2019
Course Selection Information
INTRODUCTION

YOUR CHOICE OF SUBJECTS FOR 2019 IS ONE OF THE MOST IMPORTANT DECISIONS YOU WILL MAKE THIS YEAR

You will make your course selections on the student portal between Monday 20 August 2018 and Friday 14 September 2018. You may access your portal on any device connected to the internet, at home or at school. You are encouraged to have discussions about your options and future pathways with your caregivers and wider whaanau.

If you don’t have access to a device at home, or at school, you can make your selections with your Vertical Form Teacher.

On Thursday 6 September 2018 from 4-6pm, there will be a Subject Information Event in the school hall. This is an opportunity for you and your whaanau to come and discuss specific courses with subject specialists.

At Academic Conferences, your parents will be able to see your selections with your Vertical Form Teacher, and will have an opportunity to confirm these as a final selection then. It is important that your parents and whaanau attend Academic Conferences for this reason alone.

What OPTIONS do I have?

- For Year 10, you must select TWO from the optional subjects.
- For Year 11, you must select ONE of either Te Reo Maaori, English or ESOL and THREE from the optional subjects. All students will automatically take Mathematics and Science.
- For Year 12, you must select ONE of either Te Reo Maaori, English or ESOL and FIVE from the optional subjects.
- For Year 13, you must select FIVE from the optional subjects.

In choosing your subjects please keep in mind:

- Your interests/what you enjoy learning.
- What you are good at/successful in.
- What you need to have learned in order to carry on to your next stage of learning.

Please give serious thought to:

- What your career/work/educational goals or aspirations are upon completion of your formal secondary education.
- How your subjects this year and next year will springboard you into one of these career or educational goals that you are currently contemplating.
- The prerequisites you will need in order to progress from your subjects in 2018 to subjects in 2019. The subject progression chart and the pre-requisites pages may help you.

Help with ideas about subject choices, career pathways and ideas are always available from your Vertical Form Teacher, Dean, Careers Educator, Head of Department-Transition and School and Careers Counsellors. Please talk to at least one of these people as you are making your decision. You can also access a vast range of ideas from www.careers.govt.nzwww.careers.govt.nzinteractive tools. You can also participate in their ‘CAREERS QUEST’, at our Careers Library, which is an online inventory which gives you suggestions for suitable occupations based on your answers to simple questions. There is also a wealth of careers information in our Careers Library to help you.
ESOL – English for Speakers of other Languages – Year 9 ..........................................................47
ESOL – English for Speakers of other Languages – Year 10..........................................................48
ESOL – English for Speakers of other Languages – Year 11..........................................................49
ESOL – English for Speakers of other Languages – Year 12 ..........................................................50
ESOL/2 EEAP – English for Academic Purposes – Year 13 ..........................................................51

Te Wahanga Whakaako O Te Kohekohe - Māori Studies Pathways ............................................53

Te Reo – Year 9 – A (optional) ........................................................................................................54
Te Reo – Year 9 – B (compulsory) ..................................................................................................55
Te Ara Kee – Year 10 .........................................................................................................................56
Te Reo – Year 10 ..............................................................................................................................57
Toi Whakairi – Year 10 ...................................................................................................................58
Te Ara Kee – Year 11 .........................................................................................................................59
Te Reo – Year 11 ..............................................................................................................................60
Toi Whakairi – Year 11 ...................................................................................................................61
Te Ara Kee – Year 12 .........................................................................................................................62
Te Reo – Year 12 ..............................................................................................................................63
Toi Whakairi – Year 1 .....................................................................................................................64
Te Ara Kee – Year 13 .........................................................................................................................65
Te Reo – Year 13 ..............................................................................................................................66
Toi Whakairi – Year 13 ...................................................................................................................67

Languages Pathways ........................................................................................................................69
French – Year 9 .................................................................................................................................70
French – Year 10 ...............................................................................................................................71
French – Year 11 - Level 1 ................................................................................................................72
French – Year 12 - Level 2 ................................................................................................................73
French – Year 13 - Level 3 ................................................................................................................74
Japanese – Year 9 .............................................................................................................................75
Japanese – Year 10 ...........................................................................................................................76
Japanese – Year 11 - Level 1 ............................................................................................................77
Japanese – Year 12 - Level 2 ............................................................................................................78
Japanese – Year 13 - Level 3 ............................................................................................................79
Mathematics Pathways ......................................................................................................................80
Mathematics – year 9 .........................................................................................................................82
Mathematics – Year 10 .......................................................................................................................83
Mathematics A and B – Year 11 - Level 1 .........................................................................................84
<table>
<thead>
<tr>
<th>Course</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies – Year 10</td>
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<tr>
<td>Accounting – Year 11 - Level 1</td>
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<td>Economics – Year 11 - Level 1</td>
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<td>Accounting – Year 12 - Level 2</td>
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<td>Business Studies – Year 12 - Level 2</td>
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<td>Classical Studies – Year 12 - Level 2</td>
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<td>Te Kuaha – Year 12 - Level 2</td>
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<td>Te Kuaha – Year 13 – Level 3</td>
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<td>Digital Technologies/Computer Applications Pathways</td>
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<td>DVC and Hard Materials Technology Pathways</td>
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<td>Food and Nutrition, Catering and Fabric Pathways</td>
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<td>Design and Visual Communication – Year 9</td>
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<td>Digital Technologies – Year 9</td>
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<td>Technology Hard Materials – Year 9</td>
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<td>Technology hard Materials – Year 10</td>
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<td>Design and Visual Communication – Year 11 - Level 1</td>
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<td>Career Subject Requirements and Recommendations</td>
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<td><strong>Career</strong></td>
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<td>Accountancy</td>
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| Agriculture and Horticulture                  | **Degree:** Recommended Agriculture/Horticulture, Biology, Chemistry, Mathematics, Computer Studies and English. UE minimum requirement.  
**Diploma:** Recommended subjects as above. |
| Apprenticeships                               | Each trade requires specific subject backgrounds, however English, Mathematics, Science and relevant trade subjects are recommended.  
Driver's license. |
| Architecture                                  | **Degrees at Auckland:** A broad-based course of study in Senior School. NCEA Level 3 Painting, Design or Digital Visual Communication (Graphics) are advantageous as a Portfolio of Art Work is required. Some computer literacy is useful. UE plus 16 credits from one subject from Table A and Table B.  
**Degree at Unitec:** UE plus portfolio of related art work.  
**Degree at Victoria:** Physics and Mathematics with Calculus or Stats to Level 3 are recommended. 70 Credits Level 3 or higher in no more than five subjects from approved list. |
| Armed Forces                                  | Minimum entry requirement — 17 years of age and 12 Credits Level 1 Mathematics and English. |
| Art and Design Courses                        | **Degree:** UE minimum entrance qualification. Photographic colour slides and/or Portfolio showing examples of wide range of artistic ability required.  
**Certificate:** Minimum of 48 credits at Level 3 (or higher) with a minimum of 12 Credits in each of 3 subjects including relevant technology design or visual arts subjects. Portfolio as for Degree. |
| Aviation                                      | NCEA Level 3 Mathematics with Calculus or Statistics and Physics are recommended. UE required. |
| Banking                                       | NCEA Level 2 English, Mathematics required. Accountancy, Economics useful. |
| Broadcasting                                  | **Degree:** UE including Level 3 English. Relevant work experience necessary. Credits in Music/Drama/Arts. |
| Business/Commerce (Accounting, Economics,     | **Degree:** UE plus requirements for this Limited Entry Degree.  
**Diploma:** UE English requirement plus 48 Credits at Level 2 or higher with no fewer than 12 Credits in each of 4 subjects |
| Management, Marketing, Tourism)              | |
| Clerical/Reception                            | UE English requirement, plus no fewer than 48 Credits in best 4 NCEA Level 2 subjects. Word Processing/Desktop publishing skills required. |
| Clothing Design                               | Refer ‘Art and Design’ course. |
| Communications (Journalism, Multi Media,      | **Degree:** UE Mathematics and English requirements plus at least 60 Credits at Level 3 over 4 subjects including at least 3 from the approved subject list, plus at least 18 Credits and a grade average of at least 60 in any of English, History, Geography, Classical studies, History of Art or Media Studies. |
| Public Relations, Television, Radio)          | |
| Computer Programmer                           | **Degree:** UE plus requirements for this Limited Entry Degree.  
**Diploma:** Minimum of 56 credits including UE English requirements, a minimum of 14 Credits in Mathematics Level 2, and a minimum of 14 Credits in each of 2 other approved Level 2 or higher subjects. |
| Dentistry                                     | See Health Sciences. First Year Course at Otago university. |
| Dietetics                                     | Preferred Mathematics with Calculus and/or Mathematics with Statistics, Chemistry, Biology. UE minimum entrance qualification. |
| Early Childhood                               | UE in general subjects including English. Training providers have varying entry requirements – refer prospectuses. |
| Engineering (Chemical, Civil, Electrical/Electronics, Computer Systems, Mechanical, Resource) | **Degree:** 18 credits in NCEA level 3 Mathematics with calculus and 18 credits in Level 3 Physics. UE plus requirements for this Limited Entry Degree.  
**Diploma:** NCEA Level 2 with 14 credits in one or all of English, Mathematics, Physics. Refer Tertiary Institute Prospectuses.  
**Certificate:** NCEA Level 1 with 14 credits in one or all of English, Mathematics, Physics. Refer Tertiary Institute Prospectuses.  
**Trade:** Minimum 3 years Secondary Education. Passes in NCEA Level 1 English and Mathematics preferred. Metal Technology, Science and Digital Visual Communication (Graphics) useful |
<p>| Electrician                                   | NCEA Level 1 English, Mathematics, Science minimum. |
| Electronics Technician                        | NCEA Level 2 English, Mathematics and Physics required. Electro Technology useful. |
| Environmental Engineering                     | NCEA Level 3 English, Mathematics with Statistics and Biology required. UE minimum entrance qualification. |</p>
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<thead>
<tr>
<th>Course</th>
<th>Degree</th>
<th>Minimum Entrance Qualification</th>
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<tbody>
<tr>
<td>Fine Arts</td>
<td>See Art and Design</td>
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<tr>
<td>Fitness Industry</td>
<td>Degree: Use minimum entrance qualification</td>
<td>Science, Physical Education, Biology useful.</td>
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<tr>
<td>Food Industry/Chef</td>
<td>NCEA Level 1 English, Mathematics, Science, Food Technology, Accounting, Economics, French useful.</td>
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<tr>
<td>Food Technology</td>
<td>Degree: NCEA Level 3 Mathematics with Statistics. Chemistry, Biology and English preferred. UE minimum entrance qualification.</td>
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<tr>
<td>Forensic Science</td>
<td>NCEA Level 3 English, Biology, Chemistry and a Mathematics required. Science Degree with Honours in Chemistry, Biochemistry, Medical Laboratory Science or Molecular Biology required. UE minimum entrance qualification.</td>
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<tr>
<td>Graphic Design</td>
<td>See Art and Design</td>
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<tr>
<td>Hairdressing</td>
<td>Completion of Year 11 required.</td>
<td>English, Mathematics, Science, Art useful.</td>
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<tr>
<td>Health Sciences – First Year Course – Otago University</td>
<td>Degree: UE minimum entrance qualification plus evidence of suitability to work in the hospitality industry. Diploma: UE English requirement plus a minimum of 48 Credits at Level 2 (or higher) over 4 subjects with a minimum of 12 Credits in each. Certificate: Preference given to students who have completed Year 12. NCEA Level 1 English required. Must be 17 years of age.</td>
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<tr>
<td>Interior Design</td>
<td>See Art and Design</td>
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<tr>
<td>Journalism</td>
<td>See Communications</td>
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<tr>
<td>Law – Usually a conjoint degree</td>
<td>UE plus language rich subjects are useful at NCEA Level 3.</td>
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<tr>
<td>Medical Laboratory Technology</td>
<td>See Health science. First Year at Otago University.</td>
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<td>Medicine</td>
<td>Degree at University of Auckland: First year programme for Bachelor of Health Science or Biomedical Science followed by application and interviews required for first part of Medical Degree. UE plus merit average – 18 credits List A, 18 credits List B. Degree at Otago University: Refer Health Sciences First Year Course.</td>
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<tr>
<td>Motor Industry</td>
<td>See Engineering</td>
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<tr>
<td>Music</td>
<td>Degree: UE required. Audition required for Performance Course.</td>
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<td>Diplomas and Certificates: NCEA credits and Music exam passes.</td>
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<td>Nursing</td>
<td>Degrees at University of Auckland: UE plus requirements for this Limited Entry Degree.</td>
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<td>Degree at MIT: UE including 65 credits at NCEA Level 3 in approved subjects.</td>
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<td>Degree at AUT: NCEA 14 Credits in English Level 2, minimum 14 Credits at Level 3 in a Science or Mathematics subject plus remaining UE requirements.</td>
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<tr>
<td>Occupational Therapy</td>
<td>Degrees at AUT: NCEA 14 credits in English Level 2, minimum 14 Credits at Level 3 in a Science or Mathematics subject plus remaining UE requirements.</td>
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<tr>
<td>Optometry</td>
<td>First year programme for BSc (Biomedical) then application made to Optometry School. Chemistry, Physics and a Level 3 Mathematics required. UE plus requirements for Biomedical Science.</td>
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<tr>
<td>Performing and Screen Arts</td>
<td>UE minimum entrance requirement. Applicants will also be required to attend an Audition.</td>
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<tr>
<td>Pharmacy</td>
<td>Degree at University of Auckland: UE plus requirements for this Limited Entry Degree.</td>
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<td></td>
<td>Degree at Otago University: (see Health Sciences First Year Course)</td>
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<tr>
<td>Physical Education</td>
<td>Otago University – Competitive entry. Selection is in October of Year 13 and will be determined on NCEA Level 2 results. At least 80 Credits or higher with a grade average of at least 65 in each of 4 subjects including 3 from the approved list. Other providers, eg ACE, MIT, NZIS</td>
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<tr>
<td>Physiotherapy</td>
<td>Degree at AUT: UE plus 50 Credits (or higher) with a minimum of 14 Credits at Level 3 in each of 3 subjects from the approved subject list. Preference given to those applicants who have the highest level of achievement. Degree at Otago: (See Health Sciences First Year Course).</td>
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<tr>
<td>Plumbing</td>
<td>12 Credits NCEA Level 1 in three subjects. Workshop Technology – Metals, Mathematics, English, Digital Visual Communication (Graphics) and science useful.</td>
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<td>Police</td>
<td>Minimum of Level 2 NCEA. 18 years on graduation, restricted drivers license, be a New Zealand citizen or resident, swim, health, fitness test.</td>
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<td>Program</td>
<td>Degree: Diagnostic – NCEA Level 3 English, Mathematics with either Calculus or Statistics and a minimum of one science required. UE minimum qualification.</td>
<td>Degree: Therapeutic – NCEA Level 3 English, Mathematics with Calculus or Statistics, Physics, Biology, Chemistry required. UE minimum entrance qualification.</td>
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<td>Social Work</td>
<td>General educational background helps – Economics, History and Mathematics with Statistics are useful. UE minimum entrance qualification.</td>
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<td>Speech Therapy</td>
<td>NCEA Level 3 English, Sciences and languages strongly recommended. UE minimum entrance qualification.</td>
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<td>Teaching</td>
<td>Diploma/Degree in Early Childhood at University of Auckland: 17 years old. Interview required. UE. Degree in Primary Education at the University of Auckland: UE minimum entrance qualification. Interview required. Degree in Secondary Education at the University of Auckland: Entrance requirements as outlined for Degree of choice including curriculum teaching subjects.</td>
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<td>Town Planning</td>
<td>Relevant NCEA Level 3 subjects include English and Mathematics with Calculus or Statistics. Accounting, Biology, Economics, Geography, History and Design are useful. UE minimum entrance qualification.</td>
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<tr>
<td>Travel and Tourism</td>
<td>Degree: See Business/Commerce Diploma: UE English requirement plus 48 Credits at Level 2 with no fewer than 12 Credits in each of 4 subjects. Certificate: NCEA Level 1 English plus 48 credits at Level 2 with no fewer than 12 Credits in each of 3 subjects.</td>
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<td>Veterinary</td>
<td>Degree: Chemistry, Physics, Biology, Mathematics with Calculus or Mathematics with Statistics, English recommended. UE minimum entrance qualification for first year. High marks required to enter second year.</td>
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<td>Veterinary Assistant</td>
<td>UE Mathematics and English requirement. NCEA Level 2 Biology required.</td>
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Possible Future Pathways

Arts

**Dance & Drama:** Acting, teaching, theatre producer/assistant, comedian, director, promoter, production management, events management, performer, technician – sound, lighting, costume, make-up, stage & set design, choreographer, communications, film and television, dancer, model, radio, orator, vlogging, multi-media presentations, live marketing, promotions.

**Music:** Performer, Singer/Musician, composer, tutor, promoter, events management, teaching, music therapy, radio, recording, sound technician / engineering, music production, directing, touring, management, theatre.

**Art:** Animation, gaming, artist, photography, artistic director, teaching, Illustrator, designer (print, marketing, product, digital, fashion, interiors, textiles), Architecture, Interior Design, Spatial design, web design, film and television, moving image work, curator, gallery work, art restoration, art historian, art investor, arts therapy, theatre/movie set design, costume design, special effects, multi-media artist, visual and creative communications fields, advertising.
VISUAL ARTS, MUSIC, DRAMA AND DANCE PATHWAYS

**Pathways Overview**

- **Visual Arts (9ART)**
  - Year 10 (10 ART)
  - Year 11 (1APHD)
  - Year 12 (2AART)
  - Year 13 (3APRN)

- **Music (9MUS)**
  - Year 10 (9MUS)
  - Year 11 (1AMUS)
  - Year 12 (2AMUS)
  - Year 13 (3AMUS)

- **Drama (9MUB)**
  - Year 10 (10 MUS)
  - Year 11 (1AMUS)
  - Year 12 (2AMUS)
  - Year 13 (3AMUS)

- **Dance (Year 11 DANCE)**
  - Year 11 (1APHD)
  - Year 12 (2APHO)
  - Year 13 (3APHO)

- **Year 12 Drama**
  - Year 11 (1AART)
  - Year 12 (2ADES)
  - Year 13 (3ADES)

- **Year 12 Dance**
  - Year 11 (1AART)
  - Year 12 (2ADES)
  - Year 13 (3ADES)

**Special Pathways**

- **Year 10 Drama**
- **Year 10 Dance**

**Pathway Details**

- **Year 10 Visual Arts**
  - 9ART (Year 9)
  - 10 ART (Year 10)

- **Year 10 Music**
  - 9MUS (Year 9)
  - 10 MUS (Year 10)

- **Year 10 Drama**
  - Year 10 (10 ART)

- **Year 10 Dance**
  - Year 10 (1APHD)

- **Year 11 Visual Arts**
  - 1AART (Year 11)

- **Year 11 Music**
  - 1AMUS (Year 11)

- **Year 11 Drama**
  - Year 11 (1AART)

- **Year 11 Dance**
  - Year 11 (1APHD)

- **Year 12 Visual Arts**
  - 2AART (Year 12)

- **Year 12 Music**
  - 2AMUS (Year 12)

- **Year 12 Drama**
  - Year 12 (2ADES)

- **Year 12 Dance**
  - Year 12 (2APHO)

- **Year 13 Visual Arts**
  - 3APRN (Year 13)

- **Year 13 Music**
  - 3AMUS (Year 13)

- **Year 13 Drama**
  - Year 13 (3ADES)

- **Year 13 Dance**
  - Year 13 (3APHO)
CAREER PATHWAY
Creative career pathways including being a visual artist, designer in fashion, film and moving image production, digital and print, illustration, spatial or landscape design, architecture, teaching, photo-journalism, photography, advertising, multi-media work, etc. Study in Visual Arts leads to many career pathways. Junior Art courses provide an important foundation for a wide range of senior Arts courses.

ART – YEAR 9
In 9 Art you will enjoy experiences and develop skills in a wide range of media. You will develop creative thinking skills, and personal research and expression. You will broaden your understanding of the world we live in via Arts and Cultures.

HOW WILL I LEARN?
- Year 9 Art runs for two terms.
- The course covers drawing, painting, printmaking, 3D and digital art making. You will be taught skills in these processes, explore ideas, plan and make original art.

WHAT WILL I LEARN?
- How to create and develop ideas.
- You will develop your drawing skills in creative and realistic ways.
- Three key painting techniques, and an understanding of colour.
- Woodblock printmaking techniques.
- 3D processes and related ideas.
- Digital art making processes.
- Design skills.

WHAT DOES IT LEAD TO?
- Year 10 Art.
- Photography, digital and illustration design, animation and moving image work, painting and printmaking courses at Levels 1, 2 and 3. Related tertiary study and career pathways.

WHAT DO I NEED?
Year 9 art kit (see stationery list).

HOW WILL IT BE ASSESSED?
You will make a variety of art works using different processes. Each one is assessed separately.

SUBJECT COSTS:
$20 subject fee. Approximately $18 for personal art kit, as per stationery list.

INTRODUCTION:
You will be taught drawing skills, focussing on how to use line, tone, shading, how to draw things so they look real. You will make exciting projects that allow you to express ideas and develop skills. You will make drawings, paintings, prints, and 3-D works.

RECORD OF LEARNING:
Your art folder is a record of your thinking and learning. It is the starting point for the projects you do. Each task will be marked separately.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained a knowledge of how to draw, paint, print and sculpt in a variety of media, and be able to continue onto the Year 10 art course.
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to take music to higher levels at Pukekohe High School and when pursuing tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

MUSIC - CORE – YEAR 9
We recommend that students interested in playing the guitar, keyboard, singing, learning basic music theory and developing their compositional ideas study Year 9 Music core.

HOW WILL I LEARN?
- Year 9 Music - core is all about gaining skills playing the guitar, keyboard, singing, developing compositional ideas (songs made up by students) and learning basic music theory.
- Singing is optional.
- Students compose using ProTools and write songs in small groups.
- Basic music theory is learnt through book work.

WHAT WILL I LEARN?
- How to read and play chords and tablature on the guitar and how to play songs.
- How to play the bass guitar and drums.
- Be able to describe how songs are crafted using the musical elements.
- By combining the skills learnt playing the guitar and the musical elements, compose songs in small groups.
- Basic music theory.
- How to operate a digital audio workstation such as ProTools.

WHAT DOES IT LEAD TO?
- Higher levels of study in music and/or a music related career

INTRODUCTION:
You will learn how to strum the guitar and read guitar chords and tablature. While you build on your skills playing the guitar, we will introduce the musical elements. You will apply the skills you have learnt by forming smaller groups where you will prepare and present songs of your own choice as well as your own compositions playing guitar, bass guitar, drums and singing. Basic music theory is learnt through book work. You will use ProTools to compose music too!

RECORD OF LEARNING:
The music course assesses group and solo performances, compositions, and music theory.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have completed the year 9 music course and be able to take music in year 10.

WHAT DO I NEED?
No prior knowledge

HOW WILL IT BE ASSESSED?
Regular assessments playing guitar, keyboard and composition. A music theory and listening test.

SUBJECT COSTS:
No course costs
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to take music to higher levels at Pukekohe High School and when pursuing tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

MUSIC - BAND – YEAR 9
We recommend that students study Year 9 Music Band if they are interested in playing music as part of a wind band, learning basic music theory through performing in the band, and learning to develop their compositional ideas.

HOW WILL I LEARN?
- Year 9 Band is all about gaining skills playing a wind instrument, developing compositional ideas (songs made up by students) and learning basic music theory.
- The instruments available include flute, clarinet, saxophone, trumpet, trombone and bass guitar.
- Basic music theory is learnt through performing as part of the band class.
- Each lesson is based on playing instruments as part of the band class.

WHAT WILL I LEARN?
- How to read and play music notation on a wind instrument as part of the band class.
- Be able to describe how songs are crafted using the musical elements.
- By combining the skills learnt playing your new instrument and the musical elements, compose songs in small groups and individually.
- Basic music theory.
- Composing short pieces for your instrument.

WHAT DOES IT LEAD TO?
- Higher levels of study in music and/or a music related career

INTRODUCTION:
You will choose an instrument to play in the wind band and learn the first 5 notes. As you progress through the book, you progressively learn more notes and some basic music theory. The music elements are explored as well as the compositional ideas in the songs you have played. By the middle of term 2 you will compose short pieces in small groups and individually, and learn to present these using Sibelius notation software and ProTools.

RECORD OF LEARNING:
The music course assesses solo and group performance, compositions, and basic music theory.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have completed the year 9 music course and be able to take music in year 10.

WHAT DO I NEED?
No prior knowledge necessary.

HOW WILL IT BE ASSESSED?
Regular assessments playing guitar, keyboard and composition. A music theory and listening test.

SUBJECT COSTS:
$50 instrument hire (if you don’t have access to one), $5 for a music book
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

ART – YEAR 10
We recommend this subject to students interested in drawing, painting, printmaking, photography, design, sculpture, moving image work, digital art, and practical hands on art marking. Ideal for students who want to develop creative thinking abilities. An important foundation for all senior Arts courses.

HOW WILL I LEARN?
- You will make a wide range of artworks on a variety of themes such as personal and cultural identity, aspects of your own heritage, still life, and places of significance. Some will be quick and experimental while others will be more highly finished. You will look at, talk about and research the work of artists. You will work individually and in groups.

WHAT WILL I LEARN?
- How to make a wide variety of art works and develop creative thinking abilities.
- A wide variety of skills and processes, experimental and observational drawings, woodcuts, dry point etchings, collograph prints; painting skills. You will make photograms and use digital technologies. Themes will likely include portrait and figure drawings, still life and perspective drawing. You will make sculptures or installation projects, learn to research ideas, plan and develop finished works.

WHAT DOES IT LEAD TO?
- Year 11 Art or Year 11 Photo-design

WHAT DO I NEED?
A genuine interest in Art. You should have Achieved in Year 9 Art. You will need to buy a Year 10 Art kit.

HOW WILL IT BE ASSESSED?
You will have 2 or 3 assignments per term, up to 2 homework tasks per term. Your sketchbook will be assessed. Work will be assessed under the NA,A,M,E system, and at curriculum levels.

SUBJECT COSTS:
Subject fee $40. Personal art pack approximately $40, field trips: approx $20 per trip.

INTRODUCTION:
We will begin each unit with a wide range of drawing techniques to develop ideas and skills. You and the teacher will co-construct the art works you will make based on the theme and process focus for each term. Assignments can be linked to the interests of students, maximising each person’s individual strengths and skills.

RECORD OF LEARNING:
Your sketchbook, homework, & finished assignments will all be assessed. You will produce 2 or 3 art works per term which will be assessed. You should aim to complete 70% of the course at achieved level or better, to continue on with Year 11 Art or Yr 11 Photo-design.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to take year 11 Art or Year 11 Photo-design.
CAREER PATHWAY
The skills developed in dance are important to careers involving creative thinking and collaboration. Including, but not limited to, being a visual artist, designer, choreographer, performer, theatre and film production, communication, photography, photo journalism, teaching, and cultural studies.

DANCE – YEAR 10
Ideal for students who like to express themselves physically and interested in movement. Students will think about and interpret movement in various ways, turning ideas into a visual experience. This is an extremely participation-based course. Experience as a dancer is NOT required. Ideal for students wishing to study dance or dance education at tertiary level, or any career in which creativity, originality and collaboration are valued.

HOW WILL I LEARN?
• Learning in, through, and about the arts stimulates creative action and response by engaging and connecting thinking, imagination, senses, and feelings

WHAT WILL I LEARN?
• You will explore a range of various dance styles, such as hip-hop, contemporary, Samoan Sasa, Tongan Tau‘olunga, and commercial jazz.
• You will explore how your movement relates to my environment or context
• You will sharpen your collaborative skills such as co-operation and relating to others.

WHAT DOES IT LEAD TO?
• Level 1 Dance (university approved pathway)
• Higher levels of study in any of the arts, and visual arts-related tertiary study and career pathways.

WHAT DO I NEED?
No prerequisites

HOW WILL IT BE ASSESSED?
New Zealand Curriculum Level 5:
- Understanding Dance in Context
- Developing Practical Knowledge
- Developing Ideas
- Communicating and Interpreting

SUBJECT COSTS:
Possible trip costs $30

RECORD OF LEARNING
In this course you will:
• Perform a repertoire of contrasting dances
• Demonstrate knowledge of a cultural/traditional dance performance
• Produce a group work of choreography using Site Specific Choreography processes
• Using choreographic devices, produce and perform a duet dance to realise a concept
• Demonstrate ensemble skills by performing a group dance

WHEN YOU HAVE COMPLETED THE COURSE:
You will be ready for Level 1 NCEA Dance.
CAREER PATHWAY
The skills developed in Drama are easily transferrable to any other subject area or work place. Specifically students will gain confidence in their own creative abilities and their ability to present information to an audience. Students will also gain skills in interpersonal interactions.

DRAMATIC YEAR 10
To take drama you should be interested in performing. You should also want to become more confident, and need to be committed to participating and working cooperatively with your peers as a member of a team.

HOW WILL I LEARN?
- You will create your own dramas using the four techniques. You will learn the features of different theatre forms including New Zealand theatre and clowning.
- Later in the year you will use scripts to create a full-length performance for an audience.
- All of the performances will require brief written work to show your understanding.

WHAT WILL I LEARN?
- Theory
- basic theatre set up and function
- features of a theatre form
- analyse live performance
- elements, conventions, techniques and technologies of drama
- practical performance skills
- basic acting skills
- apply theory to performance
- technical skills - eg sound, lighting
- interpersonal skills
- confidence

WHAT DOES IT LEAD TO?
- Year 11 Drama

WHAT DO I NEED?
Motivation, good attendance, willingness to perform, and work as a team member.

HOW WILL IT BE ASSESSED?
Practical presentations accompanied by some written work.

SUBJECT COSTS:
$35 subject COSTS – this includes one live theatre performance

INTRODUCTION:
Learn the basics of drama in performance and written work. We work together as a class to create a safe environment so everyone in the class can experience success. You will perform to the class and for a wider audience. There will be 2-3 performance tasks per term.

RECORD OF LEARNING:
Throughout the year you will have the opportunity to develop a range of skills. Each one will be formatively and summatively assessed. A small amount of written work will be required to show your understanding of ideas in your performance work.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained a foundation for achievement in Year 11 Drama. You will have a strong ability to work with your peers. You will be able to create and perform with a range of drama techniques and conventions, you will have learned how to write about drama ideas.
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to take music to higher levels at Pukekohe High School and when pursuing tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

MUSIC – CORE – YEAR 10 (10MUS)
We recommend that students study Year 10 Music (core) if they are interested in playing music as part of a rock band, learning basic music theory (up to grade 3 Trinity or Royal schools level) and developing their compositional ideas.

HOW WILL I LEARN?
• Year 10 Music - Core is all about extending students’ skills playing their performance instrument, developing compositional ideas (songs made up by students) and learning basic music theory as a class and in smaller groups.
• Basic music theory is learnt through book work.
• Composition will be taught via ProTools as well as “live”

WHAT WILL I LEARN?
• Gain fluency in your ability to read and play music notation.
• To play in a small ensemble such as a rock band.
• Be able to describe how songs are crafted using the musical elements in more detail.
• Compose more advanced songs in small groups and individually.
• Music theory up to grade 3 Royal or Trinity schools.
• More advance functions of ProTools

WHAT DOES IT LEAD TO?
• Higher levels of study in music and/or a music related career

WHAT DO I NEED?
Students should be having lessons on their instrument and passed all aspects of the year 9 music course.

HOW WILL IT BE ASSESSED?
Two assessments playing your performance instrument each term – solo and group. Two compositions completed each term. A music theory and listening test.

SUBJECT COSTS:
You must have access to an instrument to practise at home and approximately $20 for music trips.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have completed the year 10 music course and be able to take music in year 11.
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to take music to higher levels at Pukekohe High School and when pursuing tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

MUSIC - BAND – YEAR 10 (10 MUB)
We recommend that students study Year 10 Music Band (Wind Band) if they are interested in playing music as part of a class wind band and in smaller groups, learning basic music theory (up to grade 3 Royal or Trinity schools level) and developing their compositional ideas.

HOW WILL I LEARN?
- Year 10 Music Band is all about gaining skills playing instruments, developing compositional ideas (songs made up by students) and learning music theory as a class and in smaller groups.
- Students performance instruments include strings (violin, viola, cello, double bass) flute, clarinet, saxophone, trumpet, trombone, piano, guitar, bass guitar and drums.
- Each lesson is based on playing instruments as part of the band class.
- Composition will be taught using instruments, Sibelius and ProTools.

WHAT WILL I LEARN?
- Gain fluency in your ability to read and play music notation.
- Play more advanced music as part of the band class and in smaller groups.
- Be able to describe how songs are crafted using the musical elements in more detail.
- Compose more advanced songs in small groups and individually.
- Music theory up to grade 3 Royal or Trinity schools.

WHAT DOES IT LEAD TO?
- Higher levels of study in music and/or a music related career

WHAT DO I NEED?
Students should be having lessons on their instrument and passed all aspects of the year 9 music course.

HOW WILL IT BE ASSESSED?
Two assessments playing your performance instrument each term – solo and group. Two compositions completed each term. A music theory and listening test.

SUBJECT COSTS:
$100 to hire an instrument (if you don’t have access to one), approximately $20 for music trips.

INTRODUCTION:
Each week there will be a regular programme of performance, composition and theory taught. You will perform as a class and in small groups, preparing songs chosen by your teacher and of your own choice as well as completing a range of compositions (individual and group) completing 2 each term. The compositions will explore a range of different techniques and styles. You will also work progressively at improving your theoretical knowledge.

RECORD OF LEARNING:
The work assessed includes compositions, solo and group performance, music theory and aural. Assessments in music theory, composition and performance occur each term.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have completed the year 10 music course and be able to take music in year 11.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

ART – YEAR 11 - LEVEL 1
Ideal for students interested in drawing, painting, printmaking and making 3-D art works. Ideal for students wanting to develop creative thinking abilities. Ideal for students who enjoy kinaesthetic learning processes and working with materials to explore and express ideas in a direct, hands-on way. Ideal foundation for L2 and L3 Art Painting, Printmaking or Sculpture.

HOW WILL I LEARN?
• You will develop and research a theme you are personally interested in. You will make work in a wide range of media including drawings, paintings, print works and 3-D works.
• You will look at and discuss the work of artists, learn about their ideas and techniques and apply this to your work.
• You will develop a drawing book and clearfile of learning, experimentation, brainstorming, thinking, research and planning.
• You will develop a folio board of finished work throughout the year for external assessment.

WHAT WILL I LEARN?
• How to generate and develop ideas creatively, building lateral and in-depth thinking skills.
• You will develop observational drawing skills, mixed media skills, explore approaches to making 3-D works, extend painting skills, extend printmaking skills by making dry point etchings and other print processes.
• You will develop visual research skills, and develop an understanding of the work of selected artists.

WHAT DOES IT LEAD TO?
• Level 2 Art Painting, Printmaking & Photography.
• Higher levels of study in any of the arts at Level 3, and visual arts-related tertiary study or career pathways.

WHAT DO I NEED?
You need to have achieved Level 5 (NZC) in 75% of the units of work in year 10 Art, or have gained HOD Art approval.

HOW IT BE ASSESSED?
• Internal - 8 x L1 credits.
• External - 12 x L1 credits.

SUBJECT COSTS:
Subject cost $45 (folio boards, tape, paper, card, drawing materials, 3-D materials, paint, specialist materials and resources). Personal art kit approximately $60.

INTRODUCTION:
This is a practical course. You will start the year by shaping a theme and resourcing yourself with subject matter of personal interest to you. You will work with a range of media in your workbook as you develop skills and study artists’ work. You will develop a range of thinking skills as you develop your theme and complete visual research. You will make art works using a range of media and processes, developing your creative thinking abilities and your art making skills. You will develop a body of finished art works which will be assembled together as a folio board submission for assessment.

RECORD OF LEARNING:
NCEA Level 1
Two internal assessments (10 credits). One external assessment which is the folio board submission (12 credits).

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 10 internal credits and 12 external credits. This will enable you to move on to L2 Art Painting, Printmaking or Photography.
CAREER PATHWAY
The skills developed in dance are important to careers involving creative thinking and collaboration. Including, but not limited to, being a visual artist, designer, choreographer, performer, theatre and film production, communication, photography, photo journalism, teaching, and cultural studies.

DANCE – YEAR 11 - LEVEL 1
Ideal for students who like to express themselves physically and interested in movement. Students will think about and interpret movement in various ways, turning ideas into a visual experience. This is an extremely participation-based course. Experience as a dancer is NOT required. Ideal for students wishing to study dance or dance education at tertiary level, or any career in which creativity, originality and collaboration are valued.

HOW WILL I LEARN?
• Learning in, through, and about the arts stimulates creative action and response by engaging and connecting thinking, imagination, senses, and feelings

WHAT WILL I LEARN?
• You will explore a range of various dance styles, such as hip-hop, contemporary, Samoan Sasa, Tongan Tau’olunga, and commercial jazz.
• You will explore how your movement relates to my environment or context
• You will sharpen your collaborative skills such as co-operation and relating to others.

WHAT DOES IT LEAD TO?
• Level 2 Dance (university approved pathway)
• Higher levels of study in any of the arts, and visual arts-related tertiary study and career pathways.

WHAT DO I NEED?
No prerequisites

HOW WILL IT BE ASSESSED?
Internals – 20 L1 credits.
External – 4 L1 credits

SUBJECT COSTS:
$60 – covers costs to see live theatre performance which is needed for the external exam.

RECORD OF LEARNING:

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<thead>
<tr>
<th>Achievement Standards</th>
<th>Int.</th>
<th>Ext.</th>
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<tbody>
<tr>
<td>AS90002 Perform sequence</td>
<td>6</td>
<td>-</td>
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<tr>
<td>AS 90858 Compose sequences</td>
<td>4</td>
<td>-</td>
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<tr>
<td>AS 90859 Ensemble skills</td>
<td>4</td>
<td>-</td>
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<tr>
<td>AS 90860 Elements of dance</td>
<td>4</td>
<td>-</td>
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<tr>
<td>AS 90861 Understand performance</td>
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<td>4</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained at least 20 internal credits in Dance. You will have gained 4 external credits (literacy) and be eligible for L2 Dance.
CAREER PATHWAY
The skills developed in Drama are easily transferrable to any other subject area or work place. Specifically students will gain confidence in their own creative abilities and their ability to present information to an audience. Students will also gain skills in interpersonal interactions.

Drama Performance – Year 11 - Level 1
To take drama you should be interested in performing. You should also want to be more confident and want to work in creative ways with your peers.

HOW WILL I LEARN?
• You will be able to use the four drama techniques of performance, be able to write and perform your own dramas, use features from a theatre form in performance and perform a role from a script for an audience. Some options in technical theatre and design may also be available.
• All of the performances you do will require brief written work to show your understanding.

WHAT WILL I LEARN?
• Theory and practical work are directly linked. The theory is used to reflect and explain thinking and understanding of the fundamental pieces of drama.

WHAT DOES IT LEAD TO?
• Tertiary study in the performing arts and communication fields, Bachelor of Performing Arts, Diploma of Performance or Technology, any performance related career either in performance, management or technical design or operation.

WHAT DO I NEED?
To have completed Year 10 drama with appropriate behaviour, group work.

HOW WILL IT BE ASSESSED?
Internal – 18 credits
External – 4-8 credits

SUBJECT COSTS:
$60 – includes subject COSTS and covers costs to see live theatre performance which is needed for the external exam.

INTRODUCTION:
You will start by reviewing the basics of drama. This will be done through performance and written work. We will work together as a class to generate a safe environment so everyone in the class can create and explore their work. Each skill you learn will have a separate performance for an audience. You will have 1-2 performance tasks per term.

RECORD OF LEARNING:
Projects are designed to cover both internal and external achievement standards. Work will be completed during the year, both in class and at home.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained the credits available. Some optional credits may be available dependant on the student’s personal interests and abilities.
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to take music to higher levels at Pukekohe High School and when pursuing tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

**Performance Music – Year 11 - Level 1 (1AMUS)**
We recommend that students study year 11 performance music if they are interested in performing music individually and in groups, developing their ideas through composition and advancing their music theory and aural abilities.

**HOW WILL I LEARN?**
- Year 11 Music is all about gaining skills in performance and composition (songs made up by students) and extending the music theory and listening skills from year 10.
- Instrumental skills are demonstrated through performances individually and in small groups.
- Compositional ideas are developed by students into finished compositions in small groups and individually, written down and shared with the class, using ProTools and Sibelius.

**WHAT WILL I LEARN?**
- How to prepare and present two solo and one group performance.
- To be able to compose and present two completed compositions.
- Learn the skills and knowledge to undertake the external listening and theory exams.
- All work to NCEA level 1 standard.

**WHAT DOES IT LEAD TO?**
- Higher levels of study in music and/or a music related career

**WHAT DO I NEED?**
Students should be having lessons on their instrument and passed all aspects of the year 10 music course. Those who haven’t completed year 10 music should be a minimum of grade 3 theory and performance and seek HOD approval.

**HOW WILL IT BE ASSESSED?**
Two completed compositions, two solo performances of contrasting music, one group performance and two exams.

**SUBJECT COSTS:**
$100 instrument hire (if you don’t have access to one), $15 for music work book, approximately $20 for music trips

**INTRODUCTION:**
We unpack the achievement criteria for the performance (solo and group) and composition standards and using the assessment schedules we assess the NZQA music exemplars as a class. We then complete composition pre-tasks and work towards completing one solo performance and one composition at the end of each term. Group performances are presented in terms 2 and 3. Preparation for the external theory and listening exams will be gradually built on over terms 3 and 4.

**RECORD OF LEARNING:**
Composition 6 credits, solo performance 6 credits, group performance 4 credits, listening exam 4 credits, theory exam 4 credits. Work for all internally assessed Achievement Standards is spread throughout terms 1-3. All internal Achievement Standards will be completed by the end of term 3. The external Achievement Standards will be assessed in term 4.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You will have completed the year 11 music course and be able to take music in year 12.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

PHOTO-DESIGN – YEAR 11 - LEVEL 1
Recommended for students interested in design and photography and computer-based art making. Excellent for those who are keen to develop creative thinking abilities. An ideal foundation for L2 Art Design and L2 Photography. Possible entry to L2 Art Practical.

HOW WILL I LEARN?
- You will work with a theme of interest to you and create a range of design and photography outcomes. You will make digital drawings, design logos, business cards, posters, photograms, a zine, and a photographic spread. You will develop design and photography skills and knowledge. You will complete a series of individual design and photography tasks, using the work of designers and photographers. You will complete a folio board for external assessment.

WHAT WILL I LEARN?
- You will learn how to draw on the computer, how to make photograms in the dark room, take and edit photographs. You will learn foundational design principles and how to work with typography. You will develop skills in Photoshop and Illustrator, and in darkroom photography.
- You will learn how to generate and develop your ideas creatively, building lateral and in-depth thinking skills, which are transferable to other disciplines.

WHAT DOES IT LEAD TO?
- Year 12 Photography and Design. Higher levels of study in Art, Design, and Photography.

WHAT DO I NEED?
You need to have achieved in 75% of the units of work in year 10 Art or have gained HOD Art approval.

HOW WILL IT BE ASSESSED?
Work for internal assessment is developed during the year and makes up a clearfile of research, idea development and finished work. Work for external is in the form of a 2-board folio submission of finished photo and design works.

SUBJECT COSTS:
Subject fee $30 (folio boards, tape, paper, transparencies, card, drawing materials, 3-D materials, paint, photography paper and chemicals, specialist materials and resources). Personal art kit approximately $20. Personal printing costs approximately $60.

INTRODUCTION:
Learn the key principles of Design and Photography. Make creative digital design outcomes. Use the photography dark room to make photograms. Develop your creative thinking related to your theme. Gain fluent skills in Photoshop and In-Design software.

RECORD OF LEARNING:
NCEA Level 1
Two internal assessments (8 credits). One external assessment - folio board submission (12 credits)

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 8 internal credits and 12 external credits. You will have an excellent foundation to move into L2 Design, and L2 Photography.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

ART PRACTICAL – YEAR 12 - LEVEL 2
Ideal for students interested in drawing, painting, printmaking and 3-D work, and those keen to develop creative thinking abilities and skills. An excellent foundation for L3 Painting and Printmaking. Ideal for students wishing to study arts at tertiary level. Study in two arts at L2 and L3 provides the best chance of acceptance into tertiary art courses, and the best foundation for success.

HOW WILL I LEARN?
- You will learn how to generate, develop and refine ideas and skills in sequences of drawing, painting and printmaking, based on a chosen theme. You will develop a personal art journal in which you will experiment with media, draw, record ideas, plan, research, reflect. You will look at the work of artists to extend your thinking and skills. You visit the Auckland art galleries. You will develop a body of work in either painting or printmaking to present on a folio board for external assessment.

WHAT WILL I LEARN?
- You will extend and refine your knowledge and skills in drawing, painting and a range of printmaking processes. You will extend your ability to express ideas in art works and develop your personal artistic voice and style. You will learn about the work of artists, and extend skills in a range of specialist painting materials and techniques. You will extend your printmaking skills, making dry point etchings, woodcuts, monoprints, work with pronto plate, collograph, screenprint and digital print processes.

WHAT DOES IT LEAD TO?
- Level 3 Art Painting and Printmaking.
- Higher levels of study in any of the arts, and visual arts-related tertiary study and career pathways.

WHAT DO I NEED?
16 or more credits in L1 Art or special permission from the HOD Art.

HOW WILL IT BE ASSESSED?
- Internals – 8-16 x L2 credits.
- External – 12 x L2 credits

SUBJECT COSTS:
- Subject fee $50. Personal art kit approx $65. Possible field trip approx $25.

INTRODUCTION:
This is a practical course, involving personal and visual research. You will participate in a range of drawing and research tasks to develop a theme. You will develop ideas & skills in your art journal, respond to artists' works, research, think and plan. You will make paint and print works using a range of media and processes, develop your creative thinking ability and your art making skills. You will develop a body of finished works which will be assembled together as a folio board submission for external assessment.

RECORD OF LEARNING:
2 internals for L2 NCEA draw/paint (4 credits each). 2 internals for L2 NCEA draw/print (4 credits each). 1 external for L2 NCEA which is a two-board folio submission in either painting or printmaking.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained at least 8 internal credits in either painting or printmaking, or credits in both. You will have gained 12 external credits and be eligible for L3 Arts.
CAREER PATHWAY
The skills developed in dance are important to careers involving creative thinking and collaboration. Including, but not limited to, being a visual artist, designer, choreographer, performer, theatre and film production, communication, photography, photo journalism, teaching, and cultural studies.

DANCE – YEAR 12 - LEVEL 2
Ideal for students who like to express themselves physically and interested in movement. Students will think about and interpret movement in various ways, turning ideas into a visual experience. This is an extremely participation-based course. Experience as a dancer is NOT required. Ideal for students wishing to study dance or dance education at tertiary level, or any career in which creativity, originality and collaboration are valued.

HOW WILL I LEARN?
• Learning in, through, and about the arts stimulates creative action and response by engaging and connecting thinking, imagination, senses, and feelings

WHAT WILL I LEARN?
• You will explore a range of various dance styles, such as hip-hop, contemporary, Samoan Sasa, Tongan Tau’olunga, and commercial jazz.
• You will explore how your movement relates to my environment or context
• You will sharpen your collaborative skills such as co-operation and relating to others.

WHAT DOES IT LEAD TO?
• Level 3 Dance (university approved subject)
• Higher levels of study in any of the arts, and visual arts-related tertiary study and career pathways.

WHAT DO I NEED?
No prerequisites

HOW WILL IT BE ASSESSED?
Internals – 18 L2 credits. External – 4 L2 credits

SUBJECT COSTS:
$60 – covers costs to see live theatre performance which is needed for the external exam.

RECORD OF LEARNING:
<table>
<thead>
<tr>
<th>Achievement Standards</th>
<th>Int.</th>
<th>Ext.</th>
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<tbody>
<tr>
<td>AS91209 Repertoire</td>
<td>6</td>
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<tr>
<td>AS91205 Choreo group</td>
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<td>AS91206 Choreo solo</td>
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<tr>
<td>AS91207 Ethnic or social</td>
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<tr>
<td>AS90861 Genre or style</td>
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<td>4</td>
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</tbody>
</table>

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained at least 18 internal credits in Dance. You will have gained 4 external credits and be eligible for L3 Dance.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies. Our students have gone on to work and study with Weta Workshop, animation, art and design schools and studios.

DESIGN – YEAR 12 - LEVEL 2
Recommended for students interested in Design, moving image and film making, computer-based art making and who are keen to develop creative thinking abilities. Also for those interested in careers or further training in visual communications media.

HOW WILL I LEARN?
- Year 12 Design is about choosing an exciting futuristic company idea for the year 2050 and developing it via a range of design technologies to create exciting artworks.
- You will extend your knowledge and skills in Design and Moving Image. You will learn how to develop handmade and digital design and moving image through using the Adobe Creative Suite. Your best work is put together to make a final digital folio including a moving image submission to be assessed, showcasing your abilities and ideas.
- You may also enter works into a variety of competitions and have numerous opportunities to showcase your work across many public platforms.

WHAT WILL I LEARN?
- You will learn how to generate and develop your ideas creatively, building lateral and in-depth thinking skills, which are transferable to other disciplines.
- You will learn how to develop company branding, making logos, an interactive App Design, posters, interactive billboards and a promotional moving image sequence using Adobe video editing software. You will also learn a wide range of animation and film making techniques aided by the study of practical and theory sessions with moving image.

WHAT DOES IT LEAD TO?
- L3 Design.
- Higher levels of study in the arts, Design and Animation, and other visual arts pathways.

WHAT DO I NEED?
16 credits in L1 Art or L1 Photo Design, or by approval of HOD. All students must have drawing and digital design skills. A home computer or laptop with Adobe software is an advantage.

HOW WILL IT BE ASSESSED?
Internal – 12 x L2 credits.
External - 12 x L2 credits.

SUBJECT COSTS:
Subject fee $15, courier COSTS, drawing materials, specialist materials and resources). Personal art kit approximately $20. Personal printing costs.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 12 internal credits and 12 external credits. This will enable you to move into further study at Level 3, and beyond into tertiary study.
CAREER PATHWAY
The skills developed in Drama are easily transferrable to any other subject area or work place. Specifically students will gain confidence in their own creative abilities and their ability to present information to an audience. Students will also gain skills in interpersonal interactions.

DRAMA PERFORMANCE – YEAR 12 - LEVEL 2
We recommend that students interested in gaining confidence, performing, and working in creative ways with their peers join the subject area.

HOW WILL I LEARN?
• Students will explore, in depth, the fundamentals of drama through a variety of achievement standards. The work is mixed between practical and theory work and some of their work will be performed for an outside audience.

WHAT WILL I LEARN?
• Theory and practical work are directly linked. The theory is used to reflect and explain thinking and understanding of the fundamental pieces of drama.

WHAT DOES IT LEAD TO?
• Higher levels of study in Drama, university entrance, any performance related career either in performance, management or technical design or operation.

WHAT DO I NEED?
Completed year 11 drama and at least 12 credits. Students must also have displayed appropriate behaviour and group work.

HOW WILL IT BE ASSESSED?
Projects are designed to cover both internal and external achievement standards. Work will be completed during the year, both in class and at home.

SUBJECT COSTS:
$60 – includes subject COSTS and covers costs to see live theatre performance which is needed for the external exam.

INTRODUCTION:
The course begins with immediate work on achievement standards, including both theory and practical work. We will also work together as a class to create a safe environment in which to create. Each skill will be assessed individually through achievement and unit standards.

RECORD OF LEARNING:
Internal – 18 credits – 8 completed in term 1. 5 in term 2 and 5 in term 3
External – 8 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained the credits available. Some optional credits may be available dependant on the student's personal interests and abilities.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

PHOTOGRAPHY – YEAR 12 - LEVEL 2
Recommended for students interested in making film, moving image works, and digital photography, and using photoshop to enhance visual products. Needed as a foundation for Year 13 Photography.

HOW WILL I LEARN?
- Year 12 Photography is about choosing a theme you are passionate about and developing it via a range of techniques to create exciting artworks.
- You will extend your knowledge and skills in Photography and Moving Image. Your best work is put together to make a digital or 2-board folio board submission to be assessed, showcasing your abilities and ideas.
- You may also enter works into a variety of competitions.

WHAT WILL I LEARN?
- You will learn how to generate and develop your ideas and indepth thinking skills, transferable to other disciplines. You will learn how to use analogue darkroom processes, including pinhole photography, photograms, and film developing. You will learn how to take and make photographs outside and in a studio setting using studio lighting and/or the green screen. You will learn how to use photoshop in the production of your work, and will create your own short film.

WHAT DOES IT LEAD TO?
- Level 3 Photography and higher levels of study in any of the arts, primarily photography and visual arts related tertiary study or career pathways.

WHAT DO I NEED?
Students must have a digital SLR camera and tripod. 16 credits in 11 Art or 11 Photo-design, or approval of HOD.

HOW WILL IT BE ASSESSED?
Internals are submitted digitally showing research, idea development and the film work. External is comprised of a digital or 2-board folio board submission.

SUBJECT COSTS:
- Subject fee $15, courier COSTS, drawing materials, specialist materials and resources. Personal art kit approximately $20. Personal printing costs approx $50 (if printing a folio).

INTRODUCTION:
In L2 Photography you will choose a theme and subject matter that personally interest you. You will then make a movie from this in term 1. In term 2 you will take photos and print these for an exhibition. In ter 3 you will make a final printed or digital submission, which is your external exam. Last of all you will learn how to create work in the darkroom.

RECORD OF LEARNING:
NCEA L2 achievement standards. Internals x 4-12 credits total External x 1-12 credits total

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 12 internal credits and use 12 external credits. You will gain access into Level 3 Photography or Design.
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to take music to higher levels at Pukekohe High School and when pursuing tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

PERFORMANCE MUSIC – YEAR 12 - LEVEL 2 (2AMUS)
We recommend that students study Year 12 Performance Music if they are interested in performing music individually and in groups, learning to arrange music, developing their ideas through composition and advancing their music theory and aural.

HOW WILL I LEARN?
- Year 12 Music is all about extending the performance, composition, theory and listening skills learnt in Year 11 music. Arranging skills are also developed through the creation of an instrumentation (arranging music).
- Compositional ideas are developed by students into finished compositions, written down and shared with the class, using ProTools and Sibelius.
- An instrumentation of a piano score is created for a small ensemble, written down and shared with the class.

WHAT WILL I LEARN?
- To prepare and present two solo and one group performance.
- To compose and present two completed compositions.
- To create and present one instrumentation.
- Learn the skills and knowledge needed to undertake the external listening and score reading exams.
- All work to NCEA level 2 standard.

WHAT DOES IT LEAD TO?
- Higher levels of study in music and/or a music related career

WHAT DO I NEED?
Students should be having lessons on their instrument and passed level 1 composition, solo and group performance. Those who haven’t completed year 11 music should be a minimum of grade 4 theory and performance and seek HOD approval.

INTRODUCTION:
In term 1 we unpack the achievement criteria for the performance, composition and instrumentation standards and using the assessment schedules we discuss the NZQA music exemplars as a class. We then complete instrumentation and composition pre-tasks in preparation for completing the achievement standards. Solo and group performance skills are built on in class and preparation for the external exams in theory and listening will begin in term 3 and 4.

RECORD OF LEARNING:
Composition 6 credits, instrumentation 4 credits, solo performance 6 credits, group performance 4 credits, listening exam 4 credits, theory exam 4 credits. Work for all internally assessed Achievement Standards is spread throughout terms 1-3. All internal Achievement Standards will be completed by the end of term 3. The external Achievement Standards will be assessed in term 4.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have completed the year 12 music course and be able to take music in year 13.

SUBJECT COSTS:
$100 instrument hire (if you don’t have access to one), $15 for music work book, approximately $20 for music trips
CAREER PATHWAY
Art historian, art and gallery curator, education, fine arts, journalism, research work, sociology, psychology, anthropology, journalism, media studies, history.

ART HISTORY: BEYOND BOUNDARIES – YEAR 13 - LEVEL 3

Highly recommended for practical art students, and for other students who are curious about art, history, visual media, writing, debating, social issues and analysis. It will be of interest to students wanting to develop greater awareness of contemporary society, students who enjoy formulating arguments, constructing considered points of view. Students should have good reading and writing skills.

HOW WILL I LEARN?
• In Art History you will look at the art works of a particular time period in the broader context of the society of the time, developing an understanding of influences shaping the creation of those works and also the effects of art works on society. A variety of topics will be covered, focusing on contemporary works created in the 21st century. Topics include an examination of new social media, examining changes and shifts in culture through a variety of forms, including music video clips. You will learn how to look at these works and understand them at a deeper level.

WHAT WILL I LEARN?
• Art History is a language rich subject. You will engage and develop higher level thinking skills enabling you to form and express informed opinions, considering multiple viewpoints. You will use writing as an analytical tool, debate particular viewpoints about art works and the role of the artist. You will develop your ability to write essays, reviews and critiques. You will become knowlegable about the highly visual world we live in and gain insights into the constant stream of communiation we receive via the visual world.

WHAT DOES IT LEAD TO?
• Higher levels of study in any of the Arts, research, writing, media studies, journalism, philosophy, sociology, psychology.
• Enriched personal thinking and communication skills.

WHAT DO I NEED?
Level 2 Literacy credits at Merit level or better.
You should want to submit assessments in written form.

HOW WILL IT BE ASSESSED?
Internals x 4 total 16 credits
Externals x 2 total 8 credits

SUBJECT COSTS:
Subject fee $30 for two colour reproduction resources.
Possible field trip to Auckland City Art Galleries $25.

INTRODUCTION:
We are bombarded with media and imagery in our 21st Century world. In Art History you will examine the trends, ideas and work of artists. You will learn and write about contemporary artists' work, and form your own opinions about what their works reflect about our society.

RECORD OF LEARNING:
Art History is assessed via L3 NCEA achievement standards. The 5 internals and 3 externals will be written forms of assessment such as essays, critiques and reports. Equals L3 Literacy credits. Internals x 4 total of 16 credits. Externals x 2 total of 8 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained internal and external credits. Art History is a University Entrance subject. You will be more informed about the media-rich world we live in. You will have richer communication skills. You will be better equipped with academic writing, thinking and research skills for higher tertiary study in Arts or other areas.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

DESIGN – YEAR 13 - LEVEL 3
Recommended for students interested in all forms of Design, careers in commerical arts and design fields, visual communication fields such as advertising, film, media, landscape/product/interior textile/fashion/graphic design, and who are keen to develop creative thinking abilities.

HOW WILL I LEARN?
- In L3 Design you will choose a theme and develop it using a range of design technologies to create exciting art design outcomes.
- You will extend your knowledge and skills in Design. You will develop handmade, digital design and Photoshop, Illustrator, moving image and rotoscoping skills. You may choose to develop a moving image work for assessment.
- Your best work is put together to make a 3-board folio or moving image submission for assessment, showcasing your abilities and ideas.
- You may enter works into a variety of competitions.

WHAT WILL I LEARN?
- You will learn how to generate and develop your ideas creatively, building lateral and in-depth thinking skills, which are transferable to other disciplines.
- You will make sophisticated design outcomes in static form, such as logos, business cards, magazine spreads, posters. You may make interactive design outcomes, such as logos and websites. You will create a moving image work in the form of a short film, a design-focused moving image, and rotoscoping.

WHAT DOES IT LEAD TO?
- Higher levels of study in any of the arts, primarily Design, and visual arts-related tertiary study or career pathways, including animation, game design, film or television.

WHAT DO I NEED?
16 credits in L2 Art Design or by HOD approval. All students must have digital design skills. A home computer or laptop with Adobe software is an advantage.

HOW WILL IT BE ASSESSED?
Internals are made up of a clearfile of research, ideas, development, and possibly a film work. The external is comprised of a 3-board folio board submission.

SUBJECT COSTS:
Subject fee $15 (folio boards, tape, paper, courier COSTS, drawing materials, specialist materials and resources). Personal art kit approximately $20. Personal printing costs.

INTRODUCTION:
In L3 Design you work with a theme that personally interests you. You will make a moving image work, and make sophisticated design outcomes in a range of media – mostly digital – but hand-crafted and 3D works can also be developed. You will develop high level skills in a range of design technologies, and learn how to extend and refine ideas via sequences of work. Work for external assessment will be in the form of a moving image or printed folio.

RECORD OF LEARNING:
L3 NCEA Achievement Standards.
Internal x 2-8 credits total
External x 1 – 14 credits total

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 8 internal credits and 14 external credits. This will enable you to move into further study, as the 14 credits will form part of your University Entrance.
CAREER PATHWAY
The skills developed in Drama are easily transferrable to any other subject area or work place. Specifically students will gain confidence in their own creative abilities and their ability to present information to an audience. Students will also gain skills in interpersonal interactions.

Drama – Year 13 - Level 3
To take drama you should be interested in performing and wider aspects of theatre. You should want to be more confident and willing to working in creative ways with your peers.

How will I learn?
- You will be able to use the four drama techniques in sophisticated ways, be able to write and perform your own dramas, use features from a theatre form in performance and perform a role from a script for an audience.
- All of the performances you will do will require brief written work to show your understanding.

What will I learn?
- Theory and practical work are directly linked. The theory is used to reflect and explain thinking and understanding of the fundamental pieces of drama.

What does it lead to?
- Tertiary study in the performing arts and communication fields, Bachelor of Performing arts, Diploma of Performance or Technology, any performance related career either in performance, management or technical design or operation.

What do I need?
Completed Year 12 drama with at least 12 credits. Students must also have displayed appropriate behaviour and group work.

How will it be assessed?
| Internal | 18 credits |
| External | 8 credits |

Subject costs: $60 – includes subject costs and covers costs to see live theatre performance which is needed for the external exam.

Introduction:
You will have a variety of experiences in drama. This will involve performance and written work. We will also work together as a class to generate a safe environment so everyone in the class can create and explore their work. Each skill you learn will have a separate performance for an audience. You will have 1-2 performances per term.

Record of learning:
Projects are designed to cover both internal and external achievement standards. Work will be completed during the year, both in class and at home.

When you have completed the course:
You will have the ability to perform solo and group works in drama, have strong interpersonal and communication skills, and will have strengthened your confidence. You will have a sophisticated understanding of drama elements and conventions.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

Painting – Year 13 - Level 3
Recommended for students interested in Painting and drawing, and want to develop abilities in creative and critical thinking.

How will I learn?
You will choose a theme of personal interest and develop it using drawing and painting processes. You will develop a wide range of drawing skills, including experimental and mixed media techniques, trial water colour, oil and acrylic painting. You will compile a clearfile of research and experimentation for internal assessment, and complete a 3-board folio of work for eternal assessment. You may choose to incorporate installation, photography and digital processes as part of your work. You may enter works into a variety of competitions. You will have the opportunity to submit for Scholarship.

What will I learn?
• You will learn how to generate and develop ideas creatively, building lateral and in-depth thinking and visual research skills which are transferable to other disciplines. You will learn a variety of technical approaches to drawing and painting that focus on colour, tone and experimentation with media and ideas. You will extend your knowledge and skills in painting processes, materials and techniques. You will learn to extend, clarify, refine and synthesise ideas, with reference to established art making practices.

What does it lead to?
• University entrance, diploma courses and degree course. Higher levels of study in any of visual arts, design, technology, arts, communication, film, architecture, education or related tertiary study or career pathways.

What do I need?
16 credits in year 12 Art or by approval of HOD. Must purchase the art kit (refer to stationery list).

How will it be assessed?
Internals are marked in term 3, as an A3 clearfile of research and experimentation, and sequences of experimental and finished works. External folio is due in week 4 term 4 and is sent to Wellington for marking.

Subject Costs:
Subject fee $50. Personal art pack approximately $70: canvas (from $5 to $40), field trip approximately $25, Franklin Art Festival entry COSTS $10 per entry.

Introduction:
You will start the year by completing a variety of experimental drawing projects, selecting your own exciting, personal theme, then brainstorm and research your theme to set up your art making for the year. You will draw using a wide range of media, including pencil, ink, dye, watercolour, oil and acrylic paint. You will develop sequences of finished paintings that reflect your ideas and theme. As the year progresses your ideas and theme will deepen.

Record of Learning:
NCEA L3 Achievement Standards
2 or 3 internal assessments (4 credits each)
1 external assessment (14 credits)

When you have completed the course:
You will have gained 8 or 12 internal credits and 14 external credits.
CAREER PATHWAY
The skills developed in music provide important building blocks for students wanting to pursue tertiary study in musical knowledge and performance. Possible careers include conductor and musical director, composer, arranger, performance, music critic, music instrument maker and technician, piano tuner, sound technician, sound mixer, music teacher, music therapist, stage manager, live events co-ordinator, music publisher, music librarian and music copyist.

PERFORMANCE MUSIC – YEAR 13 - LEVEL 3
We recommend that students study year 13 Performance Music if they are interested in performing music individually and in groups, undertaking more advanced arrangements, continuing to develop their ideas through composition, exploring a research topic and advancing their music theory and aural skills.

HOW WILL I LEARN?
• Year 13 music students choose the Achievement Standards they would like to complete as they prepare for tertiary study.
• Instrumental skills are demonstrated through performances individually and in small groups of programmes of music
• Extended compositional ideas are developed and written down. Arrangements of lead sheets for small ensembles are created.
• Research topics are explored and presented through a range of media.
• Music theory and listening skills from year 12 are extended further.

WHAT WILL I LEARN?
• To prepare and present two programmes of music in solo performances.
• To perform a substantial group performance.
• To compose and present three completed compositions.
• Create and present two completed arrangements.
• Research a music topic and present your findings to the class.
• Learn the skills and knowledge needed to undertake the external listening and score reading exams.
• All work to NCEA level 3 standard.

WHAT DOES IT LEAD TO?
• Higher levels of study in music and/or a music related career

WHAT DO I NEED?
Students should be having lessons on their instrument and passed Level 2 composition.
Instrumentation, solo and group performance. Those who haven’t completed year 12 music should be a minimum grade 5 theory and performance and seek HOD approval.

HOW WILL IT BE ASSESSED?
A portfolio of two or three completed compositions, two arrangements, two solo performances of a programme of music one group performance, one research assignment and two exams.

SUBJECT COSTS:
$100 instrument hire (if you don’t have access to one), $15 for music work book, approximately $20 for music trips

INTRODUCTION:
In year 13 you choose the standards you wish to be assessed against. The options available include arranging, composition, solo and group performance, score reading and listening exams and research a music topic. We complete pre-tasks for the chosen standards and you work independently on completing them. Preparation for the external exams in theory and listening will begin in term 2 and will be gradually built on over terms 3 and 4.

RECORD OF LEARNING:
Composition credits, arranging 4 credits, research 6 credits, solo performance 8 credits, group performance 4 credits, listening exam 4 credits, theory exam 4 credits. Work for all internally assessed Achievement Standards is spread throughout terms 1-3. All internal Achievement Standards will be completed by the end of term 3. The external Achievement Standards will be assessed term 4.

WHEN YOU HAVE COMPLETED THE COURSE:
Music is an approved subject for University Entrance (UE) and you should have gained a minimum of 14 credits if you are to use music to gain UE.
**CAREER PATHWAY**
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

**PHOTOGRAPHY – YEAR 13 - LEVEL 3**
Recommended for students interested in Photography and film making, and who are keen to develop creative thinking abilities.

**HOW WILL I LEARN?**
- Year 13 Photography involves choosing a theme of personal interest and developing it in sequences of photographs and moving image works, using a range of technologies.
- You will extend your knowledge and skills in photography. You will learn how to correctly use a camera, develop digital photography and Photoshop skills. You may also choose to work with moving image for your assessment. You will develop sophisticated skills using Adobe creative suite.
- Your best work is put together to make up a final folio or moving image submission, which will be assessed and show case your abilities and ideas.

**WHAT WILL I LEARN?**
- You will learn how to generate and develop your ideas creatively, building lateral and in-depth thinking skills, which are transferable to other disciplines.
- You will learn how to take and make photographs outside, in the studio with lights and/or green screen, will create a moving image work, and develop skills using the Adobe Creative Suite, and in rotoscoping.

**WHAT DOES IT LEAD TO?**
- Higher levels of study in any of the arts primarily Photography, Moving Image work, and visual arts related Tertiary study or career pathways.

**WHAT DO I NEED?**
- 18 credits in L2 Photography or by HOD approval. All students must have a digital SLR and tripod. A home computer or laptop with Adobe software is an advantage.

**HOW WILL IT BE ASSESSED?**
- Internal - 8 x L3 credits.
- External - 14 x L3 credits.

**SUBJECT COSTS:**
- Subject fee $15 (folio boards, courier COSTS, tape, paper, specialist materials and resources).
- Personal art kit approximately $10.
- Personal printing costs approx $60 (if printing a folio).

**INTRODUCTION:**
In L3 Photography you will choose a theme and subject matter that personally interest you. You will make a moving image work, take multiple photo shoots, edit and print these. You will develop, extend, refine, clarify, regenerate and synthesise ideas in sequences of work.
You will make a final printed or digital submission.

**RECORD OF LEARNING:**
The course is assessed via internal and external NCEA achievement standards. Your best works will make up a three board folio for your external NCEA assessment.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You will have gained 8 internal credits and 14 external credits. This will enable you to move into further study as the 14 credits will form part of your University entrance.
CAREER PATHWAY
The skills developed in Visual Art are important to careers involving creative thinking. Including, but not limited to, being a visual artist, designer (graphic/fashion and textiles/industrial/spatial/landscape/interior/product design), architecture, theatre and film production, advertising, communication, animation, photography, photo journalism, teaching, floristry, make-up artistry and special effects, visual merchandising, visual entrepreneurs and communications, new technologies such as 3D printing, and cultural studies.

PRINTMAKING – YEAR 13 - LEVEL 3
Recommended for students interested in printmaking and drawing, who want to develop creative and critical thinking abilities.

HOW WILL I LEARN?
• In Year 13 Painting you will choose a theme you are passionate about and develop it using drawing and printmaking processes to create exciting artworks. You will extend your knowledge and skills in print processes, materials and techniques and develop a wide range of drawing skills, including experimental and mixed. You will compile a clearfile of research and experimentation for internal assessment, and complete a 3-board folio of work for external assessment. You may choose to incorporate installation, photography and digital processes as part of your work. You may enter works into a variety of competitions.

WHAT WILL I LEARN?
• You will learn a variety of technical approaches to drawing and printmaking that focus on mark-making, layering and experimentation with media and ideas. You will develop skills in working in etching, aquatint, mezzotint, screenprint, collograph, mono print and lithograph processes. You will demonstrate purposeful control of skills in printmaking. You will learn how to generate and develop ideas creatively, building lateral and indepth thinking and visual research skills which are transferable to other disciplines. You will learn to clarify ideas, making work that fits with contemporary art making practice.

WHAT DOES IT LEAD TO?
• University entrance, work, apprenticeships, diploma courses and degree course. Higher levels of study or related tertiary study or career pathways.

WHAT DO I NEED?
16 credits in year 12 Art or by approval of HOD. Must purchase the art kit (refer stationery list).

HOW WILL IT BE ASSESSED?
Internals are marked in term 3, as an A3 clearfile of notes research, and sequences of experimental and finished works. External folio is due in week 4 term 4 and is sent to Wellington for marking.

SUBJECT COSTS:
Subject fee $70. personal art pack approximately $100, field trip approximately $25, Franklin Art Festival entry COSTS - $10 per entry.

INTRODUCTION:
You will start the year by completing a variety of experimental drawing projects, selecting your own theme, then brainstorm and research your theme to set up your art making for the year. You will draw using a wide range of media, including pencil, ink, dye, digital processes, turps transfer, dry point etching and mono printing. You will develop sequences of finished prints that reflect your ideas and theme. As the year progresses your ideas and theme will deepen.

RECORD OF LEARNING:
NCEA L3 Achievement Standards
2 or 3 internal assessments (4 credits each). 1 external assessment (14 credits).

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 8 or 12 internal credits and 14 external credits.
Possible Future Pathways

English

Trades, Armed Forces, Broadcaster, Reporter, Interpreter, Training Consultant, Librarian, Curator, Communications, Marketing Manager, Reviewer, Teacher, Editor, Lawyer, Publisher
CAREER PATHWAY
Your learning in this subject opens many doors. Regardless of your interests and career aspirations, English will prove to be very valuable as you prepare to become confident and connected international citizens.

ENGLISH – YEAR 9
What we study in English helps you gain the understanding, knowledge and skills you need to participate fully in your learning at school and in the world beyond school. To be successful, you need to be able to understand and make yourself understood as oral, written and visual communicators. This subject teaches you skills that you need in all other subjects.

HOW WILL I LEARN?
• Learning activities will include listening, library visits, creating new texts, reading and writing. You will learn in groups or pairs, as well as on your own. There will be a variety of assignments and sometimes you will be able to choose the ones you want to complete from a list.

WHAT WILL I LEARN?
• You will learn how to understand different types of texts and create new texts. Among other skills, you will learn to use language to convince, inform, make connections and express your ideas.

WHAT DOES IT LEAD TO?
• Year 10 English

INTRODUCTION:
In this subject we study, use, and enjoy language and literature. We learn to understand and communicate ideas orally, visually, and in writing.

RECORD OF LEARNING:
There will be formative assessments throughout the year. There is ONE formal Common Assessment Task (CAT) each term. AsTTle reading tests are carried out during the year.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have the skills and knowledge required to succeed in Year 10 English.

WHAT IS THE EXPECTATION?
Progress towards Level 4 of the curriculum in Year 9 English

HOW WILL IT BE ASSESSED?
- Literature study tests
- Creative writing tasks
- Formal writing tasks
- Reading diary
- Oral presentation
- Visual presentation
- AsTTle reading assessment.

WHAT IS EXPECTED OF ME?
Course COSTS – related costs may include and EOTC trip.
CAREER PATHWAY
Your learning in this subject opens many doors. Regardless of your interests and aspirations, English will prove to be very valuable as you prepare to become confident and connected international citizens.

ENGLISH – YEAR 10
What we study in English helps you gain the understanding, knowledge and skills you need to participate fully in your learning at school and in the world beyond school. To be successful, you need to be able to understand and make yourself understood as oral, written and visual communicators. This subject teaches you skills that you need in all other subjects.

WHAT WILL I LEARN?
Learning activities will include listening, debating, library visits, creating new tests, reading and writing. You will learn in groups or pairs, as well as on your own. There will be a variety of assignments, and sometimes you will be able to choose the ones you want to complete from a list.

WHAT WILL I LEARN?
• You will learn how to understand different types of texts and create new texts. Among other skills, you will learn to use language to convince, inform, make connections, and express your ideas.

WHAT DOES IT LEAD TO?
• Level One English

WHAT IS MY GOAL?
Progress towards Level 5 of the curriculum in Year 10 English

HOW WILL IT BE ASSESSED?
Literature study tests
Creative writing tasks
Formal writing tasks
Reading diary
Oral presentation
Visual presentation
AsTTle reading assessment

WHAT IS EXPECTED OF ME?
Course COSTS – related costs may include an EOTC trip.

INTRODUCTION
In this subject we study, use, and enjoy language and literature. We learn to understand and communicate ideas orally, visually, and in writing.

RECORD OF LEARNING
There will be formative assessments throughout the year. There will be formative assessments throughout the year. There is ONE formal Common Assessment Task (CAT) each term. AsTTle reading tests are carried out during the year.

WHEN YOU HAVE COMPLETED THE COURSE
• You will have the skills and knowledge required to succeed in NCEA Level One English.
CAREER PATHWAY
Your learning in this subject opens many doors. Regardless of your interests and career aspirations, English will prove to be very valuable as you prepare to become confident and connected international citizens. English is on the list of Approved Subjects for University Entrance.

ENGLISH — LEVEL ONE
What we study in English helps you gain the understanding, knowledge and skills you need to participate fully in your learning at school and in the world beyond school. To be successful, you need to be able to understand and make yourself understood as oral, written and visual communicators. Studying English will help you be able to think critically and in depth.

HOW WILL I LEARN?
Learning activities will include debates and discussions, viewing and listening, creating original texts and responding to studied texts.

WHAT WILL I LEARN?
- You will learn how to understand and describe characters, events, settings and techniques in different types of texts, and create original texts. Among other skills, you will learn to use language to convince, inform, make connections and express your ideas.

WHAT DOES IT LEAD TO?
- Level Two English
- Level Two Media Studies
- Other Level Two subjects may consider your achievement in English as a pre-requisite

<table>
<thead>
<tr>
<th>WHAT IS MY GOAL?</th>
<th>HOW WILL IT BE ASSESSED?</th>
<th>WHAT IS EXPECTED OF ME?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards Level 6 of the curriculum in Year 11 English</td>
<td>Level 1 credits Internal standards = 13 credits External standards = 12 credits You will have some choices presented to you.</td>
<td>100% participation and completion of work At least 10 credits to achieve NCEA Level 1 literacy</td>
</tr>
</tbody>
</table>

INTRODUCTION
In this subject we study, use, and enjoy language and literature. We learn to understand and communicate ideas orally, visually, and in writing.

RECORD OF LEARNING
The 16-20 credit course will include Internal as well as External assessments from a list of Assessment Standards in English. There will be an opportunity to achieve at least 3 Internal credits each term.

WHEN YOU HAVE COMPLETED THE COURSE
You will have Level One Literacy credits as well as the skills and knowledge required to succeed in NCEA Level Two English.
CAREER PATHWAY
Regardless of your interests and career aspirations, English will prove to be very valuable as you prepare to become confident and connect international citizens. English is on the list of Approved Subjects for University Entrance.

ENGLISH – LEVEL TWO
What we study in English helps you gain the understanding, knowledge and skills you need to participate fully in your learning at school and in the world beyond school. To be successful, you need to be able to understand and make yourself understood as oral, written and visual communicators. Studying English will help you be able to think critically and in depth.

HOW WILL I LEARN?
Learning activities will include debates and discussions, viewing and listening, creating original texts and responding to studies texts.

WHAT WILL I LEARN?
• You will learn how to analyse themes, characters, settings, events, and techniques in increasingly sophisticated texts. Among other skills, you will learn to use language to convince, inform, make connections, and express your ideas. In addition, you will learn to use processes and strategies confidently and precisely.

WHAT DOES IT LEAD TO?
• Level 3 English
• Level 3 Media Studies
• Other Level 3 subjects may consider your achievement in English as a pre-requisite

WHAT DO I NEED?
At least 10 Literacy credits through Level 1 English.

HOW WILL IT BE ASSESSED?
Assessment Standards (Internal) = at least 10 credits
Assessment Standards (External) = at least 8 credits.
You will have an opportunity to select between Internal AS

WHAT IS EXPECTED OF ME?
Course COSTS – related costs may include an EOTC trip.

INTRODUCTION
In this subject we study, use, and enjoy language and literature. We learn to understand and communicate ideas orally, visually, and in writing.

RECORD OF LEARNING
The 16-20 credit course will include Internal as well as External assessments from a list of Assessment Standards in English. There will be an opportunity to achieve at least 3 internal credits each term.

WHEN YOU HAVE COMPLETED THE COURSE
You will have Level Two Literacy credits as well as the skills and knowledge required to succeed in NCEA Level Three English.
CAREER PATHWAY
Making progress in English helps you on a pathway into most jobs, courses and careers beyond school. Some obvious careers include teaching, law, journalism, foreign affairs, research, library work, advertising and writing. As you will see, English can launch you on many varied and rewarding pathways.

ENGLISH – LEVEL THREE
What we study in English helps you gain the understanding, knowledge and skills you need to participate fully in your learning at school and in the world beyond school. To be successful, you need to be able to understand and make yourself understood as oral, written and visual communicators. Studying English will help you be able to think critically and in depth. We also believe that good learning occurs in a supportive and enjoyable context, where your progress is the focus of our learning relationship.

HOW WILL I LEARN?
Learning activities will include debates and discussions, viewing and listening, creating original texts and responding to studies texts.

WHAT WILL I LEARN?
- You will learn how to critically respond to significant themes, characters, settings, events, and techniques in increasingly sophisticated texts. Among other skills, you will learn to use language to convince, inform, make connections and express your ideas. In addition, you will earn to use processes and strategies confidently and precisely.

WHAT DOES IT LEAD TO?
- Tertiary studies in any subject/discipline and Vocational pathways in various industries value credits gained through English as evidence of your thinking, writing, and speaking skills.

WHAT DO I NEED?
10 credits in Level 2 English – 5 in writing and 5 in reading.
An interest in academic English.

HOW WILL IT BE ASSESSED?
Level 3 credits
Internal standards = 13 credits
External standards = 12 credits
You will have some choices presented to you.

WHAT IS EXPECTED OF ME?
100% participation and completion of work
At least 14 credits to qualify for NCEA University Entrance

INTRODUCTION
In this subject we study, use, and enjoy language and literature. We learn to understand and communicate ideas orally, visually, and in writing.

RECORD OF LEARNING
The 16-20 credit course will include Internal as well as External assessments from a list of Assessment Standards in English. There will be an opportunity to achieve at least 3 Internal credits each term.

WHEN YOU HAVE COMPLETED THE COURSE
You will have Level Two Literacy credits as well as the skills and knowledge required to succeed in tertiary studies.
CAREER PATHWAY

Media Studies combines visual design elements with reading film and journalistic writing, and can support your pathway into graphic design, photography, journalism, filmmaking and all forms of writing. Past students have gone on to study radio, film and television broadcasting.

MEDIA STUDIES – YEAR 12 - LEVEL 2

We recommend this subject to students who combine design and photography skills with a passion for reading film, and a strong fluency in writing.

HOW WILL I LEARN?

• Media Studies allows you to explore media representations of stereotyped groups. You will analyse how a film genre alters over time, making significant changes in the genre, links to history and the attitudes of society. A significant part of the year is spent conceptualising and then making a magazine feature article or a short film production, where the student takes part in designing, writing and producing the final product. You may have the opportunity to attend an OFLC ‘Censor for the Day’ event. This subject involves group work and good IT skills.

WHAT WILL I LEARN?

• Students learn various roles in the media, from freelance journalism to sub-editing. This includes working in groups to develop an idea for a school magazine and producing a feature article or a short film for a school arts event. Students become confident with how to present images and text using Adobe PhotoShop, Indesign and PremierPro and AfterEffects. In addition, the role of the media producer and the audience are analysed in detail, and skills around understanding different points in history and their influences play a key role. This course will allow you to debate and challenge stereotypes in the media and understand the powerful influence of the media.

WHAT DOES IT LEAD TO?

• Level 3 Media Studies.

WHAT DO I NEED?

Completed Level 1 English, with 10 credits and a Merit in a writing standard. Also having completed L1 Art PhotoDesign and/or DIT would be an advantage. Use of own laptop or device with Adobe Creative Suite is an advantage.

HOW WILL IT BE ASSESSED?

16 Internal credits, 4 External credits. All Achievement Standards. Internals will be assessed via written report, oral/visual presentation, or video, as well as a detailed written planning portfolio and completed magazine article spread. The external is in the form of a written essay.

WHAT IS EXPECTED OF ME?

No course costs

INTRODUCTION:

This academic course begins with a study of representations in media. You will then begin your magazine portfolio or short film production. At this point, you will be asked to conceptualise your magazine ideas, working on your passions and complementing other subjects studied. After producing your magazine portfolio or film production, you will explore a film genre and its relationship to the audience ready for your external exam. Producing the magazine article or film production requires Level 2 standard of written English.

RECORD OF LEARNING:

Internal achievements (16 credits), particularly in your magazine portfolio or film production, are worked on in terms 1 and 2, with key checkpoints to ensure you are on task. Class time and homework time are used to support your success. Term 3 will be spent on the film genre study (4 credits).

WHEN YOU HAVE COMPLETED THE COURSE:

You should have gained 20 credits and be able to progress to Level 3 Media studies. There are also literacy credits.
CAREER PATHWAY
Media Studies combines visual design elements with reading film and journalistic writing, and can support your pathway into graphic design, photography, journalism, filmmaking and all forms of writing. Past students have gone on to study radio, film and television broadcasting.

MEDIA STUDIES – YEAR 13 - LEVEL 3
We recommend this subject to students who combine design and photography skills with a passion for reading film, and a strong fluency in writing.

HOW WILL I LEARN?
• Media Studies allows you to critically analyse how a film genre connects to society, making significant changes in history and the attitudes of society. A significant part of the year is spent conceptualising and then making a magazine spread as your production, you take part in planning, writing and producing the final product. You may have the opportunity to attend an OFLC ‘Censor for the Day’ event. This subject involves group work and good technological skills.

WHAT WILL I LEARN?
• Students will further their understanding of various roles in the media, by focusing on film. This includes many areas, from pitching an idea for a script or article to magazine editing. In this, students will become adept at using camera technology and editing softwares, including use of GreenScreen and/or location filming. In addition, the roles of the media producer, the audience and wider society are critically analysed in detail. In the genre and society study, students will develop skills around understanding different points in history and the relationship between a film genre and wider society. This course will allow you to debate and challenge academic theories when analysing multiple readings of a single text.

WHAT DOES IT LEAD TO?
• Tertiary education, including study of Journalism, Broadcasting and Film, Communication and Art Design.

WHAT DO I NEED?
Completed Level 2 Media Studies, with at least 16 credits. If not then you must seek HOD approval and have passed L2 English with a Merit in 2.4. L2 Art Photography and DIT would be an advantage. Use of own camera and own laptop with Adobe Creative Suite is an advantage.

WHAT IS EXPECTED OF ME?
No course costs

INTRODUCTION:
The course begins with exploring various recent changes in media and the impacts of these. Students will then complete and independent research project exploring an important change in media. Review of film language and techniques will prepare students for the magazine production. At this point, you will be asked to conceptualise your ideas, working on your passions and complementing other subjects studied. Finally, you will explore a media genre and how it relates to society, using critical theories to support your viewpoints.

RECORD OF LEARNING:
Internal achievements (16 credits), particularly in your production portfolio, are worked on throughout terms 1 and 2, with key checkpoints to ensure you are on task. Class time and homework time are used to support your success. Term 3 will allow for an in-depth study of a genre in preparation for the external exam (4 credits).

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained 20 credits and be prepared for tertiary study. These are also literacy credits.
CAREER PATHWAY

Improving literacy in English, in both basic communication skills and in academic language, is essential for success in whatever career pathway you choose.

ESOL – ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – YEAR 9

This course is suitable for new English language learners.

HOW WILL I LEARN?
• A theme-based approach using different learning methods such as:
  o Group work
  o Games
  o Personal and shared reading
  o Language tasks
  o Vocabulary activities
  o Journal writing
  o Help with other classes

WHAT WILL I LEARN?
• To speak clearly and confidently in English
• To listen to information and follow instructions
• To use reading strategies to understand different kinds of simple texts
• To write about familiar topics
• To increase vocabulary knowledge

WHAT DOES IT LEAD TO?
• Either year 10 ESOL or year 10 English

WHAT DO I NEED?
English is NOT your first language

INTRODUCTION:
The purpose of this course is to improve English language skills for everyday life and develop academic language skills to help you achieve in other subjects.

RECORD OF LEARNING:
Progress will be monitored and reported using English Language Learning Progressions. The AsTTle reading test is held at the end of the year.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have the skills and knowledge required to succeed in level 1 ESOL class assessed using English Language Unit Standards at level 1 and 2.
CAREER PATHWAY
Improving literacy in English, in both basic communication skills and in academic language, is essential for success in whatever career pathway you choose.

ESOL – ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – YEAR 10
This course is suitable for new English language learners.

HOW WILL I LEARN?
• A theme-based approach using different learning methods such as:
  o Group work
  o Games
  o Personal and shared reading
  o Journal writing
  o Language tasks
  o Vocabulary activities
  o Help with other classes

WHAT WILL I LEARN?
• To speak clearly and confidently in English
• To listen to information and follow instructions
• To use reading strategies to understand different kinds of simple texts
• To write about familiar topics
• To increase vocabulary knowledge

WHAT DOES IT LEAD TO?
• Year 11 ESOL

INTRODUCTION:
The purpose of this course is to improve English language skills for everyday life and develop academic language skills to help you achieve in other subjects.

RECORD OF LEARNING:
Progress will be monitored and reported using English Language Learning Progressions. The AsTTle reading test is held at the end of the year.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have the skills and knowledge required to succeed in the level 1 ESOL class assessed using English Language Unit Standards at level 1 and 2.

WHAT DO I NEED?
English is NOT your first language

HOW WILL IT BE ASSESSED?
Using English Language Learning Progressions: writing tasks, listening activities, oral presentations, reading responses, vocabulary tests

SUBJECT COSTS:
Stationery only
Possible day trip - small cost
CAREER PATHWAY
Improving literacy in English, in both basic communication skills and in academic language, is essential for success in whatever career pathway you choose.

ESOL – ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – YEAR 11
The ESOL option is recommended for English language learners as an alternative to mainstream English.

**HOW WILL I LEARN?**
- A theme-based approach using different learning methods such as:
  - Personal and shared reading
  - Journal writing
  - Group work
  - Language tasks
  - Vocabulary activities
  - Games

**WHAT WILL I LEARN?**
- To participate in pair, small group and class discussions
- To listen to spoken interactions
- To write texts on familiar topics
- To read and understand simple texts
- To complete simple forms
- To increase vocabulary knowledge

**WHAT DOES IT LEAD TO?**
- Year 12 ESOL

**INTRODUCTION:**
The purpose of this course is to improve English language skills for everyday life and develop academic language skills to help you achieve in other subjects.

**RECORD OF LEARNING:**
Most of the standards are assessed in stages, with several assessment tasks required before the standard is completed. This allows for ongoing skill development. Differentiated assessments allow students to achieve at their current level.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You have the opportunity to gain 25 credits in English Language Unit Standards along with the option of collecting evidence for 3 Literacy Unit Standards (10 credits)

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<tr>
<th>WHAT DO I NEED?</th>
<th>HOW WILL IT BE ASSESSED?</th>
<th>SUBJECT COSTS:</th>
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</table>
| English is NOT your first language | Using English Language unit standards at either level 1 or 2; All internally assessed; Evidence may also be collected for Literacy Unit Standards if required. | Stationery COSTS
Cost of several day trips, e.g. a visit to Auckland zoo in term 3 (~$20) |
CAREER PATHWAY
Improving literacy in English, in both basic communication skills and in academic language, is essential for success in whatever career pathway you choose.

ESOL – ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – YEAR 12
The ESOL option is recommended for English language learners as an alternative to mainstream English.

HOW WILL I LEARN?
• A theme-based approach using different learning methods such as:
  o Personal and shared reading
  o Journal writing
  o Group work
  o Language tasks
  o Vocabulary activities
  o Games

WHAT WILL I LEARN?
• To present information orally on a familiar topic
• To read and understand texts from different genres
• To write responses to personal reading
• To write using a variety of different text types
• To listen to information and follow instructions
• To increase academic vocabulary knowledge

WHAT DOES IT LEAD TO?
• Year 13 EAP or year 12 English

INTRODUCTION:
The purpose of this course is to improve English language skills for everyday life and develop academic language skills to help you achieve in other subjects.

RECORD OF LEARNING:
Most of the standards are assessed in stages, with several assessment tasks required before the standard is completed. This allows for ongoing skill development. Differentiated assessments allow students to achieve at their current level.

WHEN YOU HAVE COMPLETED THE COURSE:
You have the opportunity to gain 25 credits in English Language Unit Standards along with the option of collecting evidence for 3 Literacy Unit Standards (10 credits)

WHAT DO I NEED?
English is NOT your first language
Year 11 ESOL or English

HOW WILL IT BE ASSESSED?
Using ESOL unit standards at either level 2 or 3;
All internally assessed;
Evidence may also be collected for Literacy Unit Standards if required.

SUBJECT COSTS:
Stationery COSTS
Possible day trips – small cost
CAREER PATHWAY
Improving literacy in English, in both basic communication skills and in academic language, is essential for success in whatever career pathway you choose.

ESOL/2 EEAP – ENGLISH FOR ACADEMIC PURPOSES – YEAR 13
The ESOL option is recommended for English language learners as an alternative to English Level 2.

HOW WILL I LEARN?
• A theme-based approach using different learning methods such as:
  o Personal and shared reading
  o Journal writing
  o Group work
  o Language tasks
  o Vocabulary activities
  o Games

WHAT WILL I LEARN?
• To speak in a formal interview
• To prepare a CV and write a formal letter
• To understand the structure and language features of essays
• To use various styles of writing for different purposes and audiences
• To understand and respond to different texts
• To use inquiry research methods
• To continue to develop academic vocabulary knowledge

WHAT DOES IT LEAD TO?
• Transition to work or preparation for tertiary study

INTRODUCTION:
This course provides a pathway for students who are ready to gain university entrance literacy credits and those who want to improve their academic English language skills.

RECORD OF LEARNING:
Most of the standards are assessed in stages, with several assessment tasks required before the standard is completed. Additional assessment opportunities may be available for those who are ready for them.

WHEN YOU HAVE COMPLETED THE COURSE:
If you are at a suitable level in your English language proficiency and motivated to work hard, you have the opportunity to achieve university entrance literacy. Support will be offered if you want to get 17 level 2 English Achievement Standard credits. Alternatively, you can show your progress by achieving up to 20 English Language Unit Standards at level 3.

WHAT DO I NEED?
English is NOT your first language
Year 12 ESOL preferred
10 level 1 literacy credits

HOW WILL IT BE ASSESSED?
Using English level 2 achievement standards and English Language Unit Standards, depending on your English language proficiency. All internally assessed.

SUBJECT COSTS:
Stationery COSTS
Possible day trips – small cost

Pukekohe High School – English Faculty
Possible Future Pathways

Te Wahanga Whakaako O Te Kohekohe - Maaori Studies

Writer, Historian, Social Worker, Translator, Journalist, Marine Biologist, Clergyman,

Ministry of Fisheries, Lawyer, Architect, Judge, Child Advocate, NZ Armed Forces, Traveller, Professional Singer/Dancer, Performer, Actor, Kapa Haka Tutor, Radio, Immigration Officer, Television/broad-casting,

Exhibition – Carving, Weaving, Painting, Sculptor,

Politician, Tourism, Teacher, Linguist, Interpreter, Tourist Operator, Hotel Manager, Import and Export Trader, Business person

Iwi Development and Management
TE Wahanga Whakaako O Te Kohekohe - Maaori Studies Pathways

**9 Te Reo (A)**
(Optional, whole year course, Levels 1-4, restricted entry)

**9 Te Reo (B)**
(Compulsory, single semester course, Levels 1 & 2, including basic te reo Maaori, toi whakaari, and marae experience)

**10 Te Reo**

**10 Toi Whakaari**

**10 Te Ara Kee**

**11 Te Reo**

**11 Toi Whakaari**

**11 Te Ara Kee**

**12 Te Reo**

**12 Toi Whakaari**

**12 Te Ara Kee**

**13 Te Reo**

**13 Toi Whakaari**

**13 Te Ara Kee**

**Notes:**
Students may take any combination of subjects from Maaori Studies Faculty.

The large blue arrow indicates that students may pathway through any of the Maaori Studies subjects to the next level.
CAREER PATHWAY
Students who study Te Reo Māori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Māori.

TE REO – YEAR 9 – A (OPTIONAL)
This option is to transition and nurture students who come to PHS with prior learning te reo, who wish to continue in a full-time course of study, to support further learning opportunities. Immersion students will go straight into an appropriate Year 11 course.

HOW WILL WE LEARN?
• In Year 9 Te Reo is an introduction to the language. There is a wide focus on vocabulary and simple sentence patterns. Students are also introduced to the concept of Whaangaatanga and the importance of Whakapapa and identity.

WHAT WILL I LEARN?
• Vocabulary in the following Contexts; Clothing, Numbers, Colours, Food, Body Parts, Weather, Calendar and above all the Whaanau. Simple Sentence Patterns using He, Kei hea? and Kei te. Students will also learn other words using Language Perfect.

WHAT DOES IT LEAD TO?
• Year 10 Te Reo and beyond.

WHAT DO I NEED?
Aptitude and a positive attitude for learning Language.

HOW WILL IT BE ASSESSED?
The completion of a variety of activities on a regular basis to assess students progress.

SUBJECT COSTS:
Normal stationery requirements. Language Perfect $20.00. Workbook $15

INTRODUCTION:
The course begins with a look at the concept of Family and Identity from a Māori perspective

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have gained at least an Achieved grade for their efforts in Te reo at this level.
CAREER PATHWAY

Students who study Te Reo Māori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Maori.

TE REO – YEAR 9 – B (COMPULSORY)

All Year 9 students will experience Te reo Māori is a taonga recognised under the Treaty of Waitangi (and an official language). All who learn te reo Māori help to secure its future as a living, dynamic, and rich language. By learning te reo and becoming increasingly familiar with tiikanga, Māori students strengthen their identities, while both Māori and non-Māori alike develop shared cultural understandings and a greater understanding of practicable bi-culturalism (New Zealand curriculum, Ministry of Education, 2007).

HOW WILL WE LEARN?

- In Year 9 Te Reo is an introduction to the language. There is a wide focus on vocabulary and simple sentence patterns. Students are also introduced to the concept of Whaanaugatanga and the importance of Whakapapa and identity.

WHAT WILL I LEARN?

- Vocabulary in the following Contexts; Clothing, Numbers, Colours, Food, Body Parts, Weather, Calendar and above all the Whaanau. Simple Sentence Patterns using He, Kei hea? and Kei te. Students will also learn other words using Language Perfect.
- Toi Whakaari
- Marae experience

WHAT DOES IT LEAD TO?

- Year 10 Te Reo and beyond.

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<tr>
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<th>HOW WILL IT BE ASSESSED?</th>
<th>SUBJECT COSTS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aptitude and a positive attitude for learning Language.</td>
<td>The completion of a variety of activities on a regular basis to assess students progress.</td>
<td>Normal stationery requirements. Workbook $15</td>
</tr>
</tbody>
</table>

Pukekohe High School – Languages Faculty

Pukekohe High School – Māori Studies Faculty

INTRODUCTION:
The course begins with a look at the concept of Family and Identity from a Māori perspective

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will be able to join study in Te Ao Māori at Pukekohe High School in Te Reo, Toi Whakaari and Te Ara Kee.
CAREER PATHWAY
Students who study Te Ara Kee under the protection and guidance of Te Ao Maaori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, Whare kura and other areas in Te Ao Maaori.

TE ARA KEE – YEAR 10
We will guide and manage the learning of each student that enrolls in Te Ara Kee so that their individual mana is nourished and strengthened so that they stand stronger as individuals and as members of their own communities. We will through the assessments for each unit of learning allow them to manifest those skills which are inherently theirs and develop further confidence in that which they already know and can do.

HOW WILL I LEARN?
- As all units are internally assessed the classroom and other significant learning areas such as marae and historic places of interest will provide the contexts within which learning will take place. Out of the classroom learning experiences are an integral part of the facilitation of the program.

WHAT WILL I LEARN?
- As this is a Tainui school, all Tikanga presented incorporate a Tainui perspective. However, as the whakapapa links for many of our students emanate from other iwi, recognition will also be given to other perspectives so that mana, whakapakaritanga, and moohiotanga of the individual student is enhanced and a greater understanding of Te Ao Maaori achieved.

WHAT DOES IT LEAD TO?
- This program is designed to help students maximise the opportunity to prepare for the NCEA Framework. It prepares them for higher learning in a variety of Institutions.

WHAT DO I NEED?
- Respect for Te Ao Maaori.

HOW WILL IT BE ASSESSED?
- There are 9 units of work and each unit is internally assessed.

SUBJECT COSTS:
- Normal Stationery COSTS
- Trips $100

INTRODUCTION:
‘Kia hoki whakamuri taatou, naa, ka haere whakamua’
This is a saying that in one sense means we need to go back to go forward. Part of the individual self-awareness, identity, and mana journey in Te Ao Maaori is to become acquainted with the procedures and understandings of yesteryear in order to have direction and focus so that they may continue to develop their self-awareness, identity and mana going forward.

RECORD OF LEARNING:
Each student will have a clear file which will hold the evidence for all of the assessments and for moderation purposes as well.
CAREER PATHWAY
Students who study Te Reo Māori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Māori.

TE REO – YEAR 10
It is mandatory that students interested in Te Reo participate in Language Perfect which is a Vocabulary Online Activity.

HOW WILL I LEARN?
- Year 10 Te Reo is where students build on their ability to engage with all four strands of the language. There is still a wide focus on vocabulary and more complex sentence patterns. Students are also introduced to the Māori Traditions and importance of the Marae.

WHAT WILL I LEARN?
- Vocabulary in the following Contexts; School, Home, Family, Outdoor Activities and Shopping. Complex Sentence Patterns using Ko te aha, He aha, Teenei, E ana, Kua and Kei waho. Students will also learn other words by interacting with Language Perfect.

WHAT DOES IT LEAD TO?
- Year 11 Te Reo and beyond.

<table>
<thead>
<tr>
<th>WHAT DO I NEED?</th>
<th>HOW WILL IT BE ASSESSED?</th>
<th>SUBJECT COSTS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 9 program with NQF L1 and L2 completed. An aptitude and a positive attitude for learning Language</td>
<td>The completion of a variety of activities on a regular basis to assess students progress.</td>
<td>Normal stationery requirements. Language Perfect $20.00 Workbooks $30</td>
</tr>
</tbody>
</table>

INTRODUCTION:
This course begins with an assessment based on units of work studied at Year 9 and then we look at vocabulary and sentence patterns in the context of going to school.

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have gained at least an Achieved grade for their efforts in Te reo at this level. This is necessary to be able to advance to the next level.
CAREER PATHWAY
Students who study Toi Whakaari can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Maaori.

TOI WHAKAARI – YEAR 10
An arts based course including Maaori performing arts, positioning Kapa Haka within the curriculum, and including other toi Maaori such as raaranga, koowhaiwhai, taaniko, and whakairo.

HOW WILL I LEARN?
- This is a participation-based course.
- Previous experience in Maaori performing arts is NOT a requirement.

WHAT WILL I LEARN?
- Raaranga
- koowhaiwhai,
- taaniko
- whakairo.

WHAT DOES IT LEAD TO?
- Year 11 Toi Whakaari

WHAT DO I NEED?
An interest in Te Ao Maaori and performance.

HOW WILL IT BE ASSESSED?
The completion of a variety of activities on a regular basis to assess students progress.

SUBJECT COSTS:
Fundraising to be explored to cover hikoi and taonga.

INTRODUCTION:
This course will introduce students to a range of Maaori performing arts. It is a perfect course to combine with Te Reo.

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed confidence in the foundations of Maaori performing arts.
CAREER PATHWAY
Students who study Te Ara Kee under the protection and guidance of Te Ao Maaori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, Whare kura and other areas in Te Ao Maaori.

TE ARA KEE – YEAR 11

We will guide and manage the learning of each student that enrolls in Te Ara Kee so that their individual mana is nourished and strengthened so that they stand stronger as individuals and as members of their own communities. We will through the assessments for each unit of learning allow them to manifest those skills which are inherently theirs and give them credit for that which they already know and can do.

HOW WILL I LEARN?
- As all units are internally assessed the classroom and other significant learning areas such as marae and historic places of interest will provide the contexts within which learning will take place. Out of the classroom learning experiences are an integral part of the facilitation of the program.

WHAT WILL I LEARN?
- As this is a Tainui school, all Tikanga presented incorporate a Tainui perspective. However, as the whakapapa links for many of our students emanate from other iwi, recognition will also be given to other perspectives so that mana, whakapakaritanga, and moohiotanga of the individual student is enhanced and a greater understanding of Te Ao Maaori achieved.

WHAT DOES IT LEAD TO?
- This program is designed to help students maximise the opportunity to gain credits on the NCEA Framework. It prepares them for higher learning in a variety of Institutions.

WHAT DO I NEED?
Respect for Te Ao Maaori.

HOW WILL IT BE ASSESSED?
There are 9 units of work and each unit is internally assessed.

SUBJECT COSTS:
Normal Stationery
Fundraising to be explored to cover hikoi.

INTRODUCTION:
‘Kia hoki whakamuri taatou, naa, ka haere whakamua’
This is a saying that in one sense means we need to go back to go forward. Part of the individual self-awareness, identity, and mana journey in Te Ao Maaori is to become acquainted with the procedures and understandings of yesteryear in order to have direction and focus so that they may continue to develop their self-awareness, identity and mana going forward.

RECORD OF LEARNING:
Each student will have a clear file which will hold the evidence for all of the assessments and for moderation purposes as well.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have had the opportunity to add 12-18 Level 1 credits to their NCEA Record of Achievement.
CAREER PATHWAY

Students who study Te Reo Māori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Māori.

TE REO – YEAR 11

It is mandatory that students interested in Te Reo participate in Language Perfect which is a Vocabulary Online Activity. We also recommend that students watch Māori TV regularly to increase their Aural and Vocal competence.

HOW WILL I LEARN?

• This year students will participate in NCEA. There are 30 credits on offer. 18 are internally assessed, and 12 are externally assessed.
• Depending on ability they will work towards the 18 internal credits and be given the option of external credits if they work well enough to achieve them.

WHAT WILL I LEARN?

• Vocabulary in a wider context from a prescribed list containing over 1000 words. A wider selection of complex sentence patterns. Their formation, usage and function in all forms of Language Expression.

WHAT DOES IT LEAD TO?

• Year 12 te Reo and beyond

WHAT DO I NEED?

Year 10 program with an achieved in all end of year assessment and an aptitude and attitude for learning Language

HOW WILL IT BE ASSESSED?

The students will complete 2 internal assessments valued at 12 credits and 2 external assessments valued at 12 credits.

SUBJECT COSTS:

Normal stationery requirements.
Language Perfect $20.00.
Workbooks $30.
Trips $200

INTRODUCTION:

This course begins with units of work which leads straight into the first of many assessments which contribute to the students portfolio in the area of Tuhinga and Whakarongo (writing and listening).

RECORD OF LEARNING:

Students will create and maintain a Portfolio of all their assessments. This is mandatory at this level as it is necessary for NCEA. These portfolios will also contain evidence of minor assessments completed throughout the year.

WHEN YOU HAVE COMPLETED THE COURSE:

Students will have achieved at least 12 credits at Level 1 and have the opportunity to gain another 12 through sitting the External Examinations.
CAREER PATHWAY
Students who study Toi Whakaari can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Maaori.

TOI WHAKAARI – YEAR 11
An arts based course including Maaori performing arts, positioning Kapa Haka within the curriculum, and including other toi Maaori such as raaranga, koowhaiwhai, taaniko, and whakairo.

HOW WILL I LEARN?
• This is a participation-based course.
• Previous experience in Maaori performing arts is NOT a requirement.

WHAT WILL I LEARN?
• Raaranga
• koowhaiwhai,
• taaniko
• whakairo.

WHAT DOES IT LEAD TO?
• Year 11 Toi Whakaari

WHAT DO I NEED?
An interest in Te Ao Maaori and performance.

HOW WILL IT BE ASSESSED?
The completion of a variety of activities on a regular basis to assess students progress.

SUBJECT COSTS:
Fundraising to be explored to cover hikoi and taonga.

INTRODUCTION:
This course will introduce students to a range of Maaori performing arts. It is a perfect course to combine with Te Reo.

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed confidence in the foundations of Maaori performing arts.
CAREER PATHWAY
Students who study Te Ara Kee under the protection and guidance of Te Ao Maaori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, Whare kura and other areas in Te Ao Maaori.

TE ARA KEE – YEAR 12
We will guide and manage the learning of each student that enrolls in Te Ara Kee so that their individual mana is nourished and strengthened so that they stand stronger as individuals and as members of their own communities. We will through the assessments for each unit of learning allow them to manifest those skills which are inherently theirs and give them credit for that which they already know and can do.

HOW WILL I LEARN?
- As all units are internally assessed the classroom and other significant learning areas such as marae and historic places of interest will provide the contexts within which learning will take place. Out of the classroom learning experiences are an integral part of the facilitation of the program.

WHAT WILL I LEARN?
- As this is a Tainui school, all Tikanga presented incorporate a Tainui perspective. However, as the whakapapa links for many of our students emanate from other iwi, recognition will also be given to other perspectives so that mana, whakapakaritanga, and moohiotanga of the individual student is enhanced and a greater understanding of Te Ao Maaori achieved.
- There are other Level 2 standards from within Performing Arts that will be offered through the medium of Kapa Haka and associated performing opportunities.

WHAT DOES IT LEAD TO?
- This program is designed to help students maximise the opportunity to gain credits on the NCEA Framework. It prepares them for higher learning in a variety of Institutions.

WHAT DO I NEED?
Respect for Te Ao Maaori.

HOW WILL IT BE ASSESSED?
There are 6 units of work and each unit is internally assessed.

SUBJECT COSTS:
Normal Stationery COSTS
Fundraising to be explored to cover hikoi.

INTRODUCTION:
‘Kia hoki whakamuri taatou, naa, ka haere whakamua’
This is a saying that in one sense means we need to go back to go forward. Part of the individual self-awareness, identity, and mana journey in Te Ao Maaori is to become acquainted with the procedures and understandings of yesteryear in order to have direction and focus so that they may continue to develop their self-awareness, identity and mana going forward.

RECORD OF LEARNING:
Each student will have a clear file which will hold the evidence for all of the assessments and for moderation purposes as well.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have had the opportunity to add 12-18 Level 2 credits to their NCEA Record of Achievement.
CAREER PATHWAY
Students who study Te Reo Māori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Māori.

TE REO – YEAR 12
It is mandatory that students interested in Te Reo participate in Language Perfect which is a Vocabulary Online Activity. We also recommend that students watch Māori TV regularly to increase their Aural and Vocal competence.

HOW WILL I LEARN?
• This year students will participate in NCEA. There are 28 credits on offer: 16 are internally assessed, and 12 are externally assessed.
• Depending on ability they will work towards the 16 internal credits and be given the option of external credits if they work well enough to achieve them.

WHAT WILL I LEARN?
• Vocabulary in a wider context from a prescribed list containing over 1000 words. A wider selection of complex sentence patterns. Their formation, usage and function in all forms of Language Expression.

WHAT DOES IT LEAD TO?
• Year 13 Te Reo and beyond

WHAT DO I NEED?
Year 11 program with 16 credits, One External and an aptitude and positive attitude for learning language

HOW WILL IT BE ASSESSED?
The students will complete 2 Internal assessments valued at 10 credits and 2 External assessments valued at 12 credits.

SUBJECT COSTS:
Normal stationery requirements. Language Perfect $20.00 (compulsory at this level). Workbooks $30 Trips $200

INTRODUCTION:
This course begins with units of work which leads straight into the first of many assessments which contribute to the students portfolio in the area of Tuhinga and Whakarongo (writing and listening).

RECORD OF LEARNING:
Students will create and maintain a portfolio of all their assessments. This is mandatory at this level as it is necessary for NCEA. These portfolios will also contain evidence of minor assessments completed throughout the year.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have achieved at least 16 credits at Level 2 and have the opportunity to gain another 12 through sitting the External Examinations.
CAREER PATHWAY
Students who study Toi Whakaari can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Maaori.

TOI WHAKAARI – YEAR 12

HOW WILL I LEARN?
• This is a participation-based course.
• Previous experience in Maaori performing arts is NOT a requirement.

WHAT WILL I LEARN?
• Raaranga
• koowhaiwhai,
• taaniko
• whakairo.

WHAT DOES IT LEAD TO?
• Year 11 Toi Whakaari

WHAT DO I NEED?
An interest in Te Ao Maaori and performance.

HOW WILL IT BE ASSESSED?
The completion of a variety of activities on a regular basis to assess students progress.

SUBJECT COSTS:
Fundraising to be explored to cover hikoi and taonga.

INTRODUCTION:
This course will introduce students to a range of Maaori performing arts. It is a perfect course to combine with Te Reo.

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed confidence in the foundations of Maaori performing arts.
CAREER PATHWAY
Students who study Te Ara Kee under the protection and guidance of Te Ao Maaori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, Whare kura and other areas in Te Ao Maaori.

TE ARA KEE – YEAR 13

We will guide and manage the learning of each student that enrolls in Te Ara Kee so that their individual mana is nourished and strengthened so that they stand stronger as individuals and as members of their own communities. We will through the assessments for each unit of learning allow them to manifest those skills which are inherently theirs and give them credit for that which they already know and can do.

HOW WILL I LEARN?
• As all units are internally assessed the classroom and other significant learning areas such as marae and historic places of interest will provide the contexts within which learning will take place. Out of the classroom learning experiences are an integral part of the facilitation of the program.

WHAT WILL I LEARN?
• As this is a Tainui school, all Tikanga presented incorporate a Tainui perspective. However, as the whakapapa links for many of our students emanate from other iwi, recognition will also be given to other perspectives so that mana, whakapakaritanga, and moohiotanga of the individual student is enhanced and a greater understanding of Te Ao Maaori achieved.

WHAT DOES IT LEAD TO?
• This program is designed to help students maximise the opportunity to gain credits on the NCEA Framework. It prepares them for higher learning in a variety of Institutions.

WHAT DO I NEED?
Respect for Te Ao Maaori.

INTRODUCTION:
‘Kia hoki whakamuri taatou, naa, ka haere whakamua’

This is a saying that in one sense means we need to go back to go forward. Part of the individual self-awareness, identity, and mana journey in Te Ao Maaori is to become acquainted with the procedures and understandings of yesteryear in order to have direction and focus so that they may continue to develop their self-awareness, identity and mana going forward.

RECORD OF LEARNING:
Each student will have a clear file which will hold the evidence for all of the assessments and for moderation purposes as well.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have had the opportunity to add at least 15 Level 3 credits to their NCEA Record of Achievement.

SUBJECT COSTS:
Normal Stationery COSTS
Fundraising to be explored to cover hikoi.
CAREER PATHWAY
Students who study Te Reo Maaori can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Maaori.

Te Reo – Year 13

It is mandatory that students interested in Te Reo participate in Language Perfect which is a Vocabulary Online Activity if they are focused on learning the Language. We also recommend that students watch Maori TV regularly to increase there Aural and Vocal competence.

HOW WILL I LEARN?
- This year students will participate in NCEA. There are 28 credits on offer. 18 are internally assessed, and 12 are externally assessed.
- Depending on ability they will work towards the 16 internal credits and be given the option of external credits if they work well enough to achieve them.

WHAT WILL I LEARN?
- Vocabulary in a wider context from a prescribed list containing over 1000 words. A wider selection of complex sentence patterns. Their formation, usage and function in all forms of Language Expression.

WHAT DOES IT LEAD TO?
- Scholarship Te Reo and University.

WHAT DO I NEED?
- Year 12 program with 16 credits, One External and an aptitude and positive attitude for learning language

HOW WILL IT BE ASSESSED?
- The students will complete 2 Internal assessments valued at 10 credits and 2 External assessments valued at 12 credits.

SUBJECT COSTS:
- Normal stationery requirements.
- Language Perfect $20.00 (compulsory at this level).
- Workbooks $30
- Trip $200

INTRODUCTION:
This course begins with units of work which leads straight into the first of many assessments which contribute to the students portfolio in the rea of Tuhinga and Whakarongo (writing and listening).

RECORD OF LEARNING:
Students will create and maintain a portfolio of all their assessments. This is mandatory at this level as it is necessary for NCEA. These portfolios will also contain evidence of minor assessments completed throughout the year.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have achieved at least 16 credits at Level 3 and have the opportunity to gain another 12 through sitting the External Examinations.
CAREER PATHWAY
Students who study Toi Whakaari can find career pathways in the following areas. Teaching, Tourism, Politics, Lecturing, Librarian, Researcher, Historian, Statistician, Iwi Development and Management, Kohanga Reo, Kura Kaupapa, and other areas in Te Ao Maaori.

TOI WHAKAARI – YEAR 13

HOW WILL I LEARN?
• This is a participation-based course.
  • Previous experience in Maaori performing arts is NOT a requirement.

WHAT WILL I LEARN?
• Raaranga
• koowhaiwhai,
• taaniko
• whakairo.

WHAT DOES IT LEAD TO?
• Year 11 Toi Whakaari

WHAT DO I NEED?
An interest in Te Ao Maaori and performance.

HOW WILL IT BE ASSESSED?
The completion of a variety of activities on a regular basis to assess students progress.

SUBJECT COSTS:

INTRODUCTION:
This course will introduce students to a range of Maaori performing arts. It is a perfect course to combine with Te Reo.

RECORD OF LEARNING:
Students will complete all tasks in their workbooks. Inside these one will also find completed task sheets which are used to assess the student.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed confidence in the foundations of Maaori performing arts.
Possible Future Pathways

Languages

Writer, Historian, Social Worker, Translator, Journalist, Marine Biologist, Clergyman,

Ministry of Fisheries, Lawyer, Architect, Judge, Child Advocate, NZ Armed Forces, Traveller, Professional Singer/Dancer, Performer, Actor, Kapa Haka Tutor, Radio, Immigration Officer, Television,

Exhibition – Carving, Weaving, Painting, Sculptor,

Politician, Tourism, Teacher, Linguist, Interpreter, Tourist Operator, Air Hostess, Airline Crew, Airport Worker, Hotel Manager, Import and Export Trader, Business person
LANGUAGES PATHWAYS

Key
- Achievement Standards
- Unit Standards

9 French
10 French
11 French
12 French
13 French

9 Japanese
10 Japanese
11 Japanese
12 Japanese
13 Japanese
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an embassy, diplomat etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on French ski fields, hospitality industry etc, Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in France.

FRENCH – YEAR 9
This course is recommended for students who wish to develop the skills, understandings, and attitudes that facilitates the learning of other languages.

HOW WILL I LEARN?
- You will understand and use familiar expressions and everyday vocabulary. You will be able to interact in a simple way in supported situations. You will also have the opportunity to develop research skills and share these research results with others.

WHAT WILL I LEARN?
- The contexts will be: meeting people, making introductions, asking for and giving personal information (e.g., age, address, nationality, birthday), giving descriptions of yourself and others, communicating in classroom situations, understanding instructions, asking teacher basic questions.

WHAT DOES IT LEAD TO?
- This course leads to Y10 French. You will also have the option to go on trips, eg New Caledonia or France.

WHAT DO I NEED?
No prerequisites. This course caters for absolute beginners as well as more advanced students. More advanced students will be able to have access to different materials in order to progress at their own pace and deepen their knowledge of this subject. A positive attitude towards your work and readiness to always try your best is helpful.

HOW WILL IT BE ASSESSED?
- Internal assessments:
  - Speaking: presentation and conversation - recorded with flip video cameras.
  - Listening - texts read by teacher or use of authentic materials
  - Reading
  - Writing with help of resources
- You will also be assessed on research results and ability to do research (your teacher will help you).

SUBJECT COSTS:
- 1x20 pages clear file folder
- 1 workbook $4.00
- 1 subscription to Language Perfect $20.00 (optional in Y9)

RECORD OF LEARNING:
You will have access to portfolios (electronic on Ultranet or folders) to store your work and monitor your progress.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to communicate in contexts and situations mentioned in “what will I learn?”.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an embassy, diplomat etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on French ski fields, hospitality industry etc, Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in France.

FRENCH – YEAR 10
This course is recommended for students who wish to develop the skills, understandings, and attitudes that facilitates the learning of other languages.

HOW WILL I LEARN?
• You will understand and construct simple texts for a range of purpose and be able to express ideas about your own lives and the lives of others. You will be able to describe aspects of your own environment and immediate environment. You will also learn how to use cultural knowledge to communicate appropriately and show respect in different contexts.

WHAT WILL I LEARN?
• The contexts will be: leisure activities, sports, home, food, cooking, house chores, daily routine, college, going out to restaurants and cafes.

WHAT DOES IT LEAD TO?
• This course leads to Y11 French and the opportunity to gain NCEA Level 1 credits next year. You will also have the option to go on trips to New Caledonia every second year (2014, 2017 ....) and France later on.

WHAT DO I NEED?
You need to have attended Y9 French. You can also enter this class with your French HOD approval and a positive attitude towards your work and readiness to catch up with French missed in Y9.

HOW WILL IT BE ASSESSED?
You will have internal assessments all year long to assess your ability in:
• Speaking: presentation and conversation- recorded with flip video cameras.
• Listening - texts read by teacher or use of authentic materials
• Reading
• Writing with help of resources

SUBJECT COSTS:
• 1x20 pages clear file folder
• 3 workbook $6.00
• 1 subscription to Language Perfect $20.00

RECORD OF LEARNING:
You will have access to portfolios (electronic on Ultranet or folders) to store your work and monitor your progress.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to communicate in contexts and situations mentioned in “what will I learn?”. 

Pukekohe High School – Languages Faculty
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an embassy, diplomat etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on French ski fields, hospitality industry etc, Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in France.

FRENCH – YEAR 11 - LEVEL 1
This course is recommended for students who wish to develop the skills, understandings, and attitudes that facilitates the learning of other languages.

HOW WILL I LEARN?
• You will be able to understand and produce more complex language. You will learn to communicate information, ideas and opinions beyond the immediate context – for example past and future events and through different text types.

WHAT WILL I LEARN?
• The contexts will be: travelling, holidays, going out, dealing with minor problems and accidents, life in New Zealand and France.

WHAT DOES IT LEAD TO?
• This course leads to Y12 French and the opportunity to gain NCEA Level 2 credits next year. You will also have the option to go on trips to New Caledonia every second year (2014, 2017 ...) and France later on.

WHAT DO I NEED?
You will need to have completed Y10 French and passed your assessments. Permission to students who have not attended Y10 French will only exceptionally be granted by HOD to enter this class. These students will have to show outstanding working skills and willingness to catch up during a 1 month trial.

HOW WILL IT BE ASSESSED?
3 internal assessments (during the year)
• One spoken presentation 4 credits
• Three interactions 5 credits
• Three pieces of writing (using resources) 5 credits
2 external assessments (during end of year exam):
• Listening (variety of spoken texts on CD or DVD) 5 credits
• Reading (variety of written texts) 5 credits

SUBJECT COSTS:
• 1 Clearfile folder (40 pages)
• 3 workooks $8.00
• 1 subscription to Language Perfect $20.00

RECORD OF LEARNING:
You will have access to portfolios (electronic on Ultrananet or folders) to store your work and monitor your progress. Your NCEA results will be recorded on Classroom Manager at the end of assessments.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to communicate in contexts and situations mentioned above in “what will I learn?”. You should have gained 24 credits.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an embassy, diplomat etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on French ski fields, hospitality industry etc. Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in France.

FRENCH – YEAR 12 - LEVEL 2
This course is recommended for students who wish to develop the skills, understandings, and attitudes that facilitates the learning of other languages.

HOW WILL I LEARN?
• You will learn to use French variably and effectively to express and justify your own ideas and opinions and support or challenge those of others. You will learn how to engage in sustained interaction and produce extended texts.

WHAT WILL I LEARN?
• The contexts will be young people: their life, plans, problems, “Environment, French speaking countries and territories around the world (more than 40); French films and stories.

WHAT DOES IT LEAD TO?
• This course leads to Y13 French and the opportunity to gain NCEA Level 3 credits next year. You will also have the option to go on trips to New Caledonia every second year (2014, 2017 ….) and France later on.

WHAT DO I NEED?
You will need to have gained a minimum of 14 credits at Level 1

HOW WILL IT BE ASSESSED?
3 internal assessments (during the year)
• One spoken presentation 4 credits
• Three interactions 5 credits
• Three pieces of writing (using resources) 5 credits
2 external assessments (during end of year exam):
• Listening (variety of spoken texts on CD or DVD) 5 credits
• Reading (variety of written texts) 5 credits

SUBJECT COSTS:
• 1 Clearfile folder (40 pages)
• 3 workbooks $8.00
• 1 subscription to Language Perfect $20.00

RECORD OF LEARNING:
You will have access to portfolios (electronic on Ultranet or folders) to store your work and monitor your progress. Your NCEA results will be recorded on Classroom Manager at the end of assessments.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to communicate in contexts and situations mentioned in “what will I learn?”. You should have gained 24 credits.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an embassy, diplomat etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on French ski fields, hospitality industry etc, Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in France.

FRENCH – YEAR 13 - LEVEL 3

This course is recommended for students who wish to develop the skills, understandings, and attitudes that facilitates the learning of other languages.

HOW WILL I LEARN?
- You will learn to use French variably and effectively to express and justify your own ideas and opinions and support or challenge those of others. You will learn how to engage in sustained interaction and produce extended texts.

WHAT WILL I LEARN?
- The contexts will be French regions; society problems eg alcohol, smoking, unemployment, racism, as well as French literacy, Art, French news (TV, newspapers).

WHAT DOES IT LEAD TO?
- This course leads to University. We believe that we prepare our students to be citizens of the world and that their knowledge of French will add to their ability to be employed around the world in any job they decide to do. It also shows their open-mindedness to other cultures and willingness to engage with others.
- “If you talk to a man in a language he understands, that goes to his head. If you talk to him in his language that goes to his heart.” Nelson Mandela.

WHAT DO I NEED?
You will need to have gained a minimum of 14 credits at Level 2

HOW WILL IT BE ASSESSED?
3 internal
- One spoken presentation 3 credits
- Three interactions 6 credits
- Three pieces of writing (using resources) 5 credits
- 2 external assessments (during end of year exam):
  - Listening (variety of spoken texts on CD or DVD) 5 credits
  - Reading (variety of written texts) 5 credits

SUBJECT COSTS:
- 1 Clearfile folder (40 pages)
- 3 workbooks $8.00
- 1 subscription to Language Perfect $20.00

RECORD OF LEARNING:
You will have access to portfolios (electronic on Ultranet or folders) to store your work and monitor your progress. Your NCEA results will be recorded on Classroom Manager at the end of assessments.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to communicate in contexts and situations mentioned in “what will I learn?”.
You should have gained 24 credits.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an Embassy etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on Japanese ski fields, hospitality industry etc. Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in Japan etc.

JAPANESE – YEAR 9
This course is recommended for students who wish to develop the skills, understandings, and attitudes that enable them to learn another language.

HOW WILL I LEARN?
- Being able to value and relate well to a different culture and language.
- Developing basic Japanese communication and people skills.
- Understanding how the language works
- Training the memory.

WHAT WILL I LEARN?
- Japanese pronunciation.
- Meeting and greeting.
- Self introduction.
- Going out and about in town.
- Introduction to written alphabets.
- Appreciation of cultural differences.

WHAT DOES IT LEAD TO?
- Higher levels of language study

WHAT DO I NEED?
A willingness to listen, learn and participate.

HOW WILL IT BE ASSESSED?
A prepared speech of self introduction. End of term listening, reading and writing assessment.

SUBJECT COSTS:
A $2 workbook and a 1H5 exercise book.

WHEN YOU HAVE COMPLETED THE COURSE:
JAPANESE
- Gives you the edge in a competitive global job and trade market and multi-cultural society.
- Gives greater opportunities for travel and work overseas
- Adds value to and combines well with any other degree e.g Commerce + Japanese etc.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an Embassy etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on Japanese ski fields, hospitality industry etc. Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in Japan etc.

JAPANESE – YEAR 10
This course is recommended for students who wish to develop the skills, understandings, and attitudes that enable them to learn another language.

HOW WILL I LEARN?
• Take on the challenge of listening, speaking, reading and writing and watch your Japanese improve.
• Listen to native speaker CDs.
• Read cartoon and photo stories about life in Japan and talk and write about your own life in Japanese.
• Practise the language through writing for a practical purpose.
• Train the memory.

WHAT WILL I LEARN?
• To understand and communicate about: family, morning routine/breakfast, school life, sport and leisure activities, travel in Japan, phone invitations, eating out at McDonalds etc.
• To read and write in hiragana, katakana and some kanji.

WHAT DOES IT LEAD TO?
• Higher levels of language study

WHAT DO I NEED?
Achievement in Year 9 and a willingness to listen, learn and participate.

HOW WILL IT BE ASSESSED?
A prepared spoken presentation
A conversation with a classmate.
Writing tasks with resources.
Listening tasks with resources.
Listening and reading for information.

SUBJECT COSTS:
1E5, 40 page clearfile, $4
workbook, $25 subscription to a vocab learning website.

WHEN YOU HAVE COMPLETED THE COURSE:
JAPANESE
• Gives you the edge in a competitive global job and trade market and multi-cultural society.
• Gives greater opportunities for travel and work overseas
• Adds value to and combines well with any other degree e.g Commerce + Japanese etc.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an Embassy etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on Japanese ski fields, hospitality industry etc. Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in Japan etc.

JAPANESE – YEAR 11 - LEVEL 1
This course is recommended for students who wish to develop the skills, understandings, and attitudes that enable them to learn another language.

HOW WILL I LEARN?
• Developing your range of vocab and sentence patterns to enable you to understand and produce a wider variety of language in real life contexts.
• Progressing your level of competence in reading and writing Japanese script.
• Participating in spoken interactions.

WHAT WILL I LEARN?
• To understand and communicate about: town, directions to places, home, daily routine, shopping, birthdays, describing people and what they are wearing, weather, travel and holidays, school life etc.

WHAT DOES IT LEAD TO?
• Higher levels of language study

WHAT DO I NEED?
Achievement in Year 10 or HOD approval in exceptional circumstances.

HOW WILL IT BE ASSESSED?
Internal:
Prepared spoken presentation (4 credits).
Writing with resources portfolio (5 credits).
External: listening and reading (10 credits).
Total = 19 credits

SUBJECT COSTS:
4x workbooks = $15. 40 page clearfile, 1 E5. Vocab learning website subscription $25.00.

WHEN YOU HAVE COMPLETED THE COURSE:
JAPANESE:
• Gives you the edge in a competitive global job and trade market and multi-cultural society.
• Gives greater opportunities for travel and work overseas
• Adds value to and combines well with any other degree e.g Commerce + Japanese etc.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an Embassy etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on Japanese ski fields, hospitality industry etc. Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in Japan etc.

JAPANESE – YEAR 12 - LEVEL 2
This course is recommended for students who wish to develop the skills, understandings, and attitudes that enable them to learn another language.

HOW WILL I LEARN?
• Developing your range of vocab and sentence patterns to enable you to understand and produce more complex and varied Japanese, with a stronger focus on informal language in real life contexts
• Developing and justifying your own ideas and opinions.

WHAT WILL I LEARN?
• The learning will take place around the following topics: family life, eating and drinking, school and leisure
• There will be extensive practice of new language through exercises, reading passages, graded native speaker CDs.

WHAT DOES IT LEAD TO?
• Higher levels of language study or any career with links to Japanese.

WHAT DO I NEED?
Achievement in 2 internals and one external or HOD approval.

HOW WILL IT BE ASSESSED?
Internal: prepared spoken presentation (4 credits), writing with resources portfolio (5 credits).
External: listening and reading (10 credits).
Total = 19 credits.

SUBJECT COSTS:
1E5, 40 page clearfile, Vocab learning website subscription $25.00

WHEN YOU HAVE COMPLETED THE COURSE:
JAPANESE:
• Gives you the edge in a competitive global job and trade market and multi-cultural society.
• Gives greater opportunities for travel and work overseas
• Adds value to and combines well with any other degree e.g Commerce + Japanese etc.
CAREER PATHWAY
Foreign affairs and Trade: importing, exporting, working in an Embassy etc. Tourist Industry: travel agent, air hostess, adventure tourism, instructing on Japanese ski fields, hospitality industry etc, Translating and interpreting: Department of Customs and Immigration, Police, Hospitals etc. Teaching: English to businessmen in Japan etc.

JAPANESE – YEAR 13 - LEVEL 3
This course is recommended for students who wish to develop the skills, understandings, and attitudes that enable them to learn another language.

HOW WILL I LEARN?
• Becoming more self-managing in developing the skill base for understanding and producing increasingly complex and varied Japanese, both formal and informal.
• Developing and justifying your own ideas and opinions and exploring the views of others.
• Making informed guesses about unfamiliar words using context and prior knowledge.

WHAT WILL I LEARN?
The learning will take place around the following topics:
• Leisure and holidays
• Traditions and contemporary culture (customs, etiquette and visiting).
• Planning a trip (accommodation, reservations and attractions).
• Travelling in Japan (transport, tickets, holidays).
• Future plans, careers and work.
• Issues including the environment, society, technology.

WHAT DOES IT LEAD TO?
• Higher levels of language study or any career with links to Japanese.

WHAT DO I NEED?
Achievement in 2 internals and one external or HOD approval.

HOW WILL IT BE ASSESSED?
Internal:
Prepared spken presentation (3 credits)
Writing with resources portfolio (5 credits).
External: listening and reading (10 credits).
Total = 18 credits

SUBJECT COSTS:
1 E5, 30 page clearfile. Vocab learning website subscription $25.00

WHEN YOU HAVE COMPLETED THE COURSE:
JAPANESE:
• Gives you the edge in a competitive global job and trade market and multi-cultural society.
• Gives greater opportunities for travel and work overseas
• Adds value to and combines well with any other degree e.g Commerce + Japanese etc.
Possible Future Pathways

Mathematics

**Calculus** is very important in: Tertiary courses in Mathematics, Chemistry, Physics, Engineering, Structural Design, Economics, Architecture or any career that has a major mathematical component.

**Statistics** leads to careers in: Business Studies, Commerce, Education, Geography, Health Studies, Marketing, and Planning, any career involving prediction, sampling and probability.
Mathematics Pathways

Year 9 Mathematics

Year 10 Mathematics

Level 1 Mathematics A

Level 1 Mathematics B

Level 1 Statistics

Level 2 Mathematics A

Level 2 Mathematics B

Level 2 Statistics

Level 3 Calculus

Key

Achievement Standards

Unit Standards

Need a Year 10 mark of at least 33%
CAREER PATHWAY
A good level of mathematics is needed in all careers.

MATHEMATICS – YEAR 9

You will benefit from studying at home everyday to improve your confidence in Mathematics. A scientific calculator will benefit your learning.

HOW WILL I LEARN?
• In Mathematics you will learn to work in a group to discuss real life problems, make decisions and justify your choices. Activities offered may include games, quizzes, sharing ideas, discussions, manipulating materials, rote learning, mathematical modelling, using mathematics computer programs and entering competitions. A large amount of work is done individually.

WHAT WILL I LEARN?
• Your learning will be in three broad areas or strands. You have to make sense of the many connections within and across these strands: Number and Algebra; Geometry and Measurement; Statistics.
• Number involves calculating and estimating in real life contexts. You will learn to write mathematical statements, use a scientific calculator and be taught ways to work out problems in your head. Algebra involves patterns and relationships found in numbers, shapes and measurements.
• Geometry is about shapes and the rules they have such as symmetry.
• Measurement involves predicting and taking measurements, using correct units.
• In Statistics you will design investigations and collect and display and interpret your results.

WHAT DOES IT LEAD TO?
• It provides the foundation needed to succeed in year 10 mathematics.

INTRODUCTION:
You will find that most of the content is similar to last year but at a slightly higher level than in year 8.

RECORD OF LEARNING:
Your tests at the end of each of Terms 1, 2 and 3, plus your end of year exam will contribute to the grades in your report. The exam at the end of the year will cover the whole year’s work.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have an elementary understanding of algebra. The knowledge gained through all the strands should enable you to cope with year 10 mathematics.

WHAT DO I NEED?
Reasonable knowledge of everyday arithmetic.

HOW WILL IT BE ASSESSED?
A test at the end of each term.
The last one covering the whole year’s work, is an exam.

SUBJECT COSTS:
None, but it would be helpful to have a scientific calculator.
CAREER PATHWAY
A good level of mathematics is needed in all careers.

MATHEMATICS – YEAR 10
You will benefit from studying at home everyday to improve your confidence in Mathematics. A scientific calculator will benefit your learning.

HOW WILL I LEARN?
- In Mathematics you will learn to work in a group to discuss real life problems, make decisions and justify your choices. Activities offered may include games, quizzes, sharing ideas, discussions, manipulating materials, rote learning, mathematical modelling, using mathematics computer programs and entering competitions. A large amount of work is done individually.

WHAT WILL I LEARN?
- Your learning will be in three broad areas or strands. You have to make sense of the many connections within and across these strands: Number and Algebra; Geometry and Measurement; Statistics.
- Number involves calculating and estimating in real life contexts. You will learn to write mathematical statements, use a scientific calculator and be taught ways to work out problems in your head. Algebra involves patterns and relationships found in numbers, shapes and measurements.
- Geometry is about shapes and the rules they have such as symmetry.
- Measurement involves predicting and taking measurements, using correct units.
- In Statistics you will design investigations and collect, display and interpret your results.
- The main difference being the introduction of trigonometry which has many real life applications.

WHAT DOES IT LEAD TO?
- It provides the foundation needed to succeed in year 11 Mathematics.

WHAT DO I NEED?
Achieved or better in most areas of mathematics at year 9, especially number and algebra.

HOW WILL IT BE ASSESSED?
A test at the end of each term. The last one covering the whole year’s work, is an exam.

SUBJECT COSTS:
None, but it would be helpful to a scientific calculator.

INTRODUCTION:
You will find that most of the content is similar to year 9 but at a slightly higher level and will cover new topics such as trigonometry and Pythagoras Theorem.

RECORD OF LEARNING:
Your tests at the end of each of Terms 1, 2 and 3, plus your end of year exam will contribute to the grades in your report. The exam at the end of the year will cover the whole year’s work.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have a better understanding of algebra. The knowledge gained through all the strands should enable you to cope with year 11 mathematics.
CAREER PATHWAY
A good level of mathematics is needed in all careers.

MATHEMATICS A AND B – YEAR 11 - LEVEL 1
For those students who gained a sound knowledge of year 10 mathematics. It is recommended that you strive to do at least Level 2 Mathematics B as this is the minimum requirement for many apprenticeships and employment opportunities. You will benefit from studying at home everyday to improve your confidence in Mathematics. Owning a graphics calculator will benefit your learning.

HOW WILL I LEARN?
- Working both individually and as a group member, you will learn by taking an active part in the various activities on offer. These may include, problem solving, mathematical modelling, investigations, rote learning, real life applications.

WHAT WILL I LEARN?
- Your learning will be in three broad areas or strands. You have to make sense of the many connections within and across these strands: Number and Algebra; Geometry and Measurement; Statistics.
- Number involves calculating and estimating in real life contexts. You will learn to write mathematical statements, use a scientific calculator and be taught ways to work out problems in your head. Algebra involves patterns and relationships found in numbers, shapes and measurements.
- Geometry is about shapes and the rules they have such as symmetry.
- Measurement involves predicting and taking measurements, using correct units.

WHAT DOES IT LEAD TO?
- Success in this course will enable you to gain entry into level 2 mathematics and level 2 statistics. It also gives you access to some apprenticeships.

INTRODUCTION:
You will find that much of the content is similar to last year.

RECORD OF LEARNING:
At least 7 internal credits and 12 external credits.
The external standards will be assessed in a 3 hour examination during the school exams and at the end of the year during the NCEA exams.
The Internal standards will be assessed shortly after they have been completed.
You will achieve internal credits in each term as follows:

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<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
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<td>7 credits</td>
<td>3 credits</td>
<td>2 credits</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You will have the minimum qualification in mathematics that will enable you to go on to tertiary studies.

WHAT DO I NEED?
A good knowledge of the year 10 course. Your teacher should advise you as to your eligibility for this course.

HOW WILL IT BE ASSESSED?
Three internal standards (10 credits). One external Achievement Standard in term 3 (4 credits) and two external Achievement Standards in term 4 (8 credits).

SUBJECT COSTS:
None, but it would be helpful to have a scientific calculator.
CAREER PATHWAY
A good level of mathematics is needed in all careers. In the modern world data analysis is becoming more common and this course will focus on Statistics rather than Algebra.

STATISTICS – YEAR 11 - LEVEL 1
Recommended for those students who prefer to focus on statistics and data analysis rather than algebra. This course offers you the chance to develop reasoning skills and the ability to use these skills to solve problems and make decisions. If you successfully complete this course you will be able to progress to L2 Statistics next year which develops the ideas taught in this course to a higher level.

HOW WILL I LEARN?
- Learning will happen through games, quizzes, sharing ideas, discussions, manipulating materials and using computer programs. As the course is based around interpreting and using data sets, a large aspect of the course will require good writing skills.
- This course looks at how number skills are used in real life situations and how data can be used to make informed decisions.

WHAT WILL I LEARN?
- Your learning will be in three broad areas or strands. You have to make sense of the many connections within and across these strands: Number, Geometry and Measurement; Statistics.
- Number involves using number and reasoning skills to solve contextual problems. This will involve using mental and written methods.
- Geometry is about shapes and the rules they have such as symmetry, reflection and rotation. Measurement involves taking measurements, using correct units and solving problems in context.
- Statistics is about analysing and interpreting different types of data and focuses on the application of the the PPDAC cycle. Techniques covered including modeling and making inferences.

WHAT DOES IT LEAD TO?
- Greater understanding in other areas you are studying.
- Access to L2 Statistics (2MSTA)

INTRODUCTION:
Most of the course content has been covered in years 9 and 10 and develops your ability to use and interpret information. The range of topics covered in this course will develop a large number of transferable skills that will benefit you across many other subjects. You will need good literacy skills and the ability to describe and explain your thinking in how you solve problems and interpret the information presented and collected.

RECORD OF LEARNING:

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<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
<th>Term 4</th>
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<tr>
<td>6 credits</td>
<td>4 credits</td>
<td>6 credits</td>
<td>3 credits</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You should have a better understanding of number, measurement and statistics which would serve as a good foundation to further mathematics studies.

WHAT DO I NEED?
A calculator and a positive approach to solving problems. Ability to explain your thoughts clearly.

HOW WILL IT BE ASSESSED?
The course consists of internal and external assessments.

SUBJECT COSTS:
Nil
Almost any occupation.

**MATHEMATICS A AND B – YEAR 12 - LEVEL 2**

This course is recommended for those students who may wish to continue with Mathematics in Year 13 or who need it for employment in an area that they wish to work in. This course is ideal for students wishing to work in a technical or scientific area or develop their mathematical reasoning skills further. You should take this course if you are looking to study mathematics to a higher level.

**HOW WILL I LEARN?**
- Working both individually and as a group member, you will learn by taking an active part in the various activities on offer. These may include, problem solving, mathematical modelling, investigations, rote learning, real life applications.

**WHAT WILL I LEARN?**
- You will be introduced to CALCULUS which is a very powerful tool that mathematicians use to help solve difficult problems.

**WHAT DOES IT LEAD TO?**
- Success in this course will enable you to gain entry into Level 3 mathematics and entry to most apprenticeship courses.

**WHAT DO I NEED?**
- At least 15 credits from the Level 1 course. One of the standards passed must be AS1.2 91027 algebra.
- At least 3 merits for the A course.

**HOW WILL IT BE ASSESSED?**
- Mathematics A three internal standards (9 credits) and two external standards in Term 4 (9 credits).
- Mathematics B four internal standards assessed (9 credits) and two external assessed in term 4 (9 credits).

**SUBJECT COSTS:**
- None, but it would be helpful to have a scientific calculator.

**WHEN YOU HAVE COMPLETED THE COURSE:**
- You will have a qualification that will enable you do almost any course that requires some mathematics. It will also give you an advantage in many areas where mathematics may not be a prerequisite.
CAREER PATHWAY
University courses that involve Statistics

STATISTICS – YEAR 12 - LEVEL 2
For those students who wish to continue with Mathematics and want to develop their knowledge of data analysis, probability and problem solving skills. This course is useful to support many other subjects as it covers problem solving, and focuses on data management and interpretation.

HOW WILL I LEARN?
• Working both individually and as a group member, you will learn to apply and analyse statistical methods, in various contexts. These may include, mathematical modelling. Investigations using questionnaires and surveys, and applying probability to real like applications.
• You need to have strong literacy skills, as much of the course requires extended writing. The internal assessments require the ability to describe clearly your thoughts and ideas. Being able to clearly articulate in both oral and written communications would be an advantage.

WHAT WILL I LEARN?
• You will develop your ability to analyse data and use it to make informed decisions.
• You will develop skills in problem solving by using algorithms and rules.
• You will develop a deeper understanding of how outside influences affect data collection and processing.
• You will be introduced to networks, experimentations, statistical inference and the normal distribution.

WHAT DOES IT LEAD TO?
• Success in this course may enable you to gain entry into Level 3 Statistics and most apprenticeship courses.

WHAT DO I NEED?
Numeracy through L1 Mathematics, L1 Literacy and a external exam in mathematics.

HOW WILL IT BE ASSESSED?
Both group and individual work with project and self directed activities. There are 4 external credits and the rest are internally assessed.

SUBJECT COSTS:
None, but it would be helpful to have a scientific calculator.

INTRODUCTION:
This course is largely based on the level 2 standards with statistics in them.

RECORD OF LEARNING:
At least 12 internal credits and 3 external credits.
The external standards will be assessed in a 1-hour examination during the school exam and at the end of the year during the NCEA exams.
The internal standards will be assessed shortly after they have been completed.
Credits avaliallbe per term are as follows.: 

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<th>Term 1</th>
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<tr>
<td>6 credits</td>
<td>8 credits</td>
<td>4 credits</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You will have a qualification that will enable you to do almost any course that requires some statistics. It will also give you an advantage in many areas where mathematics may not be a prerequisite.
CAREER PATHWAY
University courses that involve Statistics

STATISTICS – YEAR 13 - LEVEL 3

For those students who are going to major in economics, accounting, biology, geography, medicine etc. You will benefit from studying at home everyday to improve your confidence in Mathematics.

HOW WILL I LEARN?
- Working both individually and as a group member, you will learn by taking an active part in the various activities on offer. These may include, problem solving, mathematical modelling, investigations, rote learning, real life applications.

WHAT WILL I LEARN?
- Covers some pure mathematics such as simultaneous equations and linear programming. It also covers the basics of probability, probability distributions and how to analyse data.

WHAT DOES IT LEAD TO?
- Entry into courses involving Statistics at university.

WHAT DO I NEED?
- Must have at least 16 credits at Level 2. All external Level 2 standards passed.
- Two of the internals must be Merit grade.

HOW WILL IT BE ASSESSED?
- Four internal Achievement Standards assessed in terms 1 and 2 (14 credits) and two external Achievement Standards assessed in term 4 (8 credits).

SUBJECT COSTS:
- None, but it would be helpful to have a scientific calculator.

INTRODUCTION:
At least half of this course will be completely new to most students.

RECORD OF LEARNING:
14 internal credits and 8 external credits. The external standards will be assessed in a 3 hour exam during the school exam and at the end of the year during the NCEA exam. The internal standards will be assessed shortly after they have been completed. You will achieve the internal credits in each term as follows:

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<th>Term</th>
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<tr>
<td>Term 1</td>
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<td>Term 2</td>
<td>8</td>
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<td>Term 3</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You will have a much better understanding of how statistics can be used in the "real" world.
CAREER PATHWAY
University courses that involve mathematics

CALCULUS – YEAR 13 - LEVEL 3

For those students who like the challenge of mathematics and wish to study it further at university. It is essential for those students who intend to study engineering. You will benefit from studying at home everyday to improve your confidence in Mathematics. Owning a graphics calculator will benefit your learning.

HOW WILL I LEARN?
• Working both individually and as a group member, you will learn by taking an active part in the various activities on offer. These may include, problem solving, mathematical modelling, investigations, rote learning, real life applications.

WHAT WILL I LEARN?
• More advanced calculus and an introduction to the world of COMPLEX numbers.

WHAT DOES IT LEAD TO?
• Entry into courses involving mathematics at university.

WHAT DO I NEED?
You must have all credits at Level 2. At least two standards at Merit grade.

HOW WILL IT BE ASSESSED?
3 external achievement standards and 2 internal achievement standards.

SUBJECT COSTS:
None, but it would be helpful to have a scientific calculator.

INTRODUCTION:
At least half of this course will be completely new to most students.

RECORD OF LEARNING:
7 internal and 14 external credits. The external standards will be assessed in a 3 hour examination during the school exam and at the end of the year during the NCEA exam. The internal standards will be assessed shortly after they have been completed. You will achieve the internal credits in each term as follows:

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<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
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<tbody>
<tr>
<td>7 credits</td>
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</table>

WHEN YOU HAVE COMPLETED THE COURSE:
You will have the qualification necessary to do any university course that requires Mathematics.
Possible Future Pathways

Physical Education/Health

**Physical Education:** Teaching, Fitness Industry, Sports Coaching, Sport & Recreation, Armed Forces, Police Personal Trainer, Physiotherapist

**Health:** Nursing, Medicine, Law, Politics, Social Sciences, Education
HEALTH AND PHYSICAL EDUCATION PATHWAYS

Key

- Achievement Standards
- Unit Standards

Contains achievement standards as well.

University Entrance Approved

9PEH
10PEH

1PPED
1POED

1PHLH
2PHLH

2PPED

3PHLH

2POED
3POED

3PPED

2PSPT
3PSPT
CAREER PATHWAY
The skills and knowledge developed in Physical Education are important to careers in teaching, sports science, sports medicine, physiotherapy, chiropractor, nursing, police, armed forces and other services, sports coaching, sports administration, fitness trainer, personal trainer. The knowledge and understanding gained in health education leads to careers in the health fields of medicine, nursing, physiotherapy, aged care, social work, administration.

PHYSICAL EDUCATION AND HEALTH – YEAR 9
We recommend that if you are interested in physical education, medicine or sports related careers then you should study physical education in Level 1 through to Level 3. The health education component relates to physical, mental and emotional, social and spiritual well-being.

HOW WILL I LEARN?
You will learn about movement and the human body through your involvement in movement activities. You will learn how to improve your physical skills and how to be a good team member. Through health education you will learn how to make informed decisions about leading a healthy lifestyle through the topics of friendships and bullying, smoking, alcohol, drugs, pubertal change, personal hygiene and mental health.

WHAT WILL I LEARN?
In Year 9 the focus is on developing confidence in performing basic skills which can be used in a variety of contexts. You will have the opportunity to develop these skills in a wide range of both individual and group-based activities. In health education you will learn about how to build and strengthen friendships, the impact of bullying, dealing with pubertal change and looking after your body through investigating the effects of smoking, alcohol and drugs.

WHAT DOES IT LEAD TO?
Higher levels of study in health, physical education, outdoor education and sports leadership.

WHAT DO I NEED?
No pre-requisite as it is a compulsory core subject.

HOW WILL IT BE ASSESSED?
You will be assessed in the areas of skill performance, participation, book work and theory. Your skill performance will be assessed in a range of activities such as ball sports, racquet sports, athletics, movement activities and team activities. You will be expected to maintain a scrap book containing information covered in the health units. You will be assessed in the presentation of your work, the content covered and other tasks set in the units of work.

SUBJECT COSTS:
No course costs. $5.00 cost for 8 Ball programme.

INTRODUCTION:
Physical Education involves learning through and about movement. A wide range of activities is included to encourage you to develop confidence and physical and social skills. There is a focus on promoting and developing well-being of the individual and the community.

RECORD OF LEARNING:
You will be assessed in a number of sport related activities throughout the year. A record of your participation will also be maintained. These factors will also contribute towards your Junior Diploma. There will be a number of written assessment tasks to complete in the health education units.

WHEN YOU HAVE COMPLETED THIS COURSE:
CAREER PATHWAY
The skills and knowledge developed in Physical Education are important to careers in teaching, sports science, sports medicine, physiotherapy, chiropractor, nursing, police, armed forces and other services, sports coaching, sports administration, fitness trainer, personal trainer. The knowledge and understanding gained in health education leads to careers in the health fields of medicine, nursing, physiotherapy, aged care, social work, administration.

PHYSICAL EDUCATION AND HEALTH – YEAR 10
We recommend if you are interested in physical education, medicine or sports related careers then you should study physical education in Level 1 through to Level 3. The health education component relates to physical, mental and emotional, social and spiritual well-being.

HOW WILL I LEARN?
You will learn about movement and the human body through your involvement in movement activities. You will learn how to improve your physical skills and how to be a good team member. Through health education you will learn how to make informed decisions about leading a healthy lifestyle through the topics of relationship building, sexuality, developing resilience, drug culture, and being assertive.

WHAT WILL I LEARN?
In Year 10 there is a focus on using your physical skills in team-based activities while also developing a tactical understanding of games. In health education the focus is on developing healthy relationships, developing resilience with an emphasis on mental health, understanding your sexuality as well as investigating health issues in our community.

WHAT DOES IT LEAD TO?
• Higher levels of study in health, physical education, outdoor education and sports leadership.

WHAT DO I NEED?
No pre-requisite as it is a compulsory core subject.

HOW WILL IT BE ASSESSED?
You will be assessed in the areas of skill performance, participation, book work and theory. Your skill performance will be assessed in a range of activities such as ball sports, racquet sports, athletics, movement activities and team activities. You will be expected to maintain a scrap book containing information covered in the health units. You will be assessed in the presentation of your work and the content covered as well as satisfactory completion of the Managing Self workbook.

SUBJECT COSTS: N
No course costs.
$5.00 cost for 8-ball programme.

INTRODUCTION:
Physical Education involves learning through and about movement. A wide range of activities is included to encourage you to develop confidence and physical and social skills. There is a focus on promoting and developing well-being of the individual and the community.

RECORD OF LEARNING:
You will be assessed in a number of sport related activities throughout the year. You will have the opportunity to undertake a Level 1 NCEA achievement standard centred on managing self. This standard will also be used to assist in placing you in the most appropriate Level 1 physical education class. A record of your participation will also be maintained and there will be a number of written assessment tasks to complete in the health education units. These factors will also contribute towards your Junior Diploma.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have a good record of participation throughout the year and you need to achieve well in the Managing Self achievement standard if you wish to be eligible for further study in Level 1 Physical Education.
CAREER PATHWAY
The knowledge and understanding developed in health education leads to careers in the health care fields such as:
- nursing
- medicine
- physiotherapy
- social work
- aged care.

HEALTH EDUCATION – YEAR 11 - LEVEL 1
We recommend that if you are interested in careers that focus on the well-being of individuals and communities include Health as one of your subjects.

HOW WILL I LEARN?
You will learn about the factors that affect ethical issues in health within our community. You will also develop skills which will enable you to manage yourself in a variety of ‘real life’ situations. You will need to be able to write well in order to present your ideas effectively.

WHAT WILL I LEARN?
Topics include:
- Enhancing personal well-being
- Nutrition
- Using inter-personal skills to enhance relationships
- Sexuality
- Making health-enhancing decisions in drug-related situations
- Understanding strategies to support well-being.

WHAT DOES IT LEAD TO?
- Satisfactory completion of this course will lead to Levels 2 Health.

WHAT DO I NEED?
Nil

HOW WILL IT BE ASSESSED?
There is an internal component as well as an external examination. Internal standards require assignment work to be completed. You need to be able to write well in order to achieve the standards covered.

SUBJECT COSTS:
Nil

INTRODUCTION:
You will use the knowledge gained in Years 9 and 10 to further develop strategies to improve the health and well-being of individuals and communities.

RECORD OF LEARNING:
Students complete 4 internal achievement standards comprising 16 credits and 2 external achievement standards comprising 8 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
This course leads on to Level 2 Health.
CAREER PATHWAY
The skills and knowledge developed in Physical Education are important to careers in teaching, sports science, sports medicine, physiotherapy, chiropractor, nursing, sports coaching, fitness trainer, personal trainer.

PHYSICAL EDUCATION – YEAR 11 - LEVEL 1

We recommend that if you are interested in physical education, medicine or sports related careers study physical education in Level 1 through to Level 3.

HOW WILL I LEARN?
You will participate in a number of sports-related activities and you will be assessed in your skill performance in these activities and you will learn how to improve your technique as well as learning about how the human body responds to exercise. There is a mixture of practical and written work to complete. These is also a topic on the social influences that impact on your attitude towards physical activity.

WHAT WILL I LEARN?
In Level 1 Physical Education the programme includes an investigation into what affects an individual's participation in physical activity, an examination of what happens to the body during exercise, social influences in sport, teamsmanship, the learning of and performance of practical skills.

WHAT DOES IT LEAD TO?
- Level 2 physical education, outdoor education and sports leadership.

WHAT DO I NEED?
It is expected that you will have a good record of participation in Year 10 Physical Education and Health and you will have achieved well in the year 10 theory test.

HOW WILL IT BE ASSESSED?
You will be assessed in your level of participation, knowledge and understanding of how the body functions during physical activity, practical skill performance and the learning of skills and teamsmanship. Practical activities include volleyball, cross country, winter sports, juggling and ki o rahi.

SUBJECT COSTS:
No course costs

INTRODUCTION:
Students undertake a range of activities to assist them to achieve the standards offered. There is a mixture of theoretical and practical based standards.

RECORD OF LEARNING:
24 credits are offered in Level 1 Physical Education. All of the achievement standards are internally assessed. There is no external examination at the end of the year.

WHEN YOU HAVE COMPLETED THE COURSE:
Satisfactory completion of the Level 1 course allows you to continue studying physical education as well as providing the opportunity to study outdoor education and sports leadership in Year 12.
**CAREER PATHWAY**

The skills and knowledge developed in Physical Education are important to careers in teaching, sports science, sports medicine, physiotherapy, chiropractor, nursing, police, armed forces and other services, sports coaching, sports administration, fitness trainer, personal trainer.

**PHYSICAL EDUCATION OUTDOORS – YEAR 11 - LEVEL 1**

We recommend that if you are interested in physical education and learning in the outdoors then this course is an ideal way of exploring them both, as an alternative to the traditional physical education course. It leads directly on to Level 2 Outdoor Education, Sports Leadership and it can lead to Physical Education with HoF approval. You’ll need to be a positive, self-motivated and well organised team player. You must actively participate in our safety management procedures. If you do these things, then you will gain a lot from the experiences and challenges this course will offer you.

**WHAT WILL I LEARN?**

<table>
<thead>
<tr>
<th>Outdoor Education – 6 credits</th>
<th>Physical Education – 8 or 12 credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Course Outline: 16 weeks total</strong></td>
<td><strong>Course Outline: 5 x 3 week blocks (1 week spare)</strong></td>
</tr>
<tr>
<td>• Intro + ABL – 1.5 weeks</td>
<td>• Teamwork intro – Ki O Rahi</td>
</tr>
<tr>
<td>• Snorkel – 1.5 weeks in the jubilee pool during class</td>
<td>• Net/Wall games</td>
</tr>
<tr>
<td>• Kayak – 3 weeks in the jubilee pool during class and <strong>Tuakau bridge day trip</strong></td>
<td>• Invasion games</td>
</tr>
<tr>
<td>• Mountain Bike – 3 weeks at school and <strong>Hunua day trip</strong></td>
<td>• Striking/Fielding games</td>
</tr>
<tr>
<td>• Rock climb and Abseil - 4 weeks at school</td>
<td>• Fitness with a team’s challenge event to finish</td>
</tr>
<tr>
<td>• Tramp/Camp – 3 weeks at school and <strong>overnight local tramp/camp</strong></td>
<td><strong>EOTC events</strong> – half day for fitness challenge</td>
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</tbody>
</table>

**EOTC events** – 4 school days

**Assessment standards:**
- **US 20153:** experience abseiling – 1 credit
- **US 20210:** experience rock climbing – 1 credit
- **US 20818:** flat water kayak – 2 credits
- **US 20137:** mountain bike – 1 credit
- **US 20141:** orienteering – 1 credit

**WHAT DO I NEED?**

No prerequisites

**HOW WILL IT BE ASSESSED?**

Internal assessment – a mixture of unit and achievement standards.

**SUBJECT COSTS:**

Trips approximately $100
CAREER PATHWAY
The knowledge and understanding developed in health education leads to careers in the health care fields such as:

- nursing
- medicine
- physiotherapy
- social work
- aged care.

HEALTH EDUCATION – YEAR 12 - LEVEL 2
We recommend that you are interested in careers that focus on the well-being of individuals and communities you should include Health as one of your subjects.

HOW WILL I LEARN?
You will learn about the factors that affect ethical issues in health within our community. You will also develop skills which will enable you to manage yourself in a variety of ‘real life’ situations. You will need to be able to write well in order to present your ideas effectively.

WHAT WILL I LEARN?
Topics include:

- Adolescent health issues
- Managing change
- Enhancing community well-being
- Analysing personal risk
- Developing strategies to deal with issues surrounding sexuality.

WHAT DOES IT LEAD TO?
- Satisfactory completion of this course will lead to Level 3 Health and/or tertiary study in a health-related field.

WHAT DO I NEED?
Students must achieve at least 16 credits in Level 1 Health, including at least an achieved grade in one of the external standards.

HOW WILL IT BE ASSESSED?
There is an internal component as well as an external examination. Internal standards require essays to be completed. You need to be able to write well in order to achieve the standards covered.

SUBJECT COSTS:
Nil

INTRODUCTION:
You will use the knowledge gained in Level 1 to further develop and expand on strategies to improve the health and well-being of individuals and communities.

RECORD OF LEARNING:
Students complete 3 internal achievement standards comprising 15 credits and 2 external achievement standards comprising 9 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
This course leads on to Level 3 Health.
CAREER PATHWAY
The skills and knowledge gained in Outdoor Education are ideal for teaching, outdoor instructing, adventure tourism, environmental associated careers and any career involving working with others.

OUTDOOR EDUCATION – YEAR 12 - LEVEL 2
We recommend that if you are interested in the outdoors, meeting challenges and exploring and pushing your personal limits then include Outdoor Education as one of your subjects.

HOW WILL I LEARN?
You will have the opportunity to practically experience a range of outdoor pursuits through which you’ll learn how to manage risk in the outdoors and plan effectively to gain the most from these experiences. You will learn a lot about your ability to meet challenges and to work well with others in the outdoors.

WHAT WILL I LEARN?
- Practical skills through participation
- Confidence
- Self management
- Interpersonal skills
- Environmental care

WHAT DOES IT LEAD TO?
- Level 3 outdoor education. Students who achieve well in Level 2 outdoor education may be considered for Level 3 physical education and/or sport leadership.

WHAT DO I NEED?
Entry is open to anyone. However, you should have an interest in the outdoors and a positive attitude towards meeting challenges. It will be an advantage if you have gained at least 16 credits in Level 1 Physical Education or completed a level of Duke of Ed.

OUTDOOR PURSUITS UNDERTAKEN INCLUDE:
- Snorkelling
- Kayaking
- ABL
- Tramping
- Camping
- Mountain biking
- Rock climbing and Abseiling

HOW WILL IT BE ASSESSED?
You are required to display competency in practical skills over a range of outdoor pursuit activities. You will also be required to complete written work as part of several of the standards. Most standards require trips out of school in order to meet assessment requirements.

SUBJECT COSTS:
$400 which covers some of the costs of EOTC events. Participation in these events is essential in order for students to achieve the standards offered. Payment for the total amount or a payment plan must be set up by the end of February.

INTRODUCTION:
If you select this course of study you must be prepared to meet all written commitments in order to be eligible to participate in the associated practical activities. You must also be prepared to undertake all of the activities which are offered. Perseverance and resilience are important qualities that you will need.

RECORD OF LEARNING:
The course involves unit standards in outdoor recreation. The selected standards offer a total of 20 credits at Level 2.

WHEN YOU HAVE COMPLETED THE COURSE:
If you achieve well in Level 2 outdoor education, you may continue on to Level 3 Outdoor ed and may be considered for Level 3 physical education and/or sport leadership.
CAREER PATHWAY
The skills and knowledge developed in Physical Education are important to careers in teaching, sports science, sports medicine, physiotherapy, chiropractor, nursing, police, armed forces and other services, sports coaching, sports administration, fitness trainer, personal trainer.

PHYSICAL EDUCATION – YEAR 12 - LEVEL 2
We recommend that if you are interested in physical education or sports related careers, in particular, you should study this course as an alternative to the pure physical education course.

HOW WILL I LEARN?
You will participate in a number of sports-related activities and you will be assessed your skill performance in these activities and how to improve your technique as well as learning about how the human body responds to exercise. There is a mixture of practical and written work to complete. Another topic looks at the role of physical activity and a further topic investigates the impact of a sporting event on self, others and society.

WHAT WILL I LEARN?
In Level 2 Physical Education the programme includes an investigation into the role and significance of physical activity, the biophysical principles of anatomy, biomechanics and skill learning and how they can enhance the performance of sports-related skills, the biophysical principles of training, the influence of sport in society, and developing social responsibility through sports participation.

WHAT DOES IT LEAD TO?
• Level 3 physical education and sports leadership.

WHAT DO I NEED?
You will have achieved a minimum of 20 credits in Level 1 Physical Education including at least an achieved grade in 1.2.

HOW WILL IT BE ASSESSED?
You will be assessed in your knowledge and understanding of how the body functions during physical activity, the learning of skills, practical skill performance, the role of physical activity and sport in society. Practical activities include volleyball, unicycling, juggling and turbo touch. Other forms of assessment used include written tests, assignments and reports.

SUBJECT COSTS:
No course costs. There is a $25.00 cost for the student work book.

INTRODUCTION:
You will undertake a range of activities to assist you to achieve the standards offered. There is a mixture of theoretical and practical based standards. There is an emphasis on applying the concepts covered in class.

RECORD OF LEARNING:
23 credits are offered in Level 2 Physical Education. All of the achievement standards are internally assessed. There is no external examination at the end of the year.

WHEN YOU HAVE COMPLETED THE COURSE:
Satisfactory completion of the Level 2 course allows students to continue studying physical education at Level 3 and scholarship. This will also provide a sound foundation for studying in a number of related areas. This can also provide you with the opportunity to apply for a number of tertiary courses.
**CAREER PATHWAY**
The knowledge and skills gained in the Sport Leadership programme are important in careers involving sport event management, sports coaching, training, fitness instructing, personal training, sports coordinator and recreation management.

**SPORT LEADERSHIP – YEAR 12 - LEVEL 2**
We recommend that if you are interested in sport, fitness, outdoor education or physical education include Sport Leadership as one of your subjects.

**HOW WILL I LEARN?**
You will be provided with a number of sports leadership opportunities and you will learn how to teach sports skills and to coach effectively. You will learn how to plan well for sporting activities and how to manage a variety of sporting situations.

**WHAT WILL I LEARN?**
Units included are:
- Adventure based learning
- Managing personal physical fitness
- Applying basic anatomy to the performance of sport skills
- Innovative games
- Leadership in physical activity.

**WHAT DOES IT LEAD TO?**
- MIT Certificate of Achievement in Sport Studies (Level 2). Level 3 Sport Leadership.
  Students who achieve well may be considered for Level 2 or 3 Physical Education.

**WHAT DO I NEED?**
Selection for the course will follow an interview. Students must also have achieved the 1.3 achievement standard in physical education and be a registered member of a sports team.

**SUBJECT COSTS:**
$15.00 to cover costs associated with use of community facilities.

**INTRODUCTION:**
You will:
- experience sport leadership opportunities.
- develop an understanding of fundamental skills
- develop their delivery style and be innovative in their game design
- identify muscle groups and systems targeted by exercises

**RECORD OF LEARNING:**
The programme comprises unit standards at Levels 1 and 2. Students will need to complete at least 4 of these standards to achieve a minimum of 16 credits to achieve the MIT Certificate of Achievement in Sport Studies (Level 2).

**WHEN YOU HAVE COMPLETED THE COURSE:**
A minimum of 16 credits will enable you to qualify for the MIT Certificate of Achievement in Sport Studies (Level 2). This will enable you to continue with the Level 3 Sport Leadership course.
CAREER PATHWAY
The knowledge and understanding developed in health education leads to careers in the health care fields such as:

- nursing
- medicine
- physiotherapy
- social work
- aged care.

HEALTH EDUCATION – YEAR 13 - LEVEL 3
We recommend that if you are interested in careers that focus on the well-being of individuals and communities include Health as one of your subjects.

HOW WILL I LEARN?
The course aims to provide knowledge and skills which will enable students to manage themselves in a variety of ‘real life’ situations. It also aims to promote understanding of ethical issues which affect our society.

WHAT WILL I LEARN?
Topics include:

- Analyse a New Zealand health issue
- Analyse an international health issue
- Evaluate health practices currently used in New Zealand
- Analyse a contemporary ethical issue in relation to well-being
- Evaluate models of health promotion.

WHAT DOES IT LEAD TO?
- Tertiary study in a health-related field.

WHAT DO I NEED?
Students must achieve at least 16 credits in Level 2 Health, including an achieved grade or better in one of the Level 2 external exams.

HOW WILL IT BE ASSESSED?
There is an internal component as well as an external examination. Internal standards require essays to be completed. You need to be able to write well in order to achieve the standards covered.

SUBJECT COSTS:
Nil

INTRODUCTION:
You will use the knowledge gained in Level 2 to further develop and expand on strategies to improve the health and well-being of individuals and communities.

RECORD OF LEARNING:
Students complete 3 internal achievement standards comprising 14 credits and 2 external achievement standards comprising 10 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
This course leads on to tertiary courses related to Health Education or careers in the Health sector.
CAREER PATHWAY
The skills and knowledge gained in Outdoor Education are ideal for teaching, outdoor instructing, adventure tourism, environmental associated careers and any career involving working with others.

OUTDOOR EDUCATION – YEAR 13 - LEVEL 3
We recommend that if you are interested in the outdoors, meeting challenges and exploring and pushing your personal limits include Outdoor Education as one of your subjects.

HOW WILL I LEARN?
You will have the opportunity to experience a range of practical outdoor pursuits. There is also a significant amount of theory work at this level that is focused on the essential planning and risk management needed to gain the most from these experiences.

WHAT WILL I LEARN?
- Practical skills through participation
- Confidence
- Self-management
- Interpersonal skills
- Knowledge about the environment

WHAT DOES IT LEAD TO?
- Tertiary study in any outdoor related courses and any careers involving the outdoors, leadership and dealing with people.

Level 3 outdoor education can include:
- Bush survival skills (compulsory)
- Risk management (compulsory)
- Scuba diving
- Sea kayaking
- Rock Climbing
- Tramping (compulsory)
- Skiing or Snowboarding
- Mountain biking

WHAT DO I NEED?
Students must have achieved at least 16 credits in Level 2 Outdoor Education or by interview with the HoD.

HOW WILL IT BE ASSESSED?
You are required to display competency in practical skills over a range of outdoor pursuit’s activities. You will also be required to complete written work as part of the standards. All standards require trips out of school in order to meet assessment requirements.

SUBJECT COSTS:
$150 base cost which covers the 2 compulsory trips (bush survival and tramping). Participation in further trips is optional and costs vary depending on the trip.

INTRODUCTION:
If you select this course of study you must be prepared to meet all written commitments in order to be eligible to participate in the associated practical activities. Perseverance and resilience are important qualities you will need.

RECORD OF LEARNING:
The course involves unit standards in outdoor recreation at level 3. There are 8 compulsory credits, with a further 28 optional credits.

WHEN YOU HAVE COMPLETED THE COURSE:
Completion of the standards offered will provide you with a skill set which could enable you to seek work in the outdoor pursuits industry or to apply for a range of tertiary courses in outdoor pursuits.
CAREER PATHWAY
The skills and knowledge developed in Physical Education are important to careers in teaching, sports science, sports medicine, physiotherapy, chiropractor, nursing, police, armed forces and other services, sports coaching, sports administration, fitness trainer, personal trainer.

PHYSICAL EDUCATION – YEAR 13 - LEVEL 3
We recommend if you are interested in physical education or sports related careers, in particular, you should study this course as an alternative to the pure physical education course.

HOW WILL I LEARN?
You will learn about how to effectively apply biomechanical knowledge to improving your skill performance in a chosen sporting activity. You will be assessed in your ability to perform skills in selected activities. There is a mixture of practical and written work and you will also learn about what influences people to participate in physical activities as well as investigating issues which have a significant impact on sport.

WHAT WILL I LEARN?
In Level 3 Physical Education the programme includes evaluating physical activity experiences, skill performance analysis, training and practising for improvement health promotion of physical activity and the impact of a sporting event, issue or trend on society. Leadership in physical activity is also an area explored in conjunction with local primary schools.

WHAT DOES IT LEAD TO?
• Tertiary courses in physical education, teaching, fitness instruction, personal training.

WHAT DO I NEED?
Students will have achieved a minimum of 16 credits in Level 2 Physical Education including at least an achieved grade in 2.2 and 2.3. It is recommended that students have a good understanding of literacy.

HOW WILL IT BE ASSESSED?
You are primarily assessed in how well you are able to apply your knowledge and understanding of how the body functions in physical activity. Practical activities include badminton, swimming and instructing primary school students. The majority of the assessments are to be presented in a report format.

SUBJECT COSTS:
There is a $75.00 to cover outside providers for physical activities included in module 3.1. There is a cost of $6.50 for the Key Concepts booklet.

INTRODUCTION:
You undertake a range of activities to assist you to achieve the standards offered. There is a mixture of theoretical and practical based standards. There is an emphasis on applying the biomechanical concepts learned in class and critically evaluating.

RECORD OF LEARNING:
24 credits are offered in Level 3 Physical Education including an optional module (3.5). All of the achievement standards are internally assessed. There is no external examination at the end of the year. Interested students are encouraged to enter the scholarship examinations.

WHEN YOU HAVE COMPLETED THE COURSE:
Satisfactory completion of the Level 3 course allows students to apply for a number of tertiary courses.
CAREER PATHWAY
The knowledge and skills gained in the Sport Leadership programme are important in careers involving sport event management, sports coaching, training, fitness instructing, personal training, sports coordinator and recreation management.

SPORT LEADERSHIP – YEAR 13 - LEVEL 3
We recommend that if you are interested in sport, fitness, outdoor education or physical education include Sport Leadership as one of your subjects.

HOW WILL I LEARN?
- You will be provided with a number of sports leadership opportunities and you will learn how to teach sports skills and to coach effectively. You will learn how to plan well for sporting activities and how to manage a variety of sporting situations.

WHAT WILL I LEARN?
- Units included are:
  - Role of the coach
  - Conducting and reviewing a beginner level coaching session
  - Pre-competition officiating
  - Demonstrating exercise techniques
  - Delivering sport skills through teaching.

WHAT DOES IT LEAD TO?
- MIT Certificate of Achievement in Sport Studies (Level 3). A tertiary course involving sport or recreation.

INTRODUCTION:
You will:
- experience a range of sport leadership opportunities
- develop a coaching philosophy and coaching style
- determine an athlete’s ability to learn and perform fundamental skills
- conduct, review and adapt a skill practice of fundamental skills
- demonstrate exercise techniques and assist clients in fitness activities.

RECORD OF LEARNING:
The programme comprises unit standards at Level 3. Students need to complete at least 4 standards to achieve a minimum of 21 credits to achieve the MIT Certificate of Achievement in Sports Studies (Level 3).

WHEN YOU HAVE COMPLETED THE COURSE:
A minimum of 21 credits will enable you to qualify for the MIT Certificate of Achievement in Sport Studies (Level 3). This will enable you to apply for tertiary courses at MIT.

WHAT DO I NEED?
Selection for the course will follow an interview. Students must also be a registered member of a sports team, have a team to coach and be prepared to officiate in their chosen sport.

HOW WILL IT BE ASSESSED?
Students are assessed in practical activities as well as completing written assignments associated with their practical activities.

SUBJECT COSTS:
$25.00 for student workbook.
$40.00 for gym membership during the fitness unit.
Possible Future Pathways

Science

**Biology:** Medicine, Nursing Technician, Technologist, Marine Biologist, Zoologist, Veterinarian/Vet Nurse

**Chemistry:** Pharmacist, Bio-Chemist, Industrial Chemist, Forensic Scientist

**Physics:** Engineer, Pilot, Medicine, Physicist, Meteorology, Geophysics, Astronomy, Medical Radiation Technician

**Horticulture:** Tree Surgeon, Nursery Production Manager, Packhouse Supervisor, Orchard Grower

*See careers pages for more information*
CAREER PATHWAY
Nursing, apprenticeships, polytechnic courses.

SCIENCE — YEAR 9

It is recommended that all students have a basic knowledge of science, to aid understanding of the modern world. This subject is compulsory in Year 9.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
• Basic practical skills, chemistry, physics and biology content.

WHAT DOES IT LEAD TO?
• Year 10 Science

WHAT DO I NEED?
A positive attitude.
Year 9 home learning book.
Exercise book.

HOW WILL IT BE ASSESSED?
Common topic assessments

SUBJECT COSTS:
No course COSTS
Subject costs will include approximately $9 for home learning book.

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the Science concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this will include skills taught as well as the content.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have gained a basic knowledge in some biology, chemistry and physics topics.
CAREER PATHWAY
This subject leads to a wide variety of careers including Research scientist, medical sciences, engineering, forestry, conservation, agriculture, aviation, industry.

SCIENCE – YEAR 10
It is recommended that all students have a basic knowledge of science to aid understanding of the modern world. This subject is compulsory in Year 10.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
- Basic practical skills, chemistry, physics and biology content.

WHAT DOES IT LEAD TO?
- Year 11 Science

WHAT DO I NEED?
A positive attitude.
Year 10 home learning book.
Exercise book.

HOW WILL IT BE ASSESSED?
Common topic assessments

SUBJECT COSTS:
No course costs
Subject costs will include approximately $9 for home learning book.

INTRODUCTION:
Each topic (AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the Science concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own common assessments - this will include skills taught as well as the content.
Extension: NCEA credits
Top band classes = 4 external Level 1 credits
Mixed band classes = 3 internal Level 1 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
Students should have gained achieved or better grades to enable them to continue a Level 1 internal/external Science course.
CAREER PATHWAY
This subject leads a wide variety of careers: agriculture and horticulture industry, environmental science, science and resource management.

RURAL SCIENCE – YEAR 10
This subject is for students interested in earning a living outdoors. Previous experience of gardening or animal handling is not necessary. A willingness to learn is essential.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
• Students will learn a range of skills and about opportunities available in the primary production industries. You will be better informed about making choices for year 11 which may involve choosing Agriculture or Horticulture as a career.

WHAT DOES IT LEAD TO?
• Year 11 Agriculture and / or Horticulture

WHAT DO I NEED?
A positive attitude.

HOW WILL IT BE ASSESSED?
End of topic tests and in-topic projects.

SUBJECT COSTS:
No course COSTS. Subject costs will include Field trip costs approx $30

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the Science concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this will include skills taught as well as the content.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have gained a basic knowledge about the agriculture and horticulture industries.
CAREER PATHWAY
This subject leads a wide variety of careers: agriculture and horticulture industry, environmental science, science and resource management, food production.

AGRICULTURAL AND HORTICULTURAL SCIENCE – YEAR 11 - LEVEL 1
This subject is for students interested in understanding plant and animal production systems in New Zealand. It involves some practical plant and animal handling, so students must have a liking for working with animals and outdoors.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills, and research of current issues/thinking.

WHAT WILL I LEARN?
- Soils Science.
- Pasture and crop management.
- Animal husbandry.
- Animal handling skills.
- Agriculture science investigation.
- Geographical distribution of Ag/hort in NZ
- Environmental impact of Ag/hort in NZ
- Propagation skills – asexual and sexual.
- Growing a range of plants
- Soil science
- Plant husbandry and management practices

WHAT DOES IT LEAD TO?
- Year 12 Agriculture or Year 12 Horticulture

INTRODUCTION:
Each topic (AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the Agriculture and Horticulture concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment – this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.
Internal standards = 12 credits
External Standards = 9 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 2 Agriculture or Horticulture. Each student has the opportunity to gain 21 Level 1 credits.

WHAT DO I NEED?
A proven interest in the subject. Achieved or better grades in Rural Science or Science OR with the approval of HOD.

HOW WILL IT BE ASSESSED?
Internal standards are assessed in a variety of ways; field study, investigations, research and report writing.
External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course costs
Subject costs will include field trip cost of approx $90
CAREER PATHWAY
This subject leads to a wide variety of careers including Research scientist, medical sciences, engineering, forestry, conservation, agriculture, aviation, industry.

SCIENCE A – YEAR 11 - LEVEL 1
It is recommended that all students have a basic knowledge of science, to aid an understanding of the modern world. This subject is compulsory at Level 1.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
• Topics that are covered are; acids and bases, mechanics, genetics, electricity and magnetism, physics practical investigation and chemistry practical investigation.

WHAT DOES IT LEAD TO?
• Year 12 Biology
• Year 12 Chemistry
• Year 12 Electronics
• Year 12 Physics
• Year 12 Earth and Space Science
• Year 12 Agriculture
• Year 12 Horticulture

WHAT DO I NEED?
Has demonstrated satisfactory achievement in year 10 Science assessments.

HOW WILL IT BE ASSESSED?
Internal standards are assessed by investigations and report writing. External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No Course COSTS. Subject COSTS will include 4 workbooks – total cost approx $36

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately:- the terminology and then the science concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. Internal standards = 8 credits External standards = 16 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 2 sciences. Each student has the opportunity to gain 24 Level 1 credits.
CAREER PATHWAY
This subject leads to a wide variety of careers including Research scientist, medical sciences, engineering, forestry, conservation, agriculture, aviation, industry.

SCIENCE B – YEAR 11 - LEVEL 1
It is recommended that all students have a basic knowledge of science to aid understanding of the modern world. This subject is compulsory at Level 1.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
- Skills and content in preparation for year 12 sciences, including topics acids and bases, mechanics, genetics, physics practical investigation and chemistry practical investigation.

WHAT DOES IT LEAD TO?
- Year 12 Biology
- Year 12 Chemistry
- Year 12 Electronics
- Year 12 Physics
- Year 12 Earth and Space Science
- Year 12 Agriculture
- Year 12 Horticulture

WHAT DO I NEED?
Has demonstrated satisfactory achievement in year 10 Science assessments

HOW WILL IT BE ASSESSED?
Internal standards are assessed by research and report writing. External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course COSTS
Subject costs will include 3 Workbooks - cost approx $27

INTRODUCTION:
Each topic (AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the science concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.
Internal standards = 8 credits
External standards = 12 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for level 2 sciences
Each student has the opportunity to gain 20 Level 1 credits
CAREER PATHWAY
Apprenticeships, polytechnic courses

SCIENCE C – YEAR 11 - LEVEL 1

It is recommended that all students have a basic knowledge of science, to aid understanding of the modern world. This subject is compulsory at Level 1.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
- Research and practical skills in relation to content being covered.

WHAT DOES IT LEAD TO?
- Year 11 Science B

<table>
<thead>
<tr>
<th>WHAT DO I NEED?</th>
<th>HOW WILL IT BE ASSESSED?</th>
<th>SUBJECT COSTS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some knowledge and skills from Year 9 and 10 Science.</td>
<td>Internal standards are assessed in a variety of ways; investigations, research and report writing.</td>
<td>No course COSTS Subject costs will include approximately $16 for workbooks.</td>
</tr>
</tbody>
</table>

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the science concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. All standards are internally assessed. Internal standards = 19 to 23 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 1 Science B or Level 2 Earth and Space Science. Each student has the opportunity to gain up to 23 Level 1 credits.
CAREER PATHWAY
This subject leads a wide variety of careers: agriculture and horticulture industry, environmental science, science and resource management, food production.

AGRICULTURE – YEAR 12 - LEVEL 2
This subject is for students interested in a career in Agriculture. Those students wishing to study Agriculture at Tertiary level should consider Chemistry as well.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving and research skills.

WHAT WILL I LEARN?
• Practical Investigation.
• Research into reproduction modification.
• Field and Case Study of environmental impact.
• Environmental modification.
• Growth and Development.
• Environmental impact of agriculture

WHAT DOES IT LEAD TO?
• Year 13 Agriculture / Horticulture

WHAT DO I NEED?
12 NCEA credits in external AS level 1 Agriculture / Horticulture, or 12 NCEA credits from any other Science and with approval of HOD.

HOW WILL IT BE ASSESSED?
Internal standards are assessed in a variety of ways; field study, investigations, research and report writing. External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course COSTS
Subject costs will include Field Trip cost of approx $30

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the Agriculture concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. Internal standards = 12 credits External standards = 8 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 3 Agriculture / Horticulture. Each student has the opportunity to gain 20 Level 2 credits.
CAREER PATHWAY
This subject leads to a wide variety of careers: medical sciences, food technology, marine biology, ecology, botany, zoology, veterinary science, teaching, environmental engineering

BIOLOGY – YEAR 12 - LEVEL 2
We recommend this subject to students who are interested in finding out about how and why living organisms function and interact with one another as they do. At tertiary level this subject is closely connected to Chemistry. It is advised to consider biology in combination with chemistry.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, experiments and field work. Theory work will involve both individual and group work along with reading and writing skills.
• 12 Biology will have two courses where students will be placed based on their progress in Year 11 Science.

WHAT WILL I LEARN?
• Biology language, structures, functions and processes involved in each topic.

WHAT DOES IT LEAD TO?
• Year 13 Biology

WHAT DO I NEED?
Complete year 11 science with a minimum of achieved in all external Achievement Standards.

HOW WILL IT BE ASSESSED?
Internal assessments are assessed in a variety of ways – practicals, research and field studies. External Standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course COSTS
Workbook - cost approx $26
Field trip costs approx $30

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately:- the terminology and then the biological concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. Internal 11 credits External 12 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 3 Biology. Each student has the opportunity to gain up to 22 level 2 credits.
CAREER PATHWAY
This subject leads to a wide variety of careers: industry, medical sciences, engineering, food technology, veterinary science, teaching, environmental science,

CHEMISTRY – YEAR 12 - LEVEL 2
Chemistry is a link to other Science subjects such as Biology and Physics at tertiary level. An interest and passion for finding out how substances exist and react with one another and the application of it in the real world is needed.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
• Carry out acid-base titration, solving quantitative problems, understanding what oxidation-reduction reaction is, explaining different types of bonding in solids, structure and functional group of Organic chemistry, analysing chemical reactivity.

WHAT DOES IT LEAD TO?
• Year 13 Chemistry

WHAT DO I NEED?
Complete year 11 science with a minimum of achieved in all external Achievement Standards. Taking Level 2 maths would be an advantage.

HOW WILL IT BE ASSESSED?
Internal Standards are assessed in a variety of ways – investigations, research and report writing. External Standards will be assessed in the external end of year exam.

SUBJECT COSTS:
No course COSTS
Workbook - cost approx $35

INTRODUCTION:
Each topic(AS) has its own specific learning outcomes with key terminology and achievement criteria which requires the use of Chemistry vocabulary, symbols and conventions.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.
Internal Standards = 7 credits
External Standards = 13 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 3 Chemistry. Each student has the opportunity to gain 20 Level 2 credits.
CAREER PATHWAY
This subject leads a wide variety of careers: Education, geology, mining industry, hydrology, science technician, environmental science, science journalism, and resource management.

EARTH AND SPACE SCIENCE – YEAR 12 - LEVEL 2
This subject is recommended for students intending to study geology, environmental science, marine studies, or any science based degree.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
- Skills include being able to research and write scientific reports, investigate and complete a field study.

WHAT DOES IT LEAD TO?
- Year 13 Earth and Space Science

WHAT DO I NEED?
Minimum achievement of 12 credits in Science which includes Chemistry or Physics 1.1 and at least one external or HOD approval.

HOW WILL IT BE ASSESSED?
Internal standards are assessed in a variety of ways; field study, investigations, research and report writing. External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course COSTS
Subject costs will include Field Trip cost of approx $120 Workbook approximately $35

INTRODUCTION:
Each topic (AS) has its own terminology. You will be introduced to the terminology of each topic separately along with the earth and space concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.
Internal Standards = 12 credits
External Standards = 8 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for level 3 Earth and Space Science. Each student has the opportunity to gain 20 Level 2 credits.
CAREER PATHWAY
This subject leads to careers in the Electro technology Industry, electrician, electronics technician, engineering, computer technician.

Electronics – Year 12 - Level 2
Recommended for students looking for a career in the electrotechnology field.

How Will I Learn?
You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

What Will I Learn?
• Recognise electronic components.
• Construct and test circuits.
• Learn electronic techniques - soldering, PCB construction.

What Does It Lead To?
• ECOA certificate
• Level 2 Electrotechnology

What Do I Need?
15 credits in NCEA Mathematics Level 1. An interest in electronics is expected.

How Will It Be Assessed?
Internal Standards are assessed in a variety of ways – investigations, research and report writing.

Subject Costs:
No course COSTS. Subject costs will include Certificate costs of $25.

Introduction:
Each topic (AS) has its own specific learning outcomes with key terminology and achievement criteria which requires the use of Electronics vocabulary, symbols and conventions.

Record of Learning:
Each topic will have its own assessment - this may include skills taught as well as the content.
Internal Unit Standards = 24 credits

When You Have Completed The Course:
The skills and content will prepare you for a career in the electrotechnology field. Each student has the opportunity to gain 24 level 2 credits.
CAREER PATHWAY
This subject leads a wide variety of careers: agriculture and horticulture industry, environmental science, science and resource management, food production.

HORTICULTURE – YEAR 12 - LEVEL 2
This subject is for students interested in a career in Horticulture. Those students wishing to study Horticulture at Tertiary level should consider Biology as well.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving and research skills.

WHAT WILL I LEARN?
- Practical Investigation.
- Environmental impact.
- Plant reproduction.
- Plant growth and development.
- Environmental modification and impact.

WHAT DOES IT LEAD TO?
- Year 13 Agriculture / Horticulture

WHAT DO I NEED?
12 NCEA credits in external AS level 1 Horticulture, or 12 NCEA credits from any other Science and with approval of HOD.

HOW WILL IT BE ASSESSED?
Internal standards are assessed in a variety of ways; field study, investigations, research and report writing. External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course COSTS
Subject costs will include Field Trip cost of approx $30

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately:- the terminology and then the Horticulture concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.
Internal standards = 12 credits
External standards = 8 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for Level 3 Agriculture / Horticulture. Each student has the opportunity to gain 20 Level 2 credits.
**CAREER PATHWAY**
This subject leads to a wide variety of careers: architecture, industry, medical sciences, engineering, food technology, veterinary science, teaching, pilot, technician

**PHYSICS – YEAR 12 - LEVEL 2**

This subject would appeal to those students who have mathematical ability and are interested in finding out how things work.

**HOW WILL I LEARN?**
- You will learn in a number of different ways. There will be hands on activities such as practicals, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

**WHAT WILL I LEARN?**
- Physics formula, how these are applied.
- Explaining how "things work".
- How this can be applied to the real world.

**WHAT DOES IT LEAD TO?**
- Year 13 Physics

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**WHAT DO I NEED?**
Complete year 11 science with a minimum of achieved in all external Achievement Standards. Good mathematical skills are essential.

**HOW WILL IT BE ASSESSED?**
Internal Standards are assessed in a variety of ways – investigations, research and report writing. External Standards will be assessed in the external end of year exam.

**SUBJECT COSTS:**
No course costs
Workbook - cost approx $30

**INTRODUCTION:**
Each topic(AS) has its own specific learning outcomes with key terminology and achievement criteria which requires the use of Physics vocabulary, symbols and conventions.

**RECORD OF LEARNING:**
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.

Internal Standards = 3 credits
External Standards = 16 credits.
Optional Internal Standard = 3

**WHEN YOU HAVE COMPLETED THE COURSE:**
The skills and content will prepare you for level 3 Physics. Each student has the opportunity to gain 22 level 3 credits.
CAREER PATHWAY
This subject leads a wide variety of careers: agriculture and horticulture industry, environmental science, science and resource management, food production.

AGRICULTURE AND HORTICULTURE – YEAR 13 - LEVEL 3
This subject is for students interested in a career in Agriculture or Horticulture. Those wishing to study these subjects at tertiary level ideally need to be studying Chemistry, Biology and Calculus as well.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
- Manipulation of the production process to meet market requirements.
- Analysis of a primary production environmental issue.
- Investigation of a primary production process.
- Research factors affecting profitability.

WHAT DOES IT LEAD TO?
- University study leading to a variety of career paths in food chain production. There is a high demand for skilled people in this area.

WHAT DO I NEED?
12 NCEA credits in external AS level 2 Agriculture / Horticulture, or 12 NCEA credits from any other Science and with approval of HOD.

WHAT WILL IT BE ASSESSED?
- Internal standards are assessed in a variety of ways; field study, investigations, research and report writing. External standards will be assessed in the external end of year exams.
- No course COSTS
- Subject costs will include: Field Trip cost of approx $30

INTRODUCTION:
Each topic(AS) has its own terminology. You will be introduced to each topic separately: the terminology and then the Agriculture / Horticulture concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. Internal standards = 10 credits External standards = 9 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for tertiary study. Each student has the opportunity to gain 19 Level 3 credits.
CAREER PATHWAY
This subject leads a wide variety of careers: medical sciences, food technology, marine biology, ecology, botany, zoology, veterinary science, teaching, environmental engineering.

BIOLOGY – YEAR 13 - LEVEL 3
At tertiary level this subject is closely connected to Chemistry. It is advised to consider biology in combination with chemistry.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, experiments and field trips. Theory work will involve both individual and group work along with reading and writing skills.

WHAT WILL I LEARN?
• Biology language, structures, functions and processes.
• Research and biological report writing skills.
• How biological technology is challenging societies standards.

WHAT DOES IT LEAD TO?
• Tertiary study leading to a variety of career paths.

WHAT DO I NEED?
Complete Level 2 Biology with a minimum of achieved in all external Achievement Standards.

HOW WILL IT BE ASSESSED?
Internal Standards are assessed in a variety of ways – investigations, research and report writing. External Standards will be assessed in the external end of year exam.

SUBJECT COSTS:
No course COSTS Workbook - cost approx $30 Field trip costs approx $55

INTRODUCTION:
Each topic has its own terminology. You will be introduced to each topic separately, the terminology and then the biological concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. Internal = 6 credits External = 13 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for tertiary study. Each student has the opportunity to gain 19 Level 3 credits.
CAREER PATHWAY
This subject leads to a wide variety of careers: industry, medical sciences, engineering, food technology, veterinary science, teaching, environmental science,

CHEMISTRY – YEAR 13 - LEVEL 3
Chemistry is a link to other Science subjects such as Biology and Physics at tertiary level. An interest and passion for finding out how substances exist and react with one another and the application of it in the real world is needed.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, experiments and demonstrations. Theory work will involve both individual and group work along with reading and writing skills.

WHAT WILL I LEARN?
• Plan and carry out an extended investigation, form links between oxidation-reduction reaction, understanding shapes and polarity and properties of molecules, calculations involving thermochemistry, understand structure, properties and reactivity of organic molecules, determining structure using spectroscopy data.

WHAT DOES IT LEAD TO?
• Tertiary study leading to a variety of career paths.

WHAT DO I NEED?
Complete Level 2 Chemistry with a minimum of achieved in all external Achievement Standards. Good mathematical skills an advantage.

HOW WILL IT BE ASSESSED?
Internal Standards are assessed in a variety of ways – investigations, research and report writing. External Standards will be assessed in the external and end of year exam.

SUBJECT COSTS:
No course COSTS
Workbook - cost approx $35

INTRODUCTION:
Each topic(AS) has its own specific learning outcomes with key terminology and achievement criteria which requires the use of Chemistry vocabulary, symbols and conventions.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.
Internal = 10 credits
External Standards = 10 credits
Optional external standard = 5 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for tertiary study.
Each student has the opportunity to gain 25 level 3 credits.
CAREER PATHWAY
This subject leads to a wide variety of careers: Education, geology, mining industry, hydrology, science technician, environmental science, science journalism, and resource management.

EARTH AND SPACE SCIENCE – YEAR 13 - LEVEL 3
This subject is recommended for students intending to study geology, environmental science, marine studies, or any science based degree.

HOW WILL I LEARN?
• You will learn in a number of different ways. There will be hands on activities such as practicals, field work, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem solving skills.

WHAT WILL I LEARN?
• Skills include being able to research and write scientific reports, investigate and complete a field study.

WHAT DOES IT LEAD TO?
• University study or workplace careers.

WHAT DO I NEED?
Minimum of 12 credits in NCEA Level 2 Earth, or 12 credits from Level 2 Biology, Chemistry or Physics and HOD approval.

HOW WILL IT BE ASSESSED?
Internal standards are assessed in a variety of ways; field study, investigations, research and report writing. External standards will be assessed in the external end of year exams.

SUBJECT COSTS:
No course COSTS
Subject costs will include: Field Trip cost of approx $200.
Wrokbook approx $35

INTRODUCTION:
Each topic (AS) has its own terminology. You will be introduced to the terminology of each topic separately along with the earth and space concepts and processes in each topic.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards.

Internal Standards = 16 credits
External Standards = 4 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for tertiary study or workplace careers. Each student has the opportunity to gain 20 Level 3 credits.
CAREER PATHWAY
This subject leads to a wide variety of careers: Architecture, industry, medical sciences, engineering, food technology, veterinary science, teaching, pilot, technician

PHYSICS – YEAR 13 - LEVEL 3
This subject would appeal to those students who have mathematical ability and are interested in finding out how things work.

HOW WILL I LEARN?
- You will learn in a number of different ways. There will be hands on activities such as practicals, experiments, and demonstrations. Theory work will involve both individual and group work along with reading, writing and problem-solving skills.

WHAT WILL I LEARN?
- Physics formula, how these are applied.
- Explaining how "things work".
- How this can be applied to the real world.

WHAT DOES IT LEAD TO?
- Tertiary study leading to a variety of career paths.

WHAT DO I NEED?
Complete Level 2 Physics with a minimum of achieved in all external Achievement Standards. Good mathematical skills is essential.

WHAT WILL IT BE ASSESSED?
- Internal Standards are assessed in a variety of ways – investigations, research and report writing. External Standards will be assessed in the external end of year exam.

SUBJECT COSTS:
No course COSTS
Workbook - cost approx $35

INTRODUCTION:
Each topic(AS) has its own specific learning outcomes with key terminology and achievement criteria which requires the use of Physics vocabulary, symbols and conventions.

RECORD OF LEARNING:
Each topic will have its own assessment - this may include skills taught as well as the content. There is an opportunity to gain literacy and numeracy credits in some Achievement Standards. Internal Assessment = 3 credits External Standards = 16 credits. Optional Internal Standard = 3 credits

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare you for tertiary study. Each student has the opportunity to gain 22 Level 3 credits.
Possible Future Pathways

Social Sciences


Commerce

Market Researcher, Financial Advisor, Retailing, Sales, Accountant, Banking, Management, Government Departments, Economist, Analyst, Researcher
CAREER PATHWAY
The skills developed in Social Science subjects are beneficial for careers in teaching, town planning, law, politics, media, travel, journalism, library, business, education and justice.

SOCIAL STUDIES – YEAR 9
This subject is compulsory for all Year 9 students. It is important for students to have an understanding of their place in society and the affects they can have on it.

HOW WILL I LEARN?
• Through interpreting written and visual information (such as cartoons, graphs, maps and video), group work, class discussions, debates, simulation games as well as future problem solving. Also participation in community activities that help to develop you as a good member of society.

WHAT WILL I LEARN?
• You will understand your place in society as a member of the local, national and global community.
• You will develop an understanding of global migration patterns and the impact of migration on kiwi culture.
• You will gain an understanding of environmental problems that face our local, national and global community, and explore ways to minimise your personal impact.
• You will explore the influence of past cultures and identities on contemporary thinking.
• You will learn skills such as: graphing; mapping; interpretation; discussion techniques; constructing arguments; using perspectives to inform thinking.

WHAT DOES IT LEAD TO?
• Y10 Social Studies and social science subjects at a higher level, such as Accounting, Business Studies, Classical Studies, Economics, Geography, History, Legal Studies, Social Science Studies, Social Studies and Te Kuaha.

WHAT DO I NEED?
A positive attitude and a willingness to learn new things through doing, discussing, thinking and problem solving.

HOW WILL IT BE ASSESSED?
Report writing, researching, research presentation, skills and concepts testing. An end of year exam. Participation in form/s of global citizenship.

SUBJECT COSTS:
No subject COSTS

INTRODUCTION:
The key focus of this course is understanding your place in the world starting at the local level. There is a real focus on problem solving and thinking about the future. You will be encouraged to discuss issues and to listen to other peoples viewpoints. Group work is an important part of the course.

RECORD OF LEARNING:
Assessments include report writing, research technique, presenting information, an unseen issue, participating in global citizenship and an end of year exam.

WHEN YOU HAVE COMPLETED THE COURSE:
You will be more aware of your place in society and your responsibility to involve yourself in community service and other areas of global citizenship. You will understand that issues relating to the environment, transferance of idea’s and migration all shape our unique kiwi identity. You will also be able to describe ways you could minimise your personal and collective footprint.
CAREER PATHWAY
This subject provides an introduction to economics, accounting and business ideas that will lead to future careers in any of these fields.

BEA (BUSINESS/ECONOMICS/ACCOUNTING) – YEAR 10
The course will enable all students to gain personal financial skills that will assist them beyond school. It is strongly recommended for any student who is considering the study of accounting, business studies or economics at senior level.

HOW WILL I LEARN?
- The course involves a combination of workbook activities and exercises, class notes and discussion, videos, and practical activities. Regular review assessments will provide feedback on progress and understanding.

WHAT WILL I LEARN?
- You will learn about topics such as: consumer choices and rights; spending and saving money; how to prepare a budget; our money system; and how to record and present accounting information. The key goal is to enable you to make more informed financial decisions both as an individual and as a future employee or entrepreneur.

WHAT DOES IT LEAD TO?
- It will provide you with life long financial skills but it is also the start of a career pathway for students aiming at careers in business as it is an ideal introduction for accounting and economics.

WHAT DO I NEED?
There are no formal pre-requisites, although a good understanding of Year 9 mathematics is a big advantage.

HOW WILL IT BE ASSESSED?
There are two "in class" exams, and two research and interactive group assignments.

SUBJECT COSTS:
No costs

INTRODUCTION:
This course provides an excellent introduction to Accounting, Business Studies and Economics and enable students taking it to make an educated decision about these subjects for NCEA at higher levels of learning.

RECORD OF LEARNING:
Assessments include research, group assessments and tests.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have a better base to decide career and option choices for the year ahead and you will have a greater understanding to make daily financial transactions.
CAREER PATHWAY
The skills developed in Social Science subjects are beneficial for careers in teaching, town planning, law, politics, media, travel, journalism, library, business, education and justice.

SOCIAL STUDIES – YEAR 10
This subject is compulsory for all Year 10 students. It is important for students to have an understanding of their place in society and the affects they can have on it. This subject provides practical skills for life in a small business and as an active person in the community.

HOW WILL I LEARN?
- Through interpreting written and visual information (such as cartoons, graphs, maps and video), group work (emphasised in Market Day activities in term 2), class discussions, debates, simulation games as well as future problem solving. Also participation in community activities that help to develop you as a good member of society.

WHAT WILL I LEARN?
- Your place in society as a member of the local, national and global community.
- Understand why and how people can react to problems of other people with power over them in some way.
- What skills and knowledge are needed to run a small business as a group.
- Skills such as: graphing; mapping, interpretation; discussion and constructing arguments; accepting and understanding other peoples views; innovation and thinking outside the box.

WHAT DOES IT LEAD TO?
- Social science subjects at a higher level, such as accounting, business studies, classical studies, economics, geography, history, legal studies, social science studies, social studies and Te Kuaha.

WHAT DO I NEED?
A positive attitude and a willingness to learn new things through doing, discussing, thinking and problem solving.

HOW WILL IT BE ASSESSED?
Report writing, researching, research presentation, skills and concepts test. Participation in some form/s of global citizenship.

SUBJECT COSTS:
No costs.

INTRODUCTION:
The key focus of this course is understanding your place in the world from the local level through to looking at historical and current global issues relating to people. There is a real focus on problem solving and thinking about the future. You will be encouraged to discuss issues and to listen to other peoples viewpoints. You will have the opportunity to develop skills to be able to create your own group business for the school market day.

RECORD OF LEARNING:
Assessments include writing a report, research technique, presenting information, participating in global citizenship and an end of year exam.

WHEN YOU HAVE COMPLETED THE COURSE:
You should be more aware of issues relating to people in the world and what you could do to influence them. You should have some knowledge of what it takes to be a part of the business community. You should understand the need to be an active member of society.
CAREER PATHWAY
All business entities, state entities and community organisations are required to prepare financial information both as a legal requirement and as the basis for informed decision making. Thus Accounting is a key skill for all career pathways including management, self employment, services and production.

ACCOUNTING – YEAR 11 - LEVEL 1
We recommend this subject to students who have sound literacy and numeracy skills. All students who enter the business world will require Accounting skills that in turn will enhance their management prospects. Those students who become self employed will also benefit significantly - both through financial savings and a more efficient and informative financial structure.

HOW WILL I LEARN?
• The nature of Accounting and the decision making that Accounting supports is always evolving and thus the content and teaching approach is always changing. Although classroom learning is work book based, students must maintain a holistic “real world” awareness of Accounting’s role and we strongly encourage an enquiring approach to learning. Differentiated learning allows students choice and the ability to set challenging goals. Throughout the year assistance is available at lunchtimes or after school. Students are encouraged to record notes digitally.

WHAT WILL I LEARN?
• Level one concentrates on processing, reporting and analysing financial information for sole proprietorships. Internal standards also cover home finances, decision making (planning a holiday) and community organisations.

WHAT DOES IT LEAD TO?
• Higher levels of study in Accounting and/or business studies and eventually any business or commerce related career (including self employment).

WHAT DO I NEED?
Sound numeracy and literacy skills as evidenced by year 10 attainment. Consistent work habits and the willingness to seek assistance as required.

HOW WILL IT BE ASSESSED?
Internal standards are a mixture of home research tasks and formal classroom testing. The externals are all covered within a formal three hour, closed book examination. These external examinations will be preceded by formal school examinations in term 3.

SUBJECT COSTS:
No course costs but workbook will cost approx $25

INTRODUCTION:
Accounting is fundamental not just for businesses but everyday life. It enhances students’ financial literacy and gives them the tools to make real life financial decisions in a changing and uncertain world. Accounting includes the process of preparing and communicating financial information to a wide range of users.

RECORD OF LEARNING:

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<tr>
<th>Standard</th>
<th>Term</th>
<th>N / L</th>
<th>Credits</th>
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<tbody>
<tr>
<td>90981 (INT)</td>
<td>1</td>
<td>L</td>
<td>3</td>
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<tr>
<td>90982 (INT)</td>
<td>1</td>
<td>L</td>
<td>4</td>
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<tr>
<td>90977 (INT)</td>
<td>1-2</td>
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<td>5</td>
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<td>90979 (INT)*</td>
<td>3-4</td>
<td>L</td>
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<tr>
<td>90978 (EXT)</td>
<td>2-3</td>
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<td>90981 (EXT)*</td>
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<tr>
<td>90980 (EXT)*</td>
<td>3-4</td>
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*optional. Students will attempt a minimum of 17 credits.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have 17-28 credits depending on optional standards attempted (16 counting for literacy). Given the subject’s relevance to all business and community enterprises, Excellence or merit endorsement in the subject will clearly enhance your CV and career pathway opportunities. You will have access to Level 2 and a financial literacy base to assist you throughout your lifetime.
CAREER PATHWAY
This subject leads to careers in a range of fields including managing and owning businesses, resource management, banking and government.

ECONOMICS – YEAR 11 - LEVEL 1
Recommended for any students interested in managing their own business, banking, finance or government.

HOW WILL I LEARN?
- Learning will occur through workbook activities, practical demonstrations, small group activities, and a short field trip.

WHAT WILL I LEARN?
- You will be introduced to the way consumers and producers make decisions, how prices are determined in the business world, and how to get the best price for you as a consumer.

WHAT DOES IT LEAD TO?
- Level 2 and 3 Economics; Level 2 and 3 Business studies

WHAT DO I NEED?
Any enthusiastic student currently studying NCEA achievement standards in mathematics
HOD approval required if
(a) NA in 10BEA
(b) NA in 1ZECO previously
(c) entry after Term 1

HOW WILL IT BE ASSESSED?
Closed book class test, open book write-up of research undertaken and external exam.

SUBJECT COSTS:
Write-on workbook $30; or digital course = no cost.

INTRODUCTION:
By studying economics you will become aware of the role that everyone plays in an economy, and how real world events impact on markets for goods and services to determine prices.

RECORD OF LEARNING:
Internal
Term 1 – AS 90984 5 credits
Term 2 – AS 90988 3 credits
External – exam 12 credits possible
AS 90983 4 credits
AS 90985 3 credits
AS 90986 5 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You will have an understanding of your place in the New Zealand economy.
Gained at least 12 external credits.
All standards are literacy standards.
CAREER PATHWAY
The skills developed in Geography are relevant for students who may be considering a career in any of the Social Science disciplines. Geography is considered a recommended subject for tertiary study in the areas of Geography, Humanities, Law, Education, Environment Studies, Business, Journalism, Travel, Media Studies, Politics, Town Planning and various other tertiary courses.

GEOGRAPHY – YEAR 11 - LEVEL 1
We recommend that students thinking about taking Geography have an interest in Local, National and World events and current Geographic issues. They should also have a keen interest in exploring both natural and cultural environments, and specifically focus on the sustainability of these.

HOW WILL I LEARN?
- As a student of Geography, you will learn to research, analyse and describe human interaction with the world around you on a local, national and global scale. You will develop skills which will enable you to research, collate and present information over a range of situations while forming valid and justified opinions on contemporary issues.

WHAT WILL I LEARN?
- Level 1 Geography explores current geographic issues which affect our world. We will explore issues such as the impact of the use of the Waikato River – Dairy farming, population issues, the effect of waterborne diseases - Malaria, Extreme Natural Events – Hurricane Katrina and the impact of mining on environmental and social sustainability. Throughout the year you will also explore how humans interact with the environment and local issues.

WHAT DOES IT LEAD TO?
- Year 11 Geography leads to Year 12 Geography. All skills can be transferred to other Social Science courses.

WHAT DO I NEED?
Students should have an interest in Social Science subjects and a willingness to participate in active learning.

INTRODUCTION:
Throughout this course you will be introduced to key concepts, ideas and geographic skills that are used in Geography. These will prepare you for NCEA assessments and topics. Together we will develop your skills which will enable you to achieve to your potential in Geography.

RECORD OF LEARNING:

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<tr>
<th>Standard</th>
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<th>Credits</th>
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<tr>
<td>91007 EXT</td>
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<td>4</td>
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<tr>
<td>91009 Sustain</td>
<td>2</td>
<td>L</td>
<td>3</td>
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<tr>
<td>91010: skills</td>
<td>1-4</td>
<td>N / L</td>
<td>4</td>
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<tr>
<td>91011: research</td>
<td>1</td>
<td>N / L</td>
<td>4</td>
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<tr>
<td>91012: issue</td>
<td>2</td>
<td>L</td>
<td>3</td>
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<tr>
<td>91013: global</td>
<td>3</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You need a minimum of 14 credits to pass Level One Geography and progress to Level Two. Throughout your study you will have gained skills and understanding of geographical issues and concepts and completed guided research.

SUBJECT COSTS:
Skills book purchased from school for $25. Cost of a field trip (which is compulsory for the Research) costing approximately $60.
CAREER PATHWAY
Modern employers love History students because they value the research, analytical skills, teamwork and communication skills that are developed. The typical skills you will develop studying history are: critical reasoning, analytical skills, solving problems, thinking creatively, intellectual rigour, constructing an argument, communicating findings, negotiating, and thinking objectively.

HISTORY – YEAR 11 - LEVEL 1
Although sometimes dismissed as a bunch of stuff that has already happened, the study of history is extremely important in contemporary society, not only to remember the past but also to shape the future by learning from it. We recommend that students taking history have an interest in world events, different societies, politics and debates.

HOW WILL I LEARN?
• Through the course you will be engaging with primary materials and the works of historians using a number of different resources: newspapers, documentaries, books, cartoons, data etc. You will develop a range of skills, researching, analysis of reliability, discussion, understanding historical thinking, analysis and presentation

WHAT WILL I LEARN?
• As a student of History you will learn about the impact of the American Civil Rights movement had on those that were involved, and on the world. You will choose and plan your own historical research project focusing on the things you think are important. You will look at the causes and consequences of a significant event of the modern era. You will understand the importance of perspectives and looking at the world from someone’s point of view. As you progress you will develop skills that will enable you to analyse primary and secondary sources and think critically while forming valid and justified historical opinions.

WHAT DOES IT LEAD TO?
• Year 11 History leads directly to Year 12 History and other social science courses such as Classical Studies, Legal Studies, Social Studies and Te Kuaha.

WHAT DO I NEED?
Student should have completed Y10 courses with success in Social Studies and English and developing good speaking skills.

HOW WILL IT BE ASSESSED?
Assessment type will vary from own research to newspaper creation and speeches as well as external exams

SUBJECT COSTS:
No costs

INTRODUCTION:
History fires pupils’ curiosity about the past in New Zealand and the wider world. Pupils consider how the past influences the present, what past societies were like, how these societies organised their politics, and what beliefs and cultures influenced people’s actions. As they do this, pupils develop a chronological framework for their knowledge of significant events and people. They see the diversity of human experience, and understand more about themselves as individuals and members of society.

RECORD OF LEARNING:
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<th>Standard</th>
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<th>N / L</th>
<th>Credits</th>
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<tbody>
<tr>
<td>91004: Perspectives</td>
<td>2</td>
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<tr>
<td>91001: Research</td>
<td>1</td>
<td>L</td>
<td>4</td>
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<tr>
<td>91002: Analysis</td>
<td>3</td>
<td>L</td>
<td>4</td>
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<tr>
<td>91003: Skills EXT</td>
<td>3</td>
<td>L</td>
<td>4</td>
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<tr>
<td>91005: Cause and Consequences EXT</td>
<td>3</td>
<td>L</td>
<td>4</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You need a minimum of 14 credits to pass Level One History. You will have an understanding of history as it has affected New Zealand. You will have developed skills research and interpretation.
CAREER PATHWAY
The skills developed in Social Science subjects are beneficial for careers in teaching, town planning, law, politics, media, travel, journalism, library, business, education and justice.

SOCIAL SCIENCE – YEAR 11 - LEVEL 1
Recommended to students who are unsure about which social science subject to take. This course is a mixture of geography, classical studies, social studies and media studies and with the required credits will allow advancement into these subjects at a higher level.

HOW WILL I LEARN?
• Through the use of a range of skills, researching, analysis of data, discussion, participation in activities.

WHAT WILL I LEARN?
• Geography - mapping, graphing and interpretation.
• Media studies - collecting and interpreting personal data
• Classical Studies - comparing information from the classical age with that of the present day.
• Social Studies – Importance of involvement in social action (including a link to the 40-hour Famine.
• Looking at issues such as the death penalty.

WHAT DOES IT LEAD TO?
• Level 2 Social Studies, history, geography, classical studies and media studies.

WHAT DO I NEED?
An interest in people and a positive attitude.

WHAT DO I NEED?

HOW WILL IT BE ASSESSED?
Internal – collection, collation and analysis of data. Research project using an approved method of presentation. Social action using reflection techniques. Local field trip linking the past to today.

External – use of geographic skills.

SUBJECT COSTS:
Purchase of the Geography Skills write-on workbook (approx $24).

INTRODUCTION:
This is a course that introduces you to a variety of social science subjects. You will look at the influence of media, how classical features are linked to the modern day, how people can become involved in social action to make a change in society. You will also learn a range of Geography skills to allow you to interpret resources.

RECORD OF LEARNING:
Internal – up to a possible 23 credits
Term 1: AS 90989 (Media) 3 credits
Term 2: AS 91042 (Social) 4 credits
AS 91043 (Social) 4 credits
Term 3: AS 91024 (Classics) 6 credits
AS 91025 (Classics) 6 credits

External – possible 4 credits
AS 91010 (Geography) 4 credits

L1 literacy = 23 credits
L1 numeracy = 7 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You should aim for at least 14 credits to be able to gain approval to take L2 Classical Studies or History or Geography or Social Studies.
CAREER PATHWAY
The skills developed in Te Kuaha could lead to careers in teaching, tourism, administrators, government positions, cultural and community leaders, social work or any other area where people related skills are required.

TE KUAHA – YEAR 11 - LEVEL 1
Recommended to students who have an interest in achieving unit standards in the social science area. This supported learning course is grounded in the concepts of Manaakitanga. It integrates social science based assessments with key life skills needed to be an effective member of society.

HOW WILL I LEARN?
Te Kuaha is divided into 5 key sections.
• 1. Whᾱnau - Creating ways for Whaanau, Hapū, Iwi and Māori organisations and communities to contribute to what and how we learn.
• 2. Life – Creating opportunities to improve life skills and deepen understanding of society barriers and issues. Students learn key skills in financial literacy and cv writing and personal presentation.
• 3. Academic - Ako – A two way teaching process with teacher and learner, emphaisis is on smart learning and understanding the academic process.
• 4. Workplace – Students will be offered the opportunity to participate in a Gateway placement and additional ‘service’ courses. This placement is offered based on work ethic and attitude.
• 5. Education - Using our identity, language and culture as an asset and a foundation of knowledge on which to build and celebrate learning and success.

WHAT WILL I LEARN?
• CV Writing.
• Drivers Licence.
• Note taking and research skills.
• Cultural communication.
• Financial literacy.

WHAT DOES IT LEAD TO?
• Level 2 Te Kuaha and Social Studies or higher levels of study in Social Science.

INTRODUCTION:
Te Kuaha is a subject where the standards are a combination of Social Science and work and study skill unit standards. In this course we will co-construct topics to be studied.

RECORD OF LEARNING:

<table>
<thead>
<tr>
<th>Unit Standard</th>
<th>Term</th>
<th>Credits</th>
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<tbody>
<tr>
<td>12354: Cultural Identity</td>
<td>1</td>
<td>3</td>
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<tr>
<td>504: CV Writing</td>
<td>1</td>
<td>2</td>
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<tr>
<td>7120: Note Taking</td>
<td>2</td>
<td>2</td>
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<tr>
<td>7121: Find Information</td>
<td>2</td>
<td>2</td>
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<tr>
<td>24709: Financial Literacy</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Achievement Standards</td>
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<tr>
<td>91001: History Research (Literacy)</td>
<td>2</td>
<td>4</td>
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<tr>
<td>91011: Geographic Research (Numeracy)</td>
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</table>

All standards are internally assessed

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained at least 14 credits as well as written your own CV. You will have developed research and note taking skills that will assist you across all subjects.
CAREER PATHWAY
All business entities, state entities and community organisations are required to prepare financial information both as a legal requirement and as the basis for informed decision making. Thus Accounting is a key skill for all career pathways including management, self employment, services and production.

ACCOUNTING – YEAR 12 -LEVEL 2
This course is strongly recommended to those students who achieved well in level one Accounting as the weighting this subject gives to a CV and managerial leadership opportunities is significant. Year 12 students who did not study level 1, and who are aiming at level 3 next year, are advised to do level 1.

HOW WILL I LEARN?
- The nature of Accounting and the decision making that Accounting supports is always evolving and thus the content and teaching approach is always changing. Although classroom learning is work book based, students must maintain a holistic “real world” awareness of Accounting’s role and we strongly encourage an inquiry approach to learning.
- Differentiated learning allows students choice and the ability to set challenging goals. Throughout the year assistance is available at lunchtimes or after school.

WHAT WILL I LEARN?
- Level two adds depth to the reporting strand, accounting concepts and analysis and interpretation from level one. It then introduces key systems within a business organisation with a focus on accounts receivable and inventory sub-systems.
- Level two also uses sole proprietorships (single owner businesses) as the context for learning.

WHAT DOES IT LEAD TO?
- Higher levels of study in Accounting and/or Business Studies and eventually any business or commerce related career (including self employment).

WHAT DO I NEED?
Students should have gained at least 14 credits for accounting level 1 including A.S. 90977 and 90978 or have gained HOD approval. Note new students aiming at Level 3 are required to study L1 Accounting.

HOW WILL IT BE ASSESSED?
Internal standards are a mixture of home research tasks and formal classroom testing. The externals are all covered within a formal three hour, closed book examination. These external examinations will be preceded by formal school examination in term three.

SUBJECT COSTS:
No course costs but workbooks will cost approx. $30, or if digital options are available = not cost.

INTRODUCTION:
Accounting is fundamental not just for businesses but everyday life. It enhances students' financial literacy and gives them the tools to make real life financial decisions in a changing and uncertain world. Accounting includes the process of preparing and communicating financial information to a wide range of users.

RECORD OF LEARNING:
Internal:
Term 1: AS 91179  3 credits
Term 2: AS 91386  3 credits
Term 3: AS 91481  4 credits (Optional)
External:
AS 91174  4 credits
AS 91176  5 credits
AS 91177  4 credits
There are up to 15 credits that count as numeracy and up to 18 credits for L1 literacy.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have at least 19 credits (incl. 11 numeracy and 12 literacy). Given the subject’s relevance to all business and community enterprises, Excellence or merit endorsement in the subject will clearly enhance your CV and career pathway opportunities. You will access to Level 3 and have a financial literacy base to assist you throughout your lifetime.
CAREER PATHWAY
A solid business education can be a strong foundation for almost any career in the fields of accounting, information systems, business administration, insurance and risk, management, finance, international business, strategic management and marketing.

BUSINESS STUDIES – YEAR 12 - LEVEL 2
Students who are creative, energetic and enterprising and who wish to contribute to the economic future and community well-being of New Zealand are encouraged to undertake the Business Studies programme of study.

HOW WILL I LEARN?
• Through a combination of hands-on and theoretical learning.
• Field trip to a large NZ business employing 20+ staff.
• Problem-solving in group work
• Attending a business planning forum.
• Conducting research activities on-line and in the market place
• Maintaining regular interface with mentors and external stakeholders such as suppliers, customers.
• Creating well-presented business reports to showcase the business knowledge.

WHAT WILL I LEARN?
• The current practices of businesses operating in a global market.
• All aspects of business planning
• Carry out an innovative and sustainable business activity.

WHAT DOES IT LEAD TO?
• Higher levels of study in Business including marketing and sales, finance, hospitality and tourism, communications, public relations, human resource, logistics, banking, event management, strategic management.

WHAT DO I NEED?
Achieved in level 1 English standards – AS 90849, 90851 and 90857
+ Merit in 90053
+ credits in level 1 Mathematics in AS 91026, 91028, 91029

HOW WILL IT BE ASSESSED?
Individual portfolio of evidence of business planning including the business pitch, and evidence of regular review of contribution to business activity. Production and marketing of product/service on a sustained level of activity throughout the year.
Individual final written evaluation of business activity. In-class essays and tests, and NCEA exam for external AS paper.

SUBJECT COSTS:
$20-30 dependent on the size of the class

INTRODUCTION:
This is a course that is designed for you to learn through practical experience including regular monitoring of business activities locally and internationally. You will be:
• Finding out how individuals and groups of people organise, plan and act to produce goods and services to satisfy customers.
• Appreciating the social, political, cultural, ethical, technical and economic issues that challenge businesses and stakeholders.
• Understanding the four central issues of business – sustainability, citizenship, enterprise and globalisation.

RECORD OF LEARNING:
A comprehensive portfolio of evidence is required for each of the two internal papers in market planning and carrying out an innovative and sustainable business activity.

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<thead>
<tr>
<th>Term 2</th>
<th>Term 3</th>
<th>External Exam</th>
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<tbody>
<tr>
<td>AS 90846</td>
<td>AS 90847</td>
<td>AS 90843</td>
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<td>9 credits</td>
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All credits count towards Level 1 literacy.
3 credits count for Level 1 numeracy.

• This is a UE approved subject

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained an Achieved grade or higher in each of the four achievement standards giving you a total of 19 credits. This will allow you to enter the NCEA level 3 course the following year.
CAREER PATHWAY
The skills developed in Classical Studies are beneficial for careers in law, education, environment, business, library, journalism, travel, media and politics.

CLASSICAL STUDIES – YEAR 12 - LEVEL 2
Recommended to students interested in ancient Greek/Roman history and mythology, art and architecture, and literature. Also those interested in university study in law, history, media or research should consider this course to develop skills in formal structured writing style.

HOW WILL I LEARN?
- Through powerpoint presentations, reading and interpreting information, note-taking, discussions and debates, research and report writing, fun recall activities such as bingo and crosswords.

WHAT WILL I LEARN?
- Understand the influence that the Greek and Roman cultures have had on our culture of today. In such things as the buildings we build, sayings and customs we have, and movies that we make.
- Learn formal writing and using evidence to backup the argument.

WHAT DOES IT LEAD TO?
- Level 3 classical studies, history or social studies. University study.
- An understanding of the origins of many things that we do today.

WHAT DO I NEED?
At least 14 credits in L1 Social Science or History or show HOD ability in formal writing.

HOW WILL IT BE ASSESSED?
Two internal research reports and two external exams which require structured paragraphs and include back-up evidence of the time.

SUBJECT COSTS:
No subject costs. A possibility of a field trip cost to Auckland Museum of approximately $20.

INTRODUCTION:
You will study the ancient Greek culture between 500 and 336BCE as well as having some insight into the importance of the archaeology of Pompeii, Italy. Standards offered will reflect interests of the class.

RECORD OF LEARNING:
Internal
Term 1: AS 91202 4 credits (UE literacy reading)
Term 2: AS 91204 6 credits (UE literacy reading)
Term 4: up to 14 credits in external exam
   AS 91200 4 credits
   AS 91201 4 credits (UE literacy reading and writing)

WHEN YOU HAVE COMPLETED THE COURSE:
You should aim for at least 12 credits to be able to continue with the subject or to gain approval to pick up History or Geography or Social Studies at level 3.
CAREER PATHWAY
This subject leads to careers in a range of fields including managing and owning businesses, resource management, banking and government.

ECONOMICS – YEAR 12 - LEVEL 2
Recommended for students wishing to study commerce at level 3 or tertiary level, or who have an interest in the suggested career pathways

HOW WILL I LEARN?
• Learning will occur through workbook activities, practical demonstrations, small group activities, and a possible field trip to Auckland.

WHAT WILL I LEARN?
• You will develop the skills to define and measure growth, trade and inflation and analyze their causes and effects in the context of the New Zealand economy. You will learn to use and evaluate economic models. The role of the government in the economy and the consequences of government policies are also explored.

WHAT DOES IT LEAD TO?
• Level 3 Economics, University Study

WHAT DO I NEED?
12 Credits from Level 1 Economics or HOD approval

HOW WILL IT BE ASSESSED?
Closed book class test, open book write-up of research undertaken and external exam.

SUBJECT COSTS:
Digital license at no cost to students.

INTRODUCTION:
By studying Economics you will become aware of how you as a consumer fit into the whole economy, and how NZ survives financially in the world economy.

RECORD OF LEARNING:
Internal
Term 3: 91227 6 credits
Term 4: 91226 4 credits (optional)
External – exam 12 credits (with option of completing 6 credits at L3)
  AS 91222 4 credits
  AS 91223 4 credits
  AS 91224 4 credits
  AS 91403 6 credits (Level 3)
Up to 10 UE reading credits and up to 18 UE writing credits.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained up to 10 internal and up to 18 external credits and have an understanding of economics on the New Zealand economy.
CAREER PATHWAY
The skills developed in Geography are relevant for students who may be considering a career in any of the Social Science disciplines. Geography is considered a recommended subject for tertiary study in the areas of Geography, Humanities, Law, Education, Environment Studies, Business, Journalism, Travel, Media Studies, Politics, Town Planning and various other tertiary courses.

GEOGRAPHY – YEAR 12 - LEVEL 2
We recommend that students thinking about taking Geography have an interest in Local, National and World events and current Geographic issues. They should also have a keen interest in exploring both natural and cultural environments specifically the patterns, interaction and sustainability of these. It is recommended that students have taken a Social Science based subject at Level One.

HOW WILL I LEARN?
• Level 2 Geography explores current geographic issues which affect our world and therefore requires you to carry out guided Geographic research. In Geography you will learn using a variety of different techniques, such as field trips, conducting interviews, debates, research and in-class work. You will present your findings using a variety of different techniques to ensure that all learning can be tailored to your needs.

WHAT WILL I LEARN?
• As a student of Geography you will learn how to analyse and research a current issue, identify patterns of settlement and development, and explore the tectonic processes that have shaped the North Island. You will learn research and presentation skills which will help you throughout any study in the area of Social Sciences. Topics will include: deforestation; the issue of Tongariro; urban growth; the Amazon landscape; and a local and current issue to be decided throughout the year.

WHAT DOES IT LEAD TO?
• Year 12 Geography leads directly to Year 13 Geography. It is also a recommended subject for University level courses and Travel and Tourism based study.

WHAT DO I NEED?
Students should have a background in any Social Science subject and a willingness to participate in active learning.

HOW WILL IT BE ASSESSED?
Assessment type will vary from formal written assessments to research, powerpoint, poster and Case File presentations.

SUBJECT COSTS:
Skills book purchased from the school for $25. Two/three day field trip costing approximately $220. A trip is compulsory for the research standard.

INTRODUCTION:
Throughout this course you will build on the key concepts, ideas and geographic skills you learnt in Year 11. You will actively learn and explore viewpoints that surround current topical issues. This year is a mixture of in class, academic learning and an interactive out of class approach which allows students to investigate the issues which affect them.

RECORD OF LEARNING:

<table>
<thead>
<tr>
<th>Standard</th>
<th>T</th>
<th>N / L</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>91240: Natural EXT</td>
<td>4</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91243: Skills EXT</td>
<td>1-4</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91244: Research</td>
<td>2</td>
<td>N/L</td>
<td>5</td>
</tr>
<tr>
<td>91245: Issue</td>
<td>3</td>
<td>L</td>
<td>3</td>
</tr>
<tr>
<td>91246:Global</td>
<td>1</td>
<td>L</td>
<td>3</td>
</tr>
</tbody>
</table>

All literacy assessments are UE accredited.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained skills and understanding of geographical issues and concepts and conducted research. You need a minimum of 14 credits to pass Level Two Geography.
**CAREER PATHWAY**
Modern employers love History students because they value the research, analytical skills, teamwork and communication skills that are developed. The typical skills you will develop studying history are: critical reasoning, analytical skills, solving problems, thinking creatively, intellectual rigour, constructing an argument, communicating findings, negotiating, and thinking objectively. Fields such as law, education, business, Info systems, journalism, travel, and media will benefit from this course.

**HISTORY – YEAR 12 - LEVEL 2**

Students interested in history, politics and debate will find this course interesting. The writing skills developed are useful to those intending to go on to university study.

**HOW WILL I LEARN?**
- Through the course you will be engaging with primary materials and the works of historians using a number of different resources: newspapers, documentaries, books, cartoons, data and, museums. You will develop an understanding of historical research, analysis and presentation and develop the critical thinking skills required for many high level occupations.

**WHAT WILL I LEARN?**
- Year 12 will focus on the Vietnam War, asking questions such as; how did it happen and what role did NZ play in the war and how has the war been remembered both here and abroad.
  You will also get the opportunity to carry out your own individual study. This individual study will look at how an ideology you are interested in has influenced a specific historical event.

**WHAT DOES IT LEAD TO?**
- Level 3 history and other social science courses such as Classical Studies, Social Studies and Legal Studies.

**WHAT DO I NEED?**
Minimum of 16 credits from Level 1 history OR be able to demonstrate to the Head of Faculty, competence in writing skills and interpretation. A high level of literacy is advisable.

**HOW WILL IT BE ASSESSED?**
- Internal – 14 x L2 credits
- External - 9 xL2 credits
Three internal assessments, a research project, the creation of a historical documentary and a perspective paper. Two external assessments include an essay and sources analysis paper.

**SUBJECT COSTS:**
No subject COSTS.

**INTRODUCTION:**
Discover what the power of ideology can achieve when dissent and questions are removed in the USSR and the power that ideology can offer a peasant society when it is challenged by the power of the USA in Vietnam. Develop an understanding of the human spirit and the capabilities that humans can achieve when they stand for a cause.

**RECORD OF LEARNING:**

<table>
<thead>
<tr>
<th>Standard</th>
<th>T</th>
<th>N / L</th>
<th>Credits</th>
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<tbody>
<tr>
<td>91229 - Research</td>
<td>1</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91230 - Presentation</td>
<td>2</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91232 - Perspectives</td>
<td>3</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91231 - EXT</td>
<td>1-4</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91233 - EXT</td>
<td>3-4</td>
<td>L</td>
<td>5</td>
</tr>
</tbody>
</table>

23 UE reading literacy credits and 9 writing literacy credits on offer.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You should have gained 23 credits and be able to continue on in the Level 3 history course.
CAREER PATHWAY
The skills developed in Legal Studies is important to all careers in the court system, police, military, and training as a lawyer. Anyone who may be thinking about a career in retail and business (due to consumer and health and safety legislations).

LEGAL STUDIES – YEAR 12 - LEVEL 2
Recommended to any student who has an interest in the law and especially in the rights and responsibilities of NZ citizens. It provides a good general understanding of the law in NZ.

HOW WILL I LEARN?
- Legal Studies will involve group activity and class discussion, notes for discussion and PowerPoint presentations, videos, workbook notes and exercises.

WHAT WILL I LEARN?
The topics covered are:
- Systems of Government;
- Concepts of Justice;
- Rights and responsibilities of school students;
- Criminal Law;
- Concepts of Law (Contract and Negligence);
- Introduction to consumer law

WHAT DOES IT LEAD TO?
- Higher levels of study in Legal Studies and to all careers in court system, police, military, lawyer, retail and business.

WHAT DO I NEED?
Good literacy skills. Minimum of an Achieved grade in English AS 90849 and AS 90851 OR HOD Approval.

HOW WILL IT BE ASSESSED?
Open book tests for each of six US. Now graded Unit Standards so A, M, E grades available for overall endorsement at level 2.

SUBJECT COSTS:
Purchase of $25 workbook, or digital = no cost.

INTRODUCTION:
You will be introduced to how the legal system influences your life as a student, citizen, consumer, and voter.

RECORD OF LEARNING:
Internal:
Term 1 - US 27851 4 credits
Term 2 - US 27839 4 credits
US 10337 3 credits
US 8545 3 credits
Term 3 - US 27842 4 credits
Term 4 - US 8555 3 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You will have 21 Level 2 credits towards your L2 NCEA qualification. 12 of the credits can be gained at Merit or Excellence level. You will have some understanding of criminal and contract law.
CAREER PATHWAY

The skills developed in Social Studies are relevant for students who may be considering a career in any of the Social Science disciplines. Social Studies is considered a recommended subject for tertiary study in the areas of Education, Humanities, Law, Social Justice, Social Work, Policy studies, Journalism, Immigration, Politics, Customs, Communications and various other tertiary courses.

SOCIAL STUDIES – YEAR 12 - LEVEL 2

It is recommended that students have an interest in people, community and society. Students should have good oral and written communication as they are expected to participate fully in this course.

HOW WILL I LEARN?

• Through discussion mainly, although there will be reading, writing and note taking, but participating in discussion is of the utmost importance. You will learn by looking at resources of the time/topic and by thinking about the messages people are trying to get you to understand. You will learn by researching, reading and discussing ideas.

WHAT WILL I LEARN?

• You will learn a great deal about yourself and your values and where your moral imperative lies. You will explore topics which challenge your moral stance and force you to examine topics in an agentic way.

• Throughout your study in Social Studies you will improve your written language, hone your research skills and deepen your ability to interpret resources both written and visual. You will learn to read between the lines, focus on rights and responsibilities, including cultural conflict and explore others perspectives.

WHAT DOES IT LEAD TO?

• Level 3 Social Studies or as a pre-requisite for entry to other social science subjects.

INTRODUCTION:

This course is an individualised student responsive course which changes topics each year to ensure that topics taught are contemporary and relevant.

RECORD OF LEARNING:

<table>
<thead>
<tr>
<th>Standard</th>
<th>T</th>
<th>N / L</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>91280 – Social Inquiry</td>
<td>1</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91282 – Social Action</td>
<td>2</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91283 – Rights &amp; Responsibilities</td>
<td>3</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91279 or 91281 EXT</td>
<td>3</td>
<td>L</td>
<td>4</td>
</tr>
</tbody>
</table>

WHEN YOU HAVE COMPLETED THE COURSE:

You will have gained 14 credits to be able to continue on to Level 3 Social Studies and/or to any other social science subject. You will have developed an understanding of your own values and ethics in relation to key social issues.

WHAT DO I NEED?

To have completed a social science subject in NCEA Level 1 OR be able to demonstrate to the Head of Faculty, competence in writing skills and interpretation. A high level of literacy is advisable.

HOW WILL IT BE ASSESSED?

Three internal assessments will be offered with each assessment being compulsory. You may be offered an additional external standard following a meeting with your teacher.

SUBJECT COSTS:

No course COSTS. Please note there may be a small fee for a field trip – no more than $30.
CAREER PATHWAY
The skills developed in Te Kuaha could lead to careers in teaching, tourism, administration, government positions, policy change, cultural and community leadership, social work or any other area where people related skills are required.

TE KUHA – YEAR 12 - LEVEL 2
This course is recommended to students who have an interest in achieving unit standards in the social science area. This supported learning course is grounded in the concepts of Manaakitanga, Va and Talanoa. Focus is on the workplace and life skills such as financial literacy, driver education, curriculum vitae (CV) writing, as well as some tourism studies which focus on tourist destination and the impacts of tourism.

HOW WILL I LEARN?
Te Kuaha is divided into 5 key sections.
1. Whānau - Creating ways for Whaanau, Hapū, Iwi and Māori organisations and communities to contribute to what and how we learn.
2. Life – Creating opportunities to improve life skills and deepen understanding of society barriers and issues. Students learn key skills in financial literacy and CV writing and personal presentation.
3. Academic - Ako – A two way teaching process with teacher and learner, emphasis is on smart learning and understanding the academic process.
4. Workplace – Students will be offered the opportunity to participate in a Gateway placement and additional ‘service’ courses. This placement is offered based on work ethic and attitude.
5. Education - Using our identity, language and culture as an asset and a foundation of knowledge on which to build and celebrate learning and success.

WHAT DOES IT LEAD TO?
NCEA Level Three Te Kuaha and higher levels of study in Te Ao Māori.

WHAT DO I NEED?
Completed Year 11 Te Kuaha or with HOD approval.

HOW WILL IT BE ASSESSED?
Short answer tests.
Research.
Plan completion.
Visual presentations.

SUBJECT COSTS:
No costs.

INTRODUCTION:
Te Kuaha is a subject where the standards are a combination of Fields Māori, History and Work Skills Unit Standards. Topics explored include; NZ race relations, the Declaration of Independence, Cultural Identity and examples of leadership.

RECORD OF LEARNING:

<table>
<thead>
<tr>
<th>Unit Standard</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12352: Culture (opt)</td>
<td>3</td>
</tr>
<tr>
<td>4253 Job Search skills</td>
<td>3</td>
</tr>
<tr>
<td>24726 or 24727</td>
<td>3</td>
</tr>
<tr>
<td>24729 or 24731</td>
<td>4</td>
</tr>
</tbody>
</table>

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to explain tourist destinations and have skills for your working future. You will have gained at least 14 credits in Te Kuaha Level Two.
CAREER PATHWAY
All business entities, state entities and community organisations are required to prepare financial information both as a legal requirement and as the basis for informed decision making. Thus Accounting is a key skill for all career pathways including management, self employment, services and production.

ACCOUNTING – YEAR 13 - LEVEL 3
This course is strongly recommended to those students who achieved well in level one and two Accounting as the weighting this subject gives to a CV and managerial leadership opportunities is significant. Students will gain a valuable insight into manufacturing and company organisations. It also targets tangible tertiary scholarships.

HOW WILL I LEARN?
The nature of Accounting and the decision making that Accounting supports is always evolving and thus the content and teaching approach is always changing. Although classroom learning is work book based, students must maintain a holistic “real world” awareness of Accounting’s role and we strongly encourage an inquiry approach to learning. Differentiated learning allows students choice and the ability to set challenging goals. Throughout the year assistance is available at lunchtimes or after school.

WHAT WILL I LEARN?
• Level 3 shifts to different business structures including partnerships and companies. For these we focus on the features, advantages, processing and reporting for each entity. We look at manufacturing entities and how they derive product and service costs. And we continue the theme of decision making through advanced cash budgeting and cost-volume-profit analysis.

WHAT DOES IT LEAD TO?
• Higher levels of tertiary study in accounting/marketing/business studies and eventually any business or commerce related career (including self employment). Every standard offered at level three is eligible for University Entrance purposes (“Approved subject”).

INTRODUCTION:
Accounting is fundamental not just for businesses but everyday life. It enhances students’ financial literacy and gives them the tools to make real life financial decisions in a changing and uncertain world. Accounting includes the process of preparing and communicating financial information to a wide range of users. Further study can lead to diverse careers in accounting in many business environments worldwide. With a business or commerce degree students can keep their options wide open.

RECORD OF LEARNING: Internal:
Term 1 - AS 91405 4 credits
Term 2 - AS 91409 4 credits
Term 3 - AS 91407 5 credits (optional)
External:
AS 91406 5 credits
AS 91408 4 credits
Numeracy = 13 credits
UE Literacy = 5 credits reading (91407)

WHEN YOU HAVE COMPLETED THE COURSE:
You will have at least 17 credits with endorsement targeted. A pass in the scholarship examination would place you in the top two percent of the country’s accounting students in your year.

Students in this subject hav had significant success in gaining financial scholarships in related tertiary studies.

WHAT DO I NEED?
Students should have 14 credits from level 2 or a high level one Accounting endorsement or have HOD permission.

HOW WILL IT BE ASSESSED?
Internal standards are a mixture of home research tasks and formal classroom testing. The externals are all covered within a formal three hour, closed book examination. These external examinations will be preceded by formal school examinations in term three.

SUBJECT COSTS:
No course costs but workbooks will cost approx $30, or digital at no cost.
CAREER PATHWAY
A solid business education can be a strong foundation for almost any career in the fields of accounting, information systems, business administration, insurance and risk, management, finance, international business, strategic management and marketing.

BUSINESS STUDIES – YEAR 13 - LEVEL 3
Students who are creative, energetic and enterprising and who wish to contribute to the economic future and community well-being of New Zealand are encouraged to undertake the Business Studies programme of study.

HOW WILL I LEARN?
- Through a combination of hands-on and theoretical learning.
- Participating in the Lion Foundation Young Enterprise programme.
- Problem-solving in group work.
- Presenting a business pitch to business forums.
- Conducting research activities on-line and in the market place.
- Maintaining regular interface with mentors and external stakeholders such as suppliers, customers.
- Crafting well-presented business reports to showcase the business knowledge.

WHAT WILL I LEARN?
- Plan, take to market, review and then refine a business activity incorporating a community well-being focus, basing recommendations for the future on market feedback.
- Major topics such as motivational theory and market research are also explored in this course.

WHAT DOES IT LEAD TO?
- Higher levels of study in Business including marketing and sales, finance, hospitality and tourism, communications, public relations, human resource, logistics, banking, event management, strategic management.

WHAT DO I NEED?
16 credits in Level 2 Business Studies OR
Achieved in the following Level 2 English – AS 91100, 91101, and 91098
+ Merit in 91102
+ Level 1 Mathematics in AS 91026, 91028 and 91029
+ HOD approval

HOW WILL IT BE ASSESSED?
Individual portfolio of evidence of business planning including the business pitch, and evidence of regular review of contribution to business activity. Production and marketing of product/service on a sustained level of activity throughout the year. Individual final written evaluation of business activity. In-class essays and tests, and NCEA exam for external AS paper.

SUBJECT COSTS:
$20-30 dependent on the size of the class.

INTRODUCTION:
This is a course that is designed for you to learn through practical experience including regular monitoring of business activities locally and internationally. You will be:
- Finding out how individuals and groups of people organise, plan and act to produce goods and services to satisfy customers.
- Appreciating the social, political, cultural, ethical, technical and economic issues that challenge businesses and stakeholders.
- Understanding the four central issues of business – sustainability, citizenship, enterprise and globalisation.

RECORD OF LEARNING:
A comprehensive portfolio of evidence is required for each of the two internal papers in market planning and carrying out an innovative and sustainable business activity.

<table>
<thead>
<tr>
<th>Term 2</th>
<th>Term 3</th>
<th>External Exam</th>
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<tbody>
<tr>
<td>91382</td>
<td>91384</td>
<td>91379</td>
</tr>
<tr>
<td>6 credits</td>
<td>9 credits</td>
<td>(UE Reading)</td>
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<tr>
<td>(UE Reading)</td>
<td>(UE Reading)</td>
<td>(UE Reading and Writing)</td>
</tr>
</tbody>
</table>

(UE approved subject)

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained the Young Enterprise course completion certificate and at least an achieved grade in each of the three achievement standard papers.
CAREER PATHWAY
The skills developed in Classical Studies are beneficial for careers in law, education, environment, business, library, journalism, travel, media and politics.

CLASSICAL STUDIES – YEAR 13 - LEVEL 3
Recommended to students interested in ancient Roman history, art and architecture, and literature. Also those interested in university study in law, history, media or research should consider this course to develop skills in formal structured writing style.

HOW WILL I LEARN?
- Through powerpoint presentations, reading and interpreting information, note-taking, discussions and debates, research and report writing, fun recall activities such as bingo and crosswords.

WHAT WILL I LEARN?
- Understand how and why ideas and values of the Roman world have influenced other cultures, including New Zealand.
- Understand the architecture, art and literature of the Romans and how this is still influencing us today.
- Understand the influence of Augustus, the first Roman Emperor.

WHAT DOES IT LEAD TO?
- University Study in law, education, business, journalism, architecture, travel, media and politics.
- An understanding of your European heritage.

WHAT DO I NEED?
At least 12 credits in L2 Classics or History or Geography or be able to demonstrate to HOF, competence in writing skills. A high level of literacy is advisable.

HOW WILL IT BE ASSESSED?
Two internal research reports and up to three external exams which require structured paragraphs, backed up by primary evidence and writing conclusions about statements.

SUBJECT COSTS:
No subject COSTS. A possibility of a field trip cost to Auckland Museum of approximately $20.

INTRODUCTION:
You will study the ancient Roman culture from the first century BCE through to the third century CE. You will have an opportunity as a class to decide on the focus of the topics for the internal assessments.

RECORD OF LEARNING:
Internals
Term 1: AS 91397 6 credits (UE literacy reading)
Term 2: AS 91398 6 credits (UE literacy reading)

Exterals
Term 4: up to 8 credits in external exam
AS 91394 4 credits
AS 91395 4 credits (UE literacy reading and writing)

WHEN YOU HAVE COMPLETED THE COURSE:
You should aim to gain at least 16 credits for the year. This is a University Entrance Approved Subject, is in Table A for University of Auckland and is a preferred subject for AUT.
CAREER PATHWAY
This subject leads to careers in a range of fields including social policy and planning, business and financial management.

ECONOMICS – YEAR 13 - LEVEL 3
Recommended for students wishing to study at tertiary level in commerce or who have an interest in the suggested career pathways.

HOW WILL I LEARN?
• A combination of classroom notes, discussion, and workbook exercises.

WHAT WILL I LEARN?
• There are two main areas of study. The first is based around resource allocation and the market and will look closely at the concepts of scarcity and opportunity cost, demand and supply, market analysis and monopolies and other market structures. The second section explores situations of market failure and looks at the role of government in the economy in correcting market failure.

WHAT DOES IT LEAD TO?
• Tertiary study

WHAT DO I NEED?
12 External Credits from Level 2 economics or HOD approval

HOW WILL IT BE ASSESSED?
Open book based assessment and the external exam.

SUBJECT COSTS:
Workbook $30, or digital at no cost.

INTRODUCTION:
By studying economics you will become aware of the role that everyone plays in an economy, while increasing your understanding of economic events. You will explore the interactions between producers, consumers and government, and the impact economic decisions can have on society. Economics encourages you to think critically and independently about economic and social issues.

RECORD OF LEARNING:
Internal
Term 1 – AS 91402 5 credits
Term 2 – AS 91401 5 credits

External
AS 91399 4 credits
AS 91400 4 credits
All standards provide UE literacy credits – 18 reading and 8 writing.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have the opportunity to gain: 18 Level 3 credits and have an understanding of the economics of business and for the country.
10 internal AS credits
CAREER PATHWAY
The skills developed in Geography are relevant for students who may be considering a career in any of the Social Science disciplines. Geography is considered a recommended subject for tertiary study in the areas of Geography, Humanities, Law, Education, Environment Studies, Business, Journalism, Travel, Media Studies, Politics, Town Planning and various other tertiary courses.

GEOGRAPHY – YEAR 13 - LEVEL 3
We recommend that students thinking about taking Geography have an interest in Local, National and World events and current Geographic issues. They should also have a keen interest in exploring both natural and cultural environments specifically the patterns, interaction and sustainability of these.

HOW WILL I LEARN?
- You will learn through the process of research based on field excursions. You will learn to collect, collate and process data, make decisions on a geographic issue and use of perspectives to justify judgements. Throughout your study of geography you will use geographic skills to interpret resources.

WHAT WILL I LEARN?
- As a student of Geography you will learn how to analyse a current issue, research natural and/or cultural processes, compare and contrast different settings for a cultural process. Skills that will be developed include research, interpretation and presentation techniques relevant to Geography.

WHAT DOES IT LEAD TO?
- Year 13 Geography leads to a variety of careers linked to people and environments. Talk to your teacher for further information.

Geography is a List A subject for university purposes.

WHAT DO I NEED?
Students should have a background in any Social Science subject and a willingness to participate in active learning.

WHAT WILL IT BE ASSESSED?
HOW WILL IT BE ASSESSED?
- Internals – collection, collation and analysis of data. Research techniques and presentation of findings. Decision making on geographic topics
- External = 3 assessments: Natural process Cultural process Geographic Skills

SUBJECT COSTS:
Skills book purchased from the school for $28. Two field trips costing approximately $200. A trip is compulsory for the research standard.

INTRODUCTION:
Throughout this course you will build on the key concepts, ideas and geographic skills you learnt in Year 12. You will expand your understanding of current geographic issues and global topics and the associated viewpoints.

RECORD OF LEARNING:

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<tr>
<th>Standard</th>
<th>Term</th>
<th>N/L</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>91430: Research</td>
<td>2</td>
<td>L/N</td>
<td>5</td>
</tr>
<tr>
<td>91431: Issue</td>
<td>1</td>
<td>L</td>
<td>3</td>
</tr>
<tr>
<td>91432: Global</td>
<td>3</td>
<td>L</td>
<td>3</td>
</tr>
<tr>
<td>91426: Either Natural EXT</td>
<td>1</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91427: OR Cultural EXT</td>
<td>2</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91429: Skills EXT</td>
<td>1-4</td>
<td>L</td>
<td>4</td>
</tr>
</tbody>
</table>

L = UE literacy – 15 reading and 12 writing.

WHEN YOU HAVE COMPLETED THE COURSE:
You need a minimum of 14 credits to pass Level Three Geography. These 14 credits should consist of a mixture of internal and external credits.
CAREER PATHWAY
Success in Level Three History shows critical thinking skills, textual analysis skills and high academic abilities. The skills gained in history are valued in all industries and professions from law to media, sports and commerce. Modern employers love history students because they value intellectual rigour, critical reasoning, skills analysis, solving problems, thinking creatively, constructing an argument, communicating findings, negotiating, and thinking objectively.

HISTORY – YEAR 13 - LEVEL 3
Students interested in history, politics and debate will find this course interesting. The writing skills developed are useful to those intending to go on to university study or tertiary study.

HOW WILL I LEARN?
• Investigations using primary and secondary sources, use of debate, role-plays, group work and field trips, presentations, historiography and formal writing.

WHAT WILL I LEARN?
• Growing out of post-World War II tensions between two nations, the United States and the Soviet Union, the Cold War was a rivalry that lasted for much of the second half of the 20th Century. The conflict resulted in mutual suspicions, heightened tensions and a series of international incidents that brought the world’s superpowers to the brink of nuclear war. We will assess the Historical controversy that is ‘why did the Cold War start, and who should take most blame, the USA or the USSR?’ before we look at the specific event and consequences of the cold war and their broad reaching effect on the world.

WHAT DOES IT LEAD TO?
• University level of study in history and other social sciences and many other courses where critical thinking is considered necessary.

History is a List A subject for university purposes.

WHAT DO I NEED?
Direct entry for those with 17 credits from Level 2 history OR be able to show Head of Faculty competent writing skills in Level 2 Classical Studies or English.

INTRODUCTION:
The Cold War was the defining event of the second half of the 20th Century. It began as the guns of World War Two, the most destructive war in human history, had barely fallen silent and lasted 50 years. You will look at why it started and try to understand the effect it had on the people who lived through it.

RECORD OF LEARNING:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Term</th>
<th>N/L</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>91434:</td>
<td>1</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91437</td>
<td>3</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91435</td>
<td>Option</td>
<td>L</td>
<td>5</td>
</tr>
<tr>
<td>91438 Either EXT</td>
<td>2</td>
<td>L</td>
<td>6</td>
</tr>
<tr>
<td>91439: Or EXT</td>
<td>2</td>
<td>L</td>
<td>6</td>
</tr>
<tr>
<td>91436: EXT</td>
<td>Option</td>
<td>L</td>
<td>4</td>
</tr>
</tbody>
</table>

25 possible UE literacy reading and 14 UE literacy writing credits available.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained 16 credits and be able to continue on to university study. You will have gained an understanding of the history of early NZ and the Cold War.
CAREER PATHWAY
The skills developed in Legal Studies are important to all careers in the court system, police, military, and training as a lawyer. Anyone who may be thinking about a career in retail and business (due to consumer and health and safety legislation). This course could be helpful to students wishing to go on to law school at university.

LEGAL STUDIES – YEAR 13 - LEVEL 3
Highly recommended to students wishing to pursue careers in law, police, business, retail, journalism, finance, or the military.

HOW WILL I LEARN?
• Learning will occur through workbook activities, practical demonstrations, small group activities, and a field trip to the Courts.

WHAT WILL I LEARN?
• Legal Studies aims to give vital knowledge of the NZ legal system.
• Topics include:
  o Concepts of justice
  o Concepts of Law
  o A controversial legal issue
  o Methods of challenging state power
  o Evaluation of legal issues

WHAT DOES IT LEAD TO?
• Could prepare you for all careers in court system, police, military, lawyer, journalism, retail, business and legal studies at tertiary level.

Skills developed in senior social studies would be important in a number of fields dealing with people such as; demographics, education (early childhood, primary, secondary and tertiary), immigration services, market research, social work, diplomatic service, sustainability and conservation to name but a few.

INTRODUCTION:
You will be introduced to how the legal system was influenced by the rest of the world, how we compare to other countries, how to challenge laws, and how legal issues affect people’s viewpoints.

RECORD OF LEARNING:
All Internal
Term 1 - US 27840 4 credits
US 27843 4 credits
Term 2 - US 27846 4 credits
US 27837 4 credits
US 27849 4 credits
Term 4 - US 27852 4 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You will have 20 or 24 credits towards your L3 NCEA qualification. Also you will have useful knowledge to assist you in the real world, and could prepare you to study law at university. This is not a University Approved subject and credits do not count for literacy.

WHAT DO I NEED?
At least 11 credits in Level 2 Legal Studies OR HOD Approval

HOW WILL IT BE ASSESSED?
Open book tests for each of six US.

SUBJECT COSTS:
Workbook $25
SOCIAL STUDIES – YEAR 13 - LEVEL 3

It is recommended that students have an interest in people, community, and society. Students should have good oral and written communication as they are expected to participate fully in this class. You should also have a keen interest in social justice and be prepared to participate in a social action.

HOW WILL I LEARN?
• You will learn through discussion, although there will be reading and writing and note taking. Participating in discussion is of the utmost importance.
• You will learn by viewing primary and secondary evidence, exploring perspectives and interpreting sources.
• Exploration of key societal issues will add depth to your learning.

WHAT WILL I LEARN?
• That society is complex and members need to participate fully to ensure social justice is upheld.
• That people have the right to protest about concerns they have about the way governments/businesses act or perform and that the government/businesses have a responsibility to listen and react to this protest.
• To think critically and act when there are concerns.
• The focus of this course is on changing policies/ideologies present in society.

WHAT DOES IT LEAD TO?
• University entrance - access into tertiary institutions and the varied courses they provide.

WHAT DO I NEED?
Level Two literacy or with HOD approval.

HOW WILL IT BE ASSESSED?

SUBJECT COSTS:
No cost Possible field trip cost – no more than $30. This will be communicated to whanau in advance.

INTRODUCTION:
The course explores contemporary issues and therefore topics are open to change each year. However, social action of your own choice is included.

RECORD OF LEARNING:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Term</th>
<th>N/L</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>91600: Social Action</td>
<td>3</td>
<td>L</td>
<td>4</td>
</tr>
<tr>
<td>91599: Campaign</td>
<td>2</td>
<td>L</td>
<td>6</td>
</tr>
<tr>
<td>91597: Inquiry</td>
<td>1</td>
<td>L</td>
<td>6</td>
</tr>
<tr>
<td>91598: EXT Ideologies</td>
<td>3-4</td>
<td>L</td>
<td>4</td>
</tr>
</tbody>
</table>

UE Literacy – 10 reading and 4 writing credits available.

WHEN YOU HAVE COMPLETED THE COURSE:
You will have gained a minimum of 16 NCEA Level 3 credits.
You’ll be ready to set the world on fire, offering your opinion, examining societal issues and standing up for the minority.
CAREER PATHWAY
The skills developed in Te Kuaha could lead to careers in teaching, tourism, administration, government positions, policy change, cultural and community leadership, maaori studies and social work or any other area where people related skills are required.

Te Kuaha – Year 13 – Level 3
This course is recommended to students who have an interest in achieving unit standards in the social science area. This supported learning course is grounded in the concepts of Manaakitanga, Va and Talanoa. You must be willing to explore tourism.

HOW WILL I LEARN?
Te Kuaha is divided into 5 key sections.

1. Whaanau - Creating ways for Whaanau, Hapú, Iwi and Maaori organisations and communities to contribute to what and how we learn.
2. Life – Creating opportunities to improve life skills and deepen understanding of society barriers and issues. Students learn key skills in financial literacy and cv writing and personal presentation.
3. Academic - Ako – A two way teaching process with teacher and learner, emphasis is on smart learning and understanding the academic process.
4. Workplace – Students will be offered the opportunity to participate in a Gateway placement and additional ‘service’ courses. This placement is offered based on work ethic and attitude.
5. Education - Using our identity, language and culture as an asset and a foundation of knowledge on which to build and celebrate learning and success.

WHAT WILL I LEARN?
- This course will encourage students to develop skills in the areas of questioning, researching, presentation of ideas, verbal and written communication, service and future planning.

WHAT DOES IT LEAD TO?
- Higher levels of tourism industry, tertiary study of any Social Science subject.

WHAT DO I NEED?
Completed Level 2 Te Kuaha or with HOD approval.

HOW WILL IT BE ASSESSED?
Research.
Plan completion.
Visual presentations.

SUBJECT COSTS: No costs

INTRODUCTION:
Te Kuaha is a subject where the standards are a combination of tourism, and Work Skills Unit Standards. Topics explored include; tourism industry, and financial planning and career pathway exploration.

RECORD OF LEARNING:
<table>
<thead>
<tr>
<th>Unit Standard</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>24733 Describe and promote NZ</td>
<td>5</td>
</tr>
<tr>
<td>28100: Financial Goals</td>
<td>4</td>
</tr>
<tr>
<td>3727 Pacific as destination</td>
<td>6</td>
</tr>
<tr>
<td>4251: Career Plan</td>
<td>5</td>
</tr>
</tbody>
</table>

WHEN YOU HAVE COMPLETED THE COURSE:
You will be able to explain the impact of tourism on society and have planning for your future. You will have gained at least 14 credits in Te Kuaha Level Three.
Possible Future Pathways

Technology

Graphics: 2D Animator, Illustrator, Brand and Identity Designer, Packaging Designer, Visual Designer, Computer Finished Artist, Junior Art Director, Animator, Architect, Product Design
Hard Materials: Boat Builder, Carpenter, Building Insulator, Building Contractor, Wood Joiner, Wood Overlay Installer
Fashion & Design: Fashion Designer, Fashion Consultant, Colour Consultant, Design Consultant
Textiles & Industry: Sales & Service, Retail and Wholesale
Hospitality: Chef, Baker, Bar Manager, Bartender, Front of House, Caterer, Café Manager, Tourism, Hotel/Motel Receptionist, Barista
Food and Nutrition: Food Science, Food technologist; Catering; Hospitality; Dietician; any Career in the Food Industry
Automotive Industry: Automotive Engineer, Automotive Electrician, Motor Body
Trades: Light & Heavy Fabrication
Engineering: Fitter Turner, Composite Engineer, Machinist and Toolmaker, Marine Engineer, Mechanical Engineer
Construction: Scaffolder, Roofer, Boat Builder, Plumber/Gasfitter
Armed Forces: Navy Weapons Engineering Officer, Aircraft Engineer, Army Field Engineer

Digital Technologies

Information Systems Engineer, Software Developer, Small Business Owner, Website Developer, Website Manager, Research and Development, Product and Support, E-Commerce, Marketing Consultant, Sales and Marketing, IT Security Specialist, Telecommunications, Network Planner, Animation, Robotics, Designer
Video & Film: Software Engineer, Makeup and Prosthetics, Animations and Digital Artist, Sound Recording and Production Media – TV, Music Videos
Graphics: 2D Animator, Illustrator, Brand and Identity Designer, Packaging Designer, Visual Designer, Computer Finished Artist, Junior Art Director, Animator, Architect, Product Design
DIGITAL TECHNOLOGIES/COMPUTER APPLICATIONS PATHWAYS

DIT = Digital Technologies (Achievement Standards)
COM = Computer Applications (Unit Standards) / Microsoft Office Specialist (MOS) exams

Key
- Achievement Standards
- Unit Standards / MOS exams

University Entrance Approved
DVC and Hard Materials Technology Pathways
FOOD AND NUTRITION, CATERING AND FABRIC PATHWAYS

Key
- Achievement Standards
- Unit Standards
CAREER PATHWAY
The skills developed in Design and Visual Communication is important to all careers in spatial design (architecture, landscape design and interior design), product design (technology, engineering and manufacturing products) or for anyone who make be thinking about a career in any of the technological areas.

DESIGN AND VISUAL COMMUNICATION – YEAR 9

We recommend that students who enjoy and are interested in design, drawing and developing their ideas study Design and Visual Communication.

HOW WILL I LEARN?
- Design and Visual Communication is all about exploring design ideas and developing them to a solution.
- The design ideas are presented graphically and using appropriate modes such as freehand drawing, models and Computer Aided Drawings.
- The final design presentation includes instrumental drawings to enable your design to be understood, and produced by other people.

WHAT WILL I LEARN?
- All stages of the design process – brainstorm, research, concepts, design development, evaluation
- Drawing skills – freehand, paraline (pictorial), orthographic projection, rendering and presentation, CAD

WHAT DOES IT LEAD TO?
- Higher levels of study in DVC, any design or technology related career

WHAT DO I NEED?
An interest in drawing projects and learning about design.

HOW WILL IT BE ASSESSED?
Each topic is graded using New Zealand curriculum Level 4.

SUBJECT COSTS:
No course costs

INTRODUCTION:
You will be introduced to the main topics that are used in DVC. Starting with correct drawing skills, we then develop an understanding of the main drawing areas. As you become more familiar with these, we can then apply these to some design situations where you can develop your own ideas and present them using your drawing skills. DVC forms part of your Y9 Technology programme, with links to Hard Materials, Food and Fabric, and Digital Technologies.

RECORD OF LEARNING:
Your folio is a record of all the drawings you complete in the course. It will show all of the topics you have completed and provide future reference and a reminder of all the skills you have developed.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained an on or above NZC Level 4 grade and be able to continue on in the Year 10 DVC course.
CAREER PATHWAY

Be part of creating a digital future... New Zealand is a world leader in using and creating information and digital technologies to realise our economic, environmental, social and cultural goals. The skills developed in Digital Technologies focusses on the growth of integrated technologies that can be accessed virtually anywhere, anytime. Digital technologies skills are required in a variety of career paths, as well as skills that are specific to the IT industry: app developer, game developer, web developer, animator, social media managers, cyber security, computer programmer, database manager, software tester/developer/engineer, data scientists, virtual reality developer, artificial intelligence expert/developer, Internet of Things (IoT) specialist, graphic designer, UX designer... the list is still being created!

DIGITAL TECHNOLOGIES – YEAR 9

This is a compulsory twenty (20) week course for all Year 9 students and introduces students to the PHS digital apps including the Microsoft 365 platform, digital citizenship, an introduction to programming, as well as providing opportunities to extend prior knowledge and skills in common user applications.

HOW WILL I LEARN?
- Using desktop and BYOD devices (subject to confirmation)
- Using a range of digital apps across differing contexts including school, home and the wider community
- Online learning apps
- Expert modelling of best practice and creativity

WHAT WILL I LEARN?
Knowledge and understanding of the skills and concepts relating to digital technologies including:
- Digital citizenship
- Microsoft 365
- Digital apps including Microsoft Office
- Digital media
- Computer science and computational thinking
- Programming with Scratch and Python
- Robotics

WHAT DOES IT LEAD TO?
- Higher levels of study in Digital Technologies
- Providing transferrable skills to other subject areas

WHAT DO I NEED?
The courage to be innovative, creative and collaborative with enthusiasm.

HOW WILL IT BE ASSESSED?
Practical use of apps demonstrating knowledge and creativity.

SUBJECT COSTS:
Students are recommended to purchase a $5 printing credit.

INTRODUCTION:
This course provides a taster of the digital learning and skills which will be built upon in following years. Practical projects, across a range of digital applications will be undertaken, leading to assessment.

RECORD OF LEARNING:
Students have responsibility for their own file management, using Microsoft 365.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have the knowledge and skills required to become a confident user of digital technologies and a responsible digital citizen. Gained basic skills to take into the Year 10 Digital Technologies course. Earned an Achieved grade (or better) for all course modules.
**CAREER PATHWAY**

The skills developed in Food and Fabric Technology are important for those who wish to follow a career in the food or Fashion industry. It provides a base for students to build their practical skills on, beginning with measuring and basic cooking and sewing skills.

**FOOD AND FABRIC TECHNOLOGY – YEAR 9**

We recommend that students who are interested in designing, planning and developing food and fabric products study this Technology area.

**HOW WILL I LEARN?**

- Food and fabric Technology is aimed at giving students basic skills in the food and fabrics area. These include: measuring, healthy eating choices, design ideas and construction.

**WHAT WILL I LEARN?**

- Practical skills – following a recipe/pattern, improving your practical skill base, recipe/pattern adaption and food preparation/garment construction.
- Accuracy with measuring, following the design process in the creation of a new product, packaging and labelling information.

**WHAT DOES IT LEAD TO?**

- Higher levels of study in Food or Fabric technology related career.

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**INTRODUCTION:**

You will become familiar with the food room and routines. Basic measuring skills are covered. You will be encouraged to develop your confidence in practical situations.

**RECORD OF LEARNING:**

A workbook is provided for all students. Students have three assessment points during the semester.

**WHEN YOU HAVE COMPLETED THE COURSE:**

You should have gained achieved grades in all units, especially if you wish to carry on to a year 10 Technology subject.

**WHAT DO I NEED?**

- A good attitude and to try your best in a new subject.

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**HOW WILL I BE ASSESSED?**

- Your work book and practical’s are assessed during the semester.
- Course covers 3 Technology Curriculum objectives.

**SUBJECT COSTS:**

- Subject COSTS are $30. This is used to cover the cost of ingredients and fabric used during the weekly practical lessons.
CAREER PATHWAY
The skills developed in Hard Materials technology are important to all careers in the areas of design engineering, construction and product design (technology, engineering and manufacturing products) or for anyone who might be thinking of a career in any of the technological areas.

TECHNOLOGY HARD MATERIALS – YEAR 9
We recommend that students interested in design, developing and making their ideas study Technology Hard Materials.

HOW WILL I LEARN?
• Technology hard Materials is all about exploring design ideas and developing them to a solution.
• The course covers the planning and developing of your ideas, understanding materials and processes involved in making your projects, and evaluating and understanding the impact of this work.

WHAT WILL I LEARN?
• All stages of the design process – brainstorm, research, concepts, design development, solution and evaluation
• Workshop skills, workshop safety, jewellery project and electronics project
• Related studies – topics related to the projects you design and make

WHAT DOES IT LEAD TO?
• Higher levels of study in Technology and any design or technology related career

WHAT DO I NEED?
A good attitude and to try your best. A safe work ethic.

HOW WILL IT BE ASSESSED?
Projects and related studies covered during the semester contribute 2 out of 8 technology objectives. Each topic is graded using NZ Curriculum Level 4.

SUBJECT COSTS:
Course cost is $25 for the materials you use and projects to take home

INTRODUCTION:
Most of you will have completed some Technology work in Y7 and 8. This course continues to develop the technology skills that involve technology practice (planning and making), knowledge (materials and processes) and effects these can have on society. Workshop safety is important to us and to you, so we require a safe learning environment for everyone. Technology hard Materials forms part of your Y9 Technology programme, with links to DVC, Food and Fabric, and digital Technologies.

RECORD OF LEARNING:
Your folio is a record of all your work you complete in the course. It will show all of the topics you have completed and provide future reference and a reminder of all the skills you have developed.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have completed the projects and related studies and gained an on or above NZC Level 4 grade for the 2 Technology course objectives. This will allow you to continue on in the Year 10 Technology hard Materials course.
**CAREER PATHWAY**
The skills developed in Design and Visual Communication is important to all careers in spatial design (architecture, landscape design and interior design), product design (technology, engineering and manufacturing products) or for anyone who may be thinking about a career in any of the technological areas.

**DESIGN AND VISUAL COMMUNICATION – YEAR 10**
We recommend that students who enjoy and are interested in design, drawing and developing their ideas study Design and Visual Communication.

**HOW WILL I LEARN?**
- Design and Visual Communication is all about drawing and creative design ideas.
- In class you will complete the different topics to build up your understanding of each area.

**WHAT WILL I LEARN?**
- All stages of the design process – brainstorm, research, concepts, design development, evaluation
- Drawing skills – freehand, paraline (pictorial), orthographic projection, rendering and presentation, CAD

**WHAT DOES IT LEAD TO?**
- Higher levels of study in DVC, any design or technology related career

**WHAT DO I NEED?**
Completed Y9 DVC course to an achieved level

**HOW WILL IT BE ASSESSED?**
Five DVC course objectives are covered over the year. There is the opportunity to improve your grades as different units are completed.

**SUBJECT COSTS:**
No course costs. Stationery is $40 and you will need a drawing board and tee square at home.

**INTRODUCTION:**
This course continues from Year 9 DVC. The first half of the year covers the main drawing and design topics. The second half of the year is applying these skills to a range of drawing projects.

**RECORD OF LEARNING:**
Each topic is designed to take 2-3 weeks to complete. Once underway on your projects in the second half of the year, the spatial and product design projects should take 4-6 weeks.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You should have gained an on or above NZ Curriculum Level 5 grade for the 5 course objectives you cover during the year. This will prepare you to achieve success in Year 11 DVC.
CAREER PATHWAY

Be part of creating a digital future... New Zealand is a world leader in using and creating information and digital technologies to realise our economic, environmental, social and cultural goals. The skills developed in Digital Technologies focuses on the growth of integrated technologies that can be accessed virtually anywhere, anytime. Digital technologies skills are required in a variety of career paths, as well as skills that are specific to the IT industry: app developer, game developer, web developer, animator, social media managers, cyber security, computer programmer, database manager, software tester/developer/engineer, data scientists, virtual reality developer, artificial intelligence expert/developer, Internet of Things (IoT) specialist, graphic designer, UX designer... the list is still being created!

DIGITAL TECHNOLOGIES – YEAR 10

This is a full year course for Year 10 students who are interested in digital technologies and building on the knowledge and skills developed from the Year 9 course.

HOW WILL I LEARN?
• Using desktop and BYOD devices
• Using a range of digital apps across differing contexts including school, home and the wider community
• Online learning apps
• Expert modelling of best practice and creativity

WHAT WILL I LEARN?
Knowledge and understanding of the skills and concepts relating to digital technologies including:
• Microsoft 365
• Digital apps including Microsoft Office
• Digital media including Adobe Suite, creating web pages
• Programming in deeper detail using Python
• Computer science
• 3D modelling
• Database application

WHAT DOES IT LEAD TO?
• NCEA L1 Digital Technologies

WHAT DO I NEED?
• Demonstration of good digital citizenship in Year 9.
• The courage to be innovative, creative and collaborative with enthusiasm, progressing on to senior courses.

HOW WILL IT BE ASSESSED?
• Practical use of apps demonstrating knowledge and creativity.

SUBJECT COSTS:
Adobe Creative Cloud student licence $8 – highly recommended.

INTRODUCTION:
This course is focused on different digital applications each term where students are encouraged to extend their prior knowledge and skills. Practical projects, across a range of digital applications will be undertaken, leading to assessment.

RECORD OF LEARNING:
Students have responsibility for their own file management, using Microsoft 365.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed strong digital knowledge and skills that will prepare you to achieve success in NCEA Level 1 DIT. Earned an Achieved grade (or better) for all course modules.
**CAREER PATHWAY**
The skills developed in Fabric Technology are important to those who wish to follow a career in the Fashion Design and construction industry. It provides a base for students to build their practical skills on, follow pattern procedures and learn about making garments.

**FABRIC TECHNOLOGY – YEAR 10**

We recommend that students who are interested in designing clothes, sewing and fashion, study Fabric Technology.

**HOW WILL I LEARN?**
- Fabric technology is all about exploring design ideas and developing them to a solution. Design ideas are presented graphically, ending with a final design. Students learn how to use a domestic sewing machine and overlocker.
- There is a mixture of theory and practical work.

**WHAT WILL I LEARN?**
- All stages of the design process - brainstorm, research, concepts, design development, final design and evaluation will be covered in assignment.
- Making practical projects will allow students to become confident on the sewing machine and overlocker.

**WHAT DOES IT LEAD TO?**
- Higher levels of study in Fabric Technology or technology related career.

**WHAT DO I NEED?**
A good attitude and safe working practices in a practical situation.

**HOW WILL IT BE ASSESSED?**
Theory and practical work are assessed throughout the year. The 8 Technology objectives are assessed.

**SUBJECT COSTS:**
Subject COSTS are $30. This helps to cover costs for thread needles and calico (term 4). The student is responsible to purchase fabric for term 1 and their own patterns and Fabric for term 2 and 3. A pattern and decorating supplies will need to be purchased in term 4.

**INTRODUCTION:**
You will be introduced to the main equipment you will use for the year, with a simple sewing bag and roll as the first project to build up the basic skills. Design work is complete in relation to the practical projects as well as other studies.

**RECORD OF LEARNING:**
A work book is provided which covers all assessment aspects for the year.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You should have gained achieved in at least 6 out of the 8 Technology objectives to continue to level 1 Fabric.
CAREER PATHWAY
The skills developed in Food technology are important to those who wish to follow a career in the food industry. It provides a base for students to build their practical skills on, follow recipes and learn about developing foods.

FOOD TECHNOLOGY – YEAR 10
We recommend that students who are interested in developing their practical skills, learning about food and designing and making food products study Food Technology.

HOW WILL I LEARN?
• Food technology is aimed at giving students basic skills. How to measure ingredients, read recipes, design food for a client and to develop food products.

WHAT WILL I LEARN?
• All stages of the design process - brainstorm, research, concepts, design development, final design and evaluation. Designing products for a client. Learning about food, where it comes from and how to use it.

WHAT DOES IT LEAD TO?
• Higher levels of study in Food and Nutrition, Catering or Technology related career.

INTRODUCTION:
You will be taught about safe food and how to use the equipment safely. You will design a breakfast for a teenager, develop burgers, methods of cookery, making biscuits for a client and international foods.

RECORD OF LEARNING:
Workbooks are provided which covers all 8 assessment objectives.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have at least achieved 6 out of the 8 Technology Objectives to continue to Level 1 Catering or Level 1 Food and Nutrition.
During the year, you will learn about the methods of cooking international foods, developing projects including burgers, breakfast and biscuits.

WHAT DO I NEED?
A good attitude and safe working practices in a practical situation.

HOW WILL IT BE ASSESSED?
Theory and practical work are assessed throughout the year. The 8 Technology objectives are assessed.

SUBJECT COSTS:
Subject COSTS are $30 for the year. This is to go towards the cost of ingredients. Students are expected to also bring some additional ingredients at times.
**CAREER PATHWAY**
The skills developed in Hard Materials technology are important to all careers in the areas of design engineering, construction and product design (technology, engineering and manufacturing products) or for anyone who might be thinking of a career in any of the technological areas.

**TECHNOLOGY HARD MATERIALS – YEAR 10**
We recommend that students interested in design, developing and making their ideas study Technology Hard materials.

**HOW WILL I LEARN?**
- Technology hard Materials is all about exploring design ideas and developing them to a solution
- The course covers the planning and developing of your ideas, understanding materials and processes involved in making your projects, and evaluating and understanding the impact of this work.
- The course covers the planning and developing of your ideas, understanding materials and processes involved in making your projects, and evaluating and understanding the impact of this work.

**WHAT WILL I LEARN?**
- All stages of the design process
- Workshop skills – Work shop safety, workshop skills, Jewellery project, Electronics project, Coffee table project. On successful completion of these projects, and with their teacher’s permission, students may design and make their own projects.
- Related studies – topics related to the projects you design and make.

**WHAT DOES IT LEAD TO?**
- Higher levels of study in Technology and any design or technology related career.

**WHAT DO I NEED?**
A good attitude and to try your best. A safe work ethic. Completed Y9 Technology programme to an achieved level or HOD written approval.

**HOW WILL IT BE ASSESSED?**
8 Technology curriculum course objectives are covered over the year. Each objective is graded using NZ Curriculum Level 5.

**SUBJECT COSTS:**
Course cost is $40 for the materials you use and projects to take home.

**INTRODUCTION:**
You will have completed the Y9 technology programme to give you a good start for the Y10 Technology hard Materials course. This course continues to develop the technology skills that involve technology practice (planning and making), knowledge (materials and processes) and the effects these can have on society. Workshop safety is important to us and to you, so we require a safe learning environment for everyone. The course is project based, which means that as you design and make the projects you also cover related studies topics.

**RECORD OF LEARNING:**
Each topic is designed around a technological area – Introduction (workshop safety and skills), Materials (pewter jewellery, Electronics (circuits and flashing light project), Production and processes (coffee table), Students choice (develop own ideas). Project duration is from 4 to 10 weeks.

**WHEN YOU HAVE COMPLETED THE COURSE:**
You should have gained an on or above NZ Curriculum Level 5 for the 8 course objectives you cover during the year. This will prepare you to achieve success in Y11 Technology, Furniture Making or Engineering.
CAREER PATHWAY
The course offered will provide the student with the opportunity to make a variety of projects that develop a range of skills, both practical and theoretical, that are recognised by the Furniture Making Training Organisation (FITEC) and NZQA.

BUILDING – YEAR 11 - LEVEL 2
We recommend students interested in a possible career in the building industry or those looking for skills and knowledge that will be useful in later life take this course.

HOW WILL I LEARN?
• The course continues from the introductory work covered in year 10 Technology.
• The main emphasis is to develop a greater understanding of technological knowledge and to build up a range of practical skills.
• The student constructing furniture pieces with good take home value.

WHAT WILL I LEARN?
• Safe workshop practice.
• The correct use of hand tools and some power tools.
• A range of joining and finishing methods.
• Correct construction techniques.

WHAT DOES IT LEAD TO?
• This course will provide the student with a solid base should he/she wish to continue building and/or career in the industry and also give him/her skills and knowledge that will be useful in later life.

WHAT DO I NEED?
The successful completion of Year 10 Technology is desirable, and/or the HOD written approval.

HOW WILL IT BE ASSESSED?
Oral, written and observational assessment of each BCITO US by trained workplace assessors.

SUBJECT COSTS:
Most of the materials required, are provided at a cost of $70 per Year 11 student. Should the student require any special materials, eg glass, native timber or the likes. These will be supplied by the student at their expense.

INTRODUCTION:
While constructing practical projects you will be taught safe workshop practice and the correct use of hand tools. The student will also be instructed in the correct use of a range of both power and machine tools. You will also become familiar with a number of joining and finishing methods and accepted construction techniques.

RECORD OF LEARNING:
Your folio will contain the prescribed written components of the course. It will show all of the topics you have completed and provide future reference and reminder of all the skills you have developed.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained a possible 20 Level 2 credits and be able to continue on in the Year BCITO course.

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20 credits gained
CAREER PATHWAY
The skills developed in Catering are important for students who wish to follow a career in the Hospitality and Catering area. This could be a broad range from being a barista to a pastry chef.

CATERING – YEAR 11 - LEVEL 1
We recommend that students interested in cooking, baking, developing their practical skills and who want to learn more about hospitality study Catering.

HOW WILL I LEARN?
- Catering is all about preparing food safely and hygienically for commercial purposes.
- The course is delivered using SERVICE IQ units of work
- Workbooks are provided and each unit is internally assessed
- Units are completed once the workbooks, practical activities and test are achieved and completed.

WHAT WILL I LEARN?
- Practical skills related to each topic as well as the associated theory
- Food safety, baking, fruit and vegetables, eggs and cheese, meat, hot finger foods, knife skills and cooking terminology.

WHAT DOES IT LEAD TO?
- Level 2TCAT or Level 2TFNT

WHAT DO I NEED?
A positive attitude. Unsafe or dangerous behaviours will not be tolerated in practical classes.
Completed a technology course (any subject) with at least 6 out of 8 objectives achieved or higher.

HOW WILL IT BE ASSESSED?
- All units are internally assessed.
- A written test is completed at the end of each unit and practical skills are observed and assessed regularly.
- Workbooks, test and practicals must be completed for each unit to gain credits.

SUBJECT COSTS:
There is a $60 fee attached to help cover the cost of ingredients used during weekly practical lessons and workbooks. Students are expected to also bring some additional ingredients at times.

INTRODUCTION:
You will become acquainted with working in the commercial kitchen. Food safety and personal hygiene are covered in depth throughout the year.

RECORD OF LEARNING:
A workbook is supplied for each of the units. Activities in the books need to be completed as well as the theory test at the end of the unit. Your practical skills are observed during practical lessons.
(Unit Standards)

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained a minimum of 12 credits to be able to proceed to level 2 Catering or level 2 Food and Nutrition.

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23 credits gained
CAREER PATHWAY
Virtually every job, career, business and organisation has computer users driving core tasks. This is your opportunity to become an advanced user of the Microsoft suite of applications including Word, Excel, Access, and Powerpoint. Add Microsoft certification to your CV to give a competitive edge.

COMPUTER APPLICATIONS – YEAR 11 - LEVEL 1
This course offers a combination of NCEA Achievement standards, NCEA Unit Standards and internationally recognised Microsoft Office Specialist exams.

HOW WILL I LEARN?
• Using school desktop computers
• Using the range of Microsoft 365 apps across differing contexts including school, home, community and business.
• Online learning systems
• Expert modelling of best practice and creativity
• Self-determined choice of applications
• Self-paced progress

WHAT WILL I LEARN?
Skills, knowledge and understanding of fundamental skills in user applications including:
• Microsoft Office suite of applications (Word, Excel, Publisher, Access)
• Document creating and formatting according to best practice and accepted business protocols.

WHAT DOES IT LEAD TO?
• Computer Applications – Level 2-3
• Microsoft Office Specialist Certificates at advanced and expert levels

WHAT DO I NEED?
• Demonstration of good digital citizenship in Year 9.
• The desire to become a fundamental user of Microsoft Office for use in study or the workforce.
• NO SPECIFIC PRE-REQUISITES

INTRODUCTION:
The course will develop learning for assessment of the Microsoft Office suite of applications through online tests, achievement and unit standards.

RECORD OF LEARNING:
Microsoft Office Specialist Certificates are available for each application. These will be printed and awarded to students. Students will also maintain an online version of the qualifications gained through Microsoft. Students maintain their own file management through OneDrive and/or the school network.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed strong digital knowledge and skills resulting in acquisition of internationally recognised Microsoft certifications and/or unit standard credits for NCEA. These will be invaluable in the workforce, study or career and curriculum vitae.

SCHEDULE:

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Note: accurate credit count is dependent upon learning plan agreed to between student and teacher.

NOTE: NCEA CREDITS FOR THE MICROSOFT OFFICE SPECIALIST CERTIFICATES MAY BE AVAILABLE UPON APPLICATION TO NZQA. SEE THE NZQA WEBSITE FOR FULL INFORMATION. See also Mrs McLeod, HOD Digital Technologies for an explanation of how this works.

**CAREER PATHWAY**

The skills developed in Design and Visual Communication is important to all careers in spatial design (architecture, landscape design and interior design), product design (technology, engineering and manufacturing products) or for anyone who make be thinking about a career in any of the technological areas.

**DESIGN AND VISUAL COMMUNICATION – YEAR 11 - LEVEL 1**

We recommend that students who enjoy and are interested in design, drawing and developing their ideas study Design and Visual Communication

**HOW WILL I LEARN?**

- You will work on your design projects in class during the year which will cover all Achievement Standards offered.

**WHAT WILL I LEARN?**

- Drawing skills – freehand, paraline (pictorial), orthographic projection, rendering and presentation, CAD
- All stages of the design process – brainstorm, research, concepts, design development, evaluation.

**WHAT DOES IT LEAD TO?**

- Higher levels of study in DVC, any design or technology related career

**WHAT DO I NEED?**

- Completed Y10 DVC course achieving five out of six course objectives

**HOW WILL IT BE ASSESSED?**

- Internal – 9 x L1 credits
- External - 10 x L1 credits
- Extra credits may be available (for high achieving students)

**SUBJECT COSTS:**

- No course costs. Stationery is $40 and you will need a drawing board and tee square at home

**INTRODUCTION:**

You will complete some introduction topics to prepare you for your NCEA projects. You will also plan your course to cover the number of achievement standards you think you can manage. Most of the year is devoted to working on your projects which cover the Achievement Standards being undertaken.

**RECORD OF LEARNING:**

Projects are designed to cover both internal and external achievement standards. A spatial design project and a product design project are completed during the year, both in class and at home.

**WHEN YOU HAVE COMPLETED THE COURSE:**

You should have gained the 19 credits and be able to continue on in the Level 2 DVC course.

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19 credits gained (9 internal / 9 external)
CAREER PATHWAY
Be part of creating a digital future... New Zealand is a world leader in using and creating information and digital technologies to realise our economic, environmental, social and cultural goals. The skills developed in Digital Technologies focusses on the growth of integrated technologies that can be accessed virtually anywhere, anytime. Digital technologies skills are required in a variety of career paths, as well as skills that are specific to the IT industry: app developer, game developer, web developer, animator, social media managers, cyber security, computer programmer, database manager, software tester/developer/engineer, data scientists, virtual reality developer, artificial intelligence expert/developer, Internet of Things (IoT) specialist, graphic designer, UX designer... the list is still being created!

DIGITAL TECHNOLOGIES – YEAR 11 - LEVEL 1
This is an NCEA Achievement Standard course designed for students who have shown aptitude and are interested in digital technologies, possibly with a view to pursuing a career in one of the many fields which use or create digital technologies.

HOW WILL I LEARN?
• Using desktop and BYOD devices
• Using a range of digital apps across differing contexts including school, home and the wider community
• Online learning apps
• Expert modelling of best practice and creativity

WHAT WILL I LEARN?
Knowledge and understanding of the skills and concepts relating to digital technologies including:
• Digital apps including Microsoft Office 365
• Digital media including Adobe Suite, creating animations
• Programming using Python
• Computer science

WHAT DOES IT LEAD TO?
• NCEA Level 2 Digital Technologies

WHAT DO I NEED?
• Demonstration of good digital citizenship in Year 9.
• The courage to be innovative, creative and collaborative with enthusiasm.

HOW WILL IT BE ASSESSED?
• Practical use of apps, demonstrating knowledge and creativity.
• Records of planning, testing and evaluation.
• A written report for external submission.
• NO EXAMS.

SUBJECT COSTS:
Adobe Creative Cloud student licence $8 – highly recommended.

INTRODUCTION:
This course will develop learning for and assessment of the application of creative digital technologies through Achievement Standards.

RECORD OF LEARNING:
Students have responsibility for their own file management, providing evidence to meet all assessment criteria. Some printed evidence will be necessary.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed strong digital knowledge and skills resulting in successful achievement at NCEA Level 1; preparing for continued development at NCEA Level 2.

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17 credits

* An additional optional Computer Science Achievement Standard is for motivated students.

** External report submission

Note: a new DIT curriculum is due for implementation in 2018-2020 and may result in changes to the proposed course – changes will not be significantly different or detrimental to student achievement.
CAREER PATHWAY
The skills developed in engineering are important to most careers in industrial area (Mechanical engineer, Maintenace engineer and Mechatronics), product design (technology, engineering and manufacturing products) or for anyone who may be thinking about a career in any of the technological areas.

ENGINEERING – YEAR 11 - LEVEL 1
We recommend this for students interested in the fabrication of mechanical products through the use of hard materials (metals and plastics).

HOW WILL I LEARN?
• Design and producing a solution to a given problem.
• Getting to know the tools and techniques required to shape and form metal and plastics.
• Understanding the properties of different materials and using them to your advantage.

WHAT WILL I LEARN?
• You will learn how to cut, shape and join materials.
• How to approach a design problem and come up with a solution of your own.
• The rights and responsibilities you have as a worker and the responsibilities of your employer.
• How to safely operate workshop tools to achieve a desired outcome.

WHAT DOES IT LEAD TO?
• Level 2 engineering, or apprenticeship in the engineering areas.

WHAT DO I NEED?
Good safety record in Year 10.
Completed all Year 10 Technology outcomes at Achieved or higher.
No more than 25 per class.
Agreement of TIC – RY

INTRODUCTION:
You will be introduced to safe working practices and the rights and responsibilities of a worker in the workplace. Have a chance to develop your hand skills and learn about different manufacturing processes.

RECORD OF LEARNING:
SAFETY IN THE WORKPLACE
PRODUCE A SIMPLE DEVICE
DESIGN A PRODUCT

WHEN YOU HAVE COMPLETED THE COURSE:
The skills and content will prepare students for Level 2. Students will complete 24 credits at Level 1 over the year.
CAREER PATHWAY
The skills developed in Fabric Technology are important for those who wish to follow a career in the fashion industry. It provided a base for students to build their practical skills on beginning with using a domestic machine.

FABRIC TECHNOLOGY – YEAR 11 - LEVEL 1
We recommend that students who are interested in designing clothes, sewing and fashion, study Fabric Technology.

HOW WILL I LEARN?
• Fabric Technology is all about exploring design ideas and developing them to a solution.
• The design ideas are presented graphically and/or using appropriate modelling, ending with a final design.
• The final design is produced as a prototype using a pattern and fabric provided by the student.

WHAT WILL I LEARN?
• All stages of the design process - brainstorm, research, concepts, design development, final design and evaluation.
• Practical skills measuring, cutting, sewing, fitting.
• Evaluation and testing fitness for purpose.

WHAT DOES IT LEAD TO?
• Higher levels of study in Fabric Technology or technology related career.

WHAT DO I NEED?
Completed a Year 10 Technology course (any subject) with at least 6 out of eight achieved or higher grades.

HOW WILL IT BE ASSESSED?
Internal – folio and practical work.

SUBJECT COSTS:
Subject COSTS are $30. This is used to help cover costs for thread, needles, paper and other small equipment needs. The student must purchase their own patterns and fabric.

INTRODUCTION:
You will be introduced to the main topics that we will cover in Fabric. The design process is an integral part of each unit. The development of ideas for a client (can be yourself) are brought to realisation with the making of the design ideas.

PRACTICAL PROJECTS
These range from a storage product, a semi-formal garment to a garment of choice with sufficient techniques.

RECORD OF LEARNING:
Your folio is a record of all the paper work you complete in the course. It will show all of the design ideas you have completed, evaluations, and testing the final product for fitness for purpose.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have achieved a minimum of 12 credits to continue to the Level 2 course.

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20 credits gained
CAREER PATHWAY
The skills developed in Food and Nutrition are important to all careers in nutrition, food science and technology, catering and hospitality, or for anyone who may be thinking about a career in any of the technological areas.

FOOD AND NUTRITION – YEAR 11 - LEVEL 1

We recommend that students interested in food, nutrition and food issues study Food and Nutrition.

HOW WILL I LEARN?
- Food and Nutrition is all about the foods we eat and the choices we make about food.
- Food safety and hygiene is studied to give students a working knowledge of safe food practices.
- Choosing the right foods to suit different gender and lifestyle.
- A range of activities including case studies and practical lessons.

WHAT WILL I LEARN?
- Basic nutrition and the promotion of healthier food choices
- Food hygiene
- Safe practices in the kitchen
- Planning, preparing and serving of food
- How food packaging influences the choices made when choosing foods.

WHAT DOES IT LEAD TO?
- Higher levels of study in Food and Nutrition, any design or technology related career.

INTRODUCTION:
You will be introduced to the main topics that are studied in nutrition. Starting with basic nutrition, we then develop an understanding of safety and hygiene in the kitchen. As you become more familiar with these, we can then apply these to real life situations where you can develop your meal planning skills and justify food choices based on the Food and Nutrition Guidelines.

Students cook once a week. Dishes include but are not limited to main meals, snacks, vegetable cookery, sweet dishes and cultural foods.

RECORD OF LEARNING:
Assignment work and practical for internals.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained 16 credits achieved grade (or better) and be able to continue on in the Level 2 course.

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14 INT and 4 EXT credits gained
CAREER PATHWAY
The course offered will provide the student with the opportunity to make a variety of projects that develop a range of skills, both practical and theoretical, that are recognised by the Furniture Making Training Organisation (FITEC) and NZQA.

FURNITURE MAKING – YEAR 11 - LEVEL 1
We recommend students interested in a possible career in the furniture making industry or those looking for skills and knowledge that will be useful in later life take this course.

HOW WILL I LEARN?
• The course continues from the introductory work covered in year 10 Technology.
• The main emphasis is to develop a greater understanding of technological knowledge and to build up a range of practical skills.
• The student constructing furniture pieces with good take home value.

WHAT WILL I LEARN?
• Safe workshop practice.
• The correct use of hand tools and some power tools.
• A range of joining and finishing methods.
• Correct construction techniques.

WHAT DOES IT LEAD TO?
• This course will provide the student with a solid base should he/she wish to continue furniture making and/or career in the industry and also give him/her skills and knowledge that will be useful in later life.

WHAT DO I NEED?
The successful completion of Year 10 Technology and/or the HOD written approval.

HOW WILL IT BE ASSESSED?
Oral, written and observational assessment of each FITEC US by trained workplace assessors.

SUBJECT COSTS:
Most of the materials required, are provided at a cost of $60 per Year 11 student. Should the student require any special materials, eg glass, native timber or the likes. These will be supplied by the student at their expense.

INTRODUCTION:
While constructing practical projects you will be taught safe workshop practice and the correct use of hand tools. The student will also be instructed in the correct use of a range of both power and machine tools. You will also become familiar with a number of joining and finishing methods and accepted construction techniques.

RECORD OF LEARNING:
Your folio will contain the prescribed written components of the course. It will show all of the topics you have completed and provide future reference and reminder of all the skills you have developed.

As a guide you should have gained 5 credit by the end of term 2, 4 more credits by the end of term 3, and the final 6 credits early in term 4. (17 credits in total)

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained a possible 17 Level 2 credits and be able to continue on in the Year 12 Furniture Making course.

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17 credits gained
CAREER PATHWAY

The skills developed in Hard Materials technology are important to all careers in the areas of design engineering, construction and product design (technology, engineering and manufacturing products) or for anyone who might be thinking of a career in any of the technological areas.

HARD MATERIALS TECHNOLOGY – YEAR 11 - LEVEL 1

We recommend that students also interested in design, drawing and developing their ideas study Design and Visual Communication or Digital Technology. This will assist you in completing and presenting your written work.

HOW WILL I LEARN?

- Hard Materials Technology is all about exploring and developing design ideas and solutions to given problems.
- Learning new craft skills, programming robots and using CNC machinery.
- Your design ideas and solutions are presented graphically and accompanied with a written report explain the processes covered in solving hard materials technology problems.
- The final completed project presentation will include drawings or photo’s to enable your design to be understood with accompanying written notes.

WHAT WILL I LEARN?

- All stages of the design process - brainstorm, research, concepts, design development, evaluation.
- Programming IC chips, setting up and running a CNC machine, tradition workshop craft skills and welding techniques.

WHAT DOES IT LEAD TO?

- Higher levels of study in Technology and related careers.

WHAT DO I NEED?

Achieved 7 of the objectives at Year 10.

HOW WILL IT BE ASSESSED?

Internal and External Achievement Standards

SUBJECT COSTS:

$70.00 (for materials)

INTRODUCTION:

You will be introduced to the main topics that are used in Hard Materials technology. Starting with craft skills, we then develop an understanding of how to programme an IC chip. As you become more familiar with these, we can then apply these to some technological problems where you can develop your own ideas and present your solutions.

RECORD OF LEARNING:

Your projects are a record of all the work you have completed in the course. It will show all of the topics you have completed and provide future reference and reminder of all the skills you have developed.

WHEN YOU HAVE COMPLETED THE COURSE:

You should have gained an achieved grade (or better) and be able to continue on in the Year 12 Hard Materials Technology course.

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<td>Total credits = 17 for the year</td>
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CAREER PATHWAY
Year 12 Building is a unique opportunity. It has been designed to use your prior knowledge and increase your practical skill base through a real building context. Success in this course could lead to real-world apprenticeships and craftsmanship in carpentry.

BUILDING – YEAR 12 - LEVEL 2

We recommend students interested in a possible career in the construction industry or those looking for skills and knowledge that will be useful in later life take this course.

HOW WILL I LEARN?
- Honing your construction skills
- Gaining the confidence in various trades: electrical, plumbing, roofing, plastering
- Involvement with real industry and local professionals.

WHAT WILL I LEARN?
- Safe workshop practice.
- The correct use of hand tools and some power tools.
- A range of joining and finishing methods.
- Correct construction techniques.

WHAT DOES IT LEAD TO?
- This course will provide the student with a solid base should he/she wish to continue building and/or career in the construction industry and also give him/her skills and knowledge that will be useful in later life.

WHAT DO I NEED?
The successful completion of Year 11 Building and with the HOD approval around worksite safety.

HOW WILL IT BE ASSESSED?
Oral, written and observational assessment of each BCITO US by trained workplace assessors.

SUBJECT COSTS:
NIL

INTRODUCTION:
Set up to give students interested in the construction industry a focussed, authentic learning environment. Students would be building a two bedroom house (approx. 50 square meters floor area). This is a transportable building. It continues the practical the theory skills learned in Year 11.

WHEN YOU HAVE COMPLETED THE COURSE:
19 Level 2 credits (BCATS – trades)
CAREER PATHWAY
The skills developed in Catering are important for students who wish to follow a career in the Hospitality and Catering area. This could be a broad range from being a barista to a pastry chef.

CATERING – YEAR 12 - LEVEL 2 (2TCAT)
We recommend this course for students interested in cooking, baking and developing their practical skills.

HOW WILL I LEARN?
• Catering is all about preparing food safely and hygienically for commercial purposes.
• The course is delivered using SERVICE IQ units of work
• Workbooks are provided and each unit is internally assessed
• Workbooks, theory tests and practical assessments.

WHAT WILL I LEARN?
• Practical skills related to each topic as well as the associated theory
• At the end of each unit you will be assessed to check your level of understanding
• Practical observations will be carried out as if you are in a commercial kitchen

WHAT DOES IT LEAD TO?
• Job opportunities for cafes, restaurants, tertiary studies at AUT and MIT.
• Level 3 Catering

WHAT DO I NEED?
To have completed 12 x L1 credits in 1TCAT or 1FNT or HOD approval. Must have gain U$167 in term 1. This is a prerequisite for all other units for the year

HOW WILL IT BEASSESSED?
All units are internally assessed. Workbooks and activities are completed. A test is written at the end of each unit and practical skills are observed and assessed regularly. All three components must be completed for each unit.

SUBJECT COSTS:
There is a $60 fee attached to help cover the cost of ingredients used during weekly practical lessons. Students are expected to also bring some additional ingredients at times.

INTRODUCTION:
You will become acquainted with working in the commercial kitchen. The first unit covers food safety methods used in a food business, which is a prerequisite for achieving any of the food related topics. You then move onto developing skills in handling of knives, preparing fruit and vegetable cuts, grilling foods, making interesting salads and a range of different sandwiches.

RECORD OF LEARNING:
Activities in the workbooks need to be completed as well as the theory test at the end of the unit. Your practical skills are observed during practical lessons.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have minimum of 12 credits to proceed to the next level 3TCAT or 3TFNT

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CAREER PATHWAY
Virtually every job, career, business and organisation has computer users driving core tasks. This is your opportunity to become an advanced user of the Microsoft suite of applications including Word, Excel, Access, and PowerPoint. Add Microsoft certification to your CV to give a competitive edge.

COMPUTER APPLICATIONS – YEAR 12 - LEVEL 2
This course offers a combination of NCEA Achievement standards, NCEA Unit Standards and internationally recognised Microsoft Office Specialist exams.

HOW WILL I LEARN?
• Using school desktop computers
• Using the range of Microsoft 365 apps across differing contexts including school, home, community and business.
• Online learning systems
• Expert modelling of best practice and creativity
• Self-determined choice of applications
• Self-paced progress

WHAT WILL I LEARN?
Skills, knowledge and understanding of fundamental skills in user applications including:
• Microsoft Office suite of applications (Word, Excel, Publisher, Access)
• Document creating and formatting according to best practice and accepted business protocols.

WHAT DOES IT LEAD TO?
• Computer Applications – Level 3
• Microsoft Office Specialist Certificates at advanced and expert levels

INTRODUCTION:
The course will develop learning for assessment of the Microsoft Office suite of applications through online tests, achievement and unit standards.

RECORD OF LEARNING:
Microsoft Office Specialist Certificates are available for each application. These will be printed and awarded to students. Students will also maintain an online version of the qualifications gained through Microsoft. Students maintain their own file management through OneDrive and/or the school network.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed strong digital knowledge and skills resulting in acquisition of internationally recognised Microsoft certifications and/or unit standard credits for NCEA. These will be invaluable in the workforce, study or career and curriculum vitae.

SCHEDULE:
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Note: accurate credit count is dependent upon learning plan agreed to between student and teacher.

NOTE: NCEA CREDITS FOR THE MICROSOFT OFFICE SPECIALIST CERTIFICATES MAY BE AVAILABLE UPON APPLICATION TO NZQA. SEE THE NZQA WEBSITE FOR FULL INFORMATION.
CAREER PATHWAY
The skills developed in Design and Visual Communication is important to all careers in spatial design (architecture, landscape design and interior design), product design (technology, engineering and manufacturing products) or for anyone who make be thinking about a career in any of the technological areas.

DESIGN AND VISUAL COMMUNICATION – YEAR 12 - LEVEL 2
We recommend that students who enjoy and are interested in design, drawing and developing their ideas study Design and Visual Communication. You will work on your design projects in class during the year which will cover all Achievement Standards offered.

HOW WILL I LEARN?
- Design and Visual Communication is all about exploring design ideas and developing them to a solution.

WHAT WILL I LEARN?
- Drawing skills – freehand, paraline (pictorial), orthographic projection, rendering and presentation, CAD
- All stages of the design process – brainstorm, research, concepts, design development, evaluation

WHAT DOES IT LEAD TO?
- Higher levels of study in DVC, any design or technology related career

WHAT DO I NEED?
Completed 12 x L1 credits
Completed Year 10 DVC course achieving five out of six course objectives.

HOW WILL IT BE ASSESSED?
Internal - 12 x L2 credits
External - 10 L2 credits
Extra credits may be available

SUBJECT COSTS:
No course costs. Stationery is $40 and you will need a drawing board and tee square at home

INTRODUCTION:
You will complete some introduction topics to prepare you for your NCEA projects. You will also plan your course to cover the number of achievement standards you think you can manage. A spatial design project and a product design project are completed during the year, both in class and at home.

RECORD OF LEARNING:
Projects are designed to cover both internal and external achievement standards. You can plan your own projects, with guidance, to ensure you can cover the achievement standards requirements.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained the 18 credits and be able to continue on in the Level 3 DVC course

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22 credits gained
CAREER PATHWAY
Be part of creating a digital future... New Zealand is a world leader in using and creating information and digital technologies to realise our economic, environmental, social and cultural goals. The skills developed in Digital Technologies focuses on the growth of integrated technologies that can be accessed virtually anywhere, anytime. Digital technologies skills are required in a variety of career paths, as well as skills that are specific to the IT industry: app developer, game developer, web developer, animator, social media managers, cyber security, computer programmer, database manager, software tester/developer/engineer, data scientists, virtual reality developer, artificial intelligence expert/developer, Internet of Things (IoT) specialist, graphic designer, UX designer... the list is still being created!

DIGITAL TECHNOLOGIES – YEAR 12 - LEVEL 2
This is an NCEA Achievement Standard course designed for students who have achieved success in NCEA Level 1 and are interested in digital technologies, possibly with a view to pursuing a career one of the many fields which use or create digital technologies.

HOW WILL I LEARN?
- Using desktop and BYOD devices
- Using a range of digital apps across differing contexts including school, home and the wider community
- Online learning apps
- Expert modelling of best practice and creativity
- Electronic workbooks

WHAT WILL I LEARN?
Knowledge and understanding of the skills and concepts relating to digital technologies including:
- Digital apps including Microsoft Office
- Digital media including Adobe Suite, creating animations
- Programming using Python, C#

WHAT DOES IT LEAD TO?
- NCEA L3 Digital Technologies

WHAT DO I NEED?
- DIT Level 1 credits (10-12)
- OR approval from HOD
- Previous demonstration of good digital citizenship
- The courage to be innovative, creative and collaborative with enthusiasm.

INTRODUCTION:
This course will develop learning for and assessment of the application of creative digital technologies through Achievement Standards.

RECORD OF LEARNING:
Students have responsibility for their own file management, providing evidence to meet all assessment criteria. Some printed evidence will be necessary.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed strong digital knowledge and skills resulting in successful achievement at NCEA Level 2; preparing for continued development at NCEA Level 3.

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** External report submission

*** Note: a new DIT curriculum is due for implementation in 2018-2020 and may result in changes to the proposed course – changes will not be significantly different or detrimental to student achievement.
CAREER PATHWAY
The skills developed in engineering are important to most careers in industrial area (Mechanical engineer, Maintenance engineer and Mechatronics), product design (technology, engineering and manufacturing products) or for anyone who may be thinking about a career in any of the technological areas.

ENGINEERING – YEAR 12 - LEVEL 2
We recommend this for students interested in the fabrication of mechanical products through the use of hard materials (metals and plastics).

HOW WILL I LEARN?
• Increasing the engineering knowledge gained in Level 1
• Becoming proficient in use of the tools and techniques required to shape and form metal and plastics.
• Understanding the properties of different materials and using them to your advantage.
• Understanding how to use lathes, mills, welders and gas equipment in a safe manner to achieve a desirable outcome.

WHAT WILL I LEARN?
• You will learn how to cut, shape and join materials.
• How to maintain and operate different machinery.
• How to maintain and operate hand, measuring, marking-out and power tools.
• Gain the experience required to prepare you to start an engineering apprenticeship.
• How to sketch a simple drawing for manufacture.

WHAT DOES IT LEAD TO?
• Apprenticeship in the engineering areas or a course at tertiary provider.

WHAT DO I NEED?
Completed Engineering Level 1 – all 24 credits.

WHAT WILL IT BE ASSESSED?
Internally

SUBJECT COSTS:
$60 for materials

INTRODUCTION:
You will be expected to have safe working practices and demonstrate this through providing actions for different situations. They will get to know the rights and responsibilities of an employer/employee. Students should leave the course with a greater understanding of how to manipulate and join materials achieve a desired effect.

RECORD OF LEARNING:
Engineering material
Engineering sketches
Engineering handbook
Engineering tasks
Engineering marking out tool
Safety in the workplace

Students will gain the above units while completing an engineering product.

WHEN YOU HAVE COMPLETED THE COURSE:
Preparation for apprenticeship and/or Level 3 at an external course provider.

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<td>19 credits gained</td>
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Pukekohe High School – Technology Faculty
CAREER PATHWAY
The skills developed in Fabric Technology are important for those who wish to follow a career in the fashion industry. It provides a base for students to build their practical skills on, beginning with using a domestic machine.

FABRIC TECHNOLOGY – YEAR 12 - LEVEL 2
We recommend that students who are interested in designing clothes, sewing and fashion study Fabric Technology.

HOW WILL I LEARN?
- Fabric Technology is all about exploring design ideas and developing them to a solution.
- The design ideas are presented graphically and/or using appropriate modelling, ending with a final design.
- Learning to draft a skirt pattern to fit a client.
- The final design is produced as a prototype using a pattern and fabric provided by the student.

WHAT WILL I LEARN?
- All stages of the design process - brainstorm, research, concepts, design development, final design and evaluation.
- Skirt pattern drafting skills
- Pattern adaption techniques
- Practical skills - measuring cutting, sewing, fitting.
- Evaluation and testing fitness for purpose.

WHAT DOES IT LEAD TO?
- Higher levels of study in Fabric Technology or technology related career.

WHAT DO I NEED?
- 12 credits in a Level 1 Technology course or 14 credits in 11 English or 11 Art. Sewing skills are an advantage.

HOW WILL IT BE ASSESSED?
- Internal folio and practical work.
- External is a report.

SUBJECT COSTS:
- Subject COSTS are $30. This is to help cover pattern drafting resources, calico and small equipment supplies.

INTRODUCTION:
You will be introduced to the main topics that we will cover in Fabric. The design process is an integral part of each unit. The development of ideas for a client (can be yourself) are brought to realisation with the making of the design idea.

PRACTICAL PROJECTS
- Skirt blocks, patterns, garment with special features.

RECORD OF LEARNING:
Your folio is a record of all the paper work you complete in the course. It will show all of the design ideas you have completed, evaluations, and testing the final product for fitness for purpose.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have achieved a minimum of 12 credits to continue to the Level 3 course.

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20 credits gained
CAREER PATHWAY
The skills developed in Food and Nutrition are important to all careers in nutrition, food science and technology, Nannying, catering and hospitality, or for anyone who may be thinking about a career in any of the technological areas.

FOOD AND NUTRITION – YEAR 12 - LEVEL 2
We recommend that students interested in food, nutrition and food issues study Food and Nutrition.

HOW WILL I LEARN?
- Food and Nutrition is all about the foods we eat and the choices made about food.
- Level 2 Food and Nutrition looks at issues related to food choices and society.
- Choosing the right foods to suit different gender and lifestyle, medical issues and issues affecting New Zealand.
- A range of activities including case studies and practical lessons.

WHAT WILL I LEARN?
- Human nutrition
- The impact of a national food issue on New Zealand families.
- How food related issues affect individual and their families.
- The use of health promotional materials.

WHAT DOES IT LEAD TO?
- Higher levels of study in Food and Nutrition, any design or technology related career.

WHAT MUST I HAVE?
16 credits in Level 1 Food and Nutrition or 16 credits in Level 1 English

HOW WILL IT BE ASSESSED?
Assessment work and practical for internals.
Subject COSTS:
Subject COSTS are $60. This help cover the cost of ingredients used during the weekly practical lessons. Students are expected to also bring some additional ingredients at times.

INTRODUCTION:
You will be introduced to the main topics that are studied in nutrition. Starting with basic nutrition, we then develop an understanding of influences on food choices. As you become more familiar with these, we can then apply these to real life situations where you can develop your meal planning skills and justify food choices based on the Food and Nutrition Guidelines. Evaluating choices against individual needs.
Students cook once a week. Dishes include but are not limited to main meals, snacks, vegetable cookery, sweet dishes.

RECORD OF LEARNING:
Internal - 14 x L1 credits
External - 4 x L1 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained at least 16 credits with an achieved grade (or better) to continues to Level 3 Food and Nutrition
CAREER PATHWAY
The skills developed in Hard Materials Technology are important to all careers in the areas of design, engineering, construction and product design (technology, engineering and manufacturing products) or for anyone who might be thinking of a career in any of the technological areas.

HARD MATERIALS TECHNOLOGY – YEAR 12 - LEVEL 2
We recommend that students also interested in design, drawing and developing their ideas study Design and Visual Communication or Digital Technology, This will assist you in completing and presenting your written work.

HOW WILL I LEARN?
- Hard Materials Technology is all about exploring and developing design ideas and solutions to given problems and extending your knowledge in a range of technological field.
- Learning new craft skills, programming robots and using CNC machinery and planning techniques for projects.
- Your design ideas and solutions are presented graphically and accompanied with a written report explaining the processes covered in solving hard materials technology problems.
- The final completed project presentation will include drawings or photo’s to enable your design to be understood with accompanying written notes.

WHAT WILL I LEARN?
- All stages of the design process - brainstorm research, concepts, design development evaluation.
- Programming IC chips, setting up and running a CNC machine, traditional workshop craft skills, welding techniques plus finish of materials.

WHAT DOES IT LEAD TO?
- Higher levels of study in Technology and related careers.

WHAT DO I NEED?
Gained 12 out of 17 credit at Level 1.

HOW WILL IT BE ASSESSED?
Internal and external Achievement Standards

SUBJECT COSTS:
$80.00 (for materials)

INTRODUCTION:
You will be introduced to the main topic that are used in Hard Materials Technology. Starting with craft skills, we then develop an advanced understanding of how to programme an IC chip. As you become more familiar with these, we can then apply this to some technological problems where you can develop your own ideas and present your solutions.

RECORD OF LEARNING:
Your projects are a record of all the work you have completed in the course. It will show all of the topics you have covered and completed plus provide future reference and reminder of all the skills you have developed.

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<td>Total credits = 18 for the year</td>
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WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained an achieve grade (or better) and be able to continue on in the Year 13 Hard Materials Technology course.
CAREER PATHWAY
Year 12 Furniture Making is the second stage of a three year course. It has been designed to use your prior knowledge and increase your skill base through the production of two larger practical pieces under the guidance of FITEC. (Year 11 Furniture Making is desirable but not a prerequisite for this course)

FURNITURE MAKING – YEAR 12 - LEVEL 2
We recommend students interested in a possible career in the furniture making industry or those looking for skills and knowledge that will be useful in later life take this course.

HOW WILL I LEARN?
- This course builds on the introductory work covered in Year Furniture Making.
- The main emphasis is to further develop your understanding of technological knowledge and to increase your range of practical skills.
- The student constructing furniture pieces with good take home value.

WHAT WILL I LEARN?
- Safe workshop practice.
- The correct use of hand tools and some power tools.
- A range of joining and finishing methods.
- Correct construction techniques.
- Carcase construction.

WHAT DOES IT LEAD TO?
- This course will provide the student with a solid base should he/she wish to continue in furniture making as career in the industry and also give him/her skills and knowledge that will be useful in later life.

WHAT DO I NEED?
The successful completion of Year 11 Furniture Making, and/or the HOD written approval

HOW WILL IT BE ASSESSED?
Oral, written and observational assessment of each FITEC US by trained workplace assessors.

SUBJECT COSTS:
Most of the materials required, are provided at a cost of $60 per Year 12 student. Should the student require any special materials, eg glass, native timber or the likes. These will be supplied by the student at their expense.

INTRODUCTION:
While constructing practical projects you will be taught safe workshop practice and the correct use of hand tools. The student will also be instructed in the correct use of a range of both power and machine tools. You will also become familiar with a number of joining and finishing methods and accepted construction techniques.

RECORD OF LEARNING:
Your folio will contain the prescribed written components of the course. It will show all of the topics you have completed and provide future reference and reminder of all the skills you have developed.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained a possible 15 Level 2 credits and be able to continue on in the Year 13 Furniture Making course.

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15 credits gained
CAREER PATHWAY
The skills developed in Catering are important for students who wish to follow a career in the hospitality and catering area. This could be a broad range from being a barista to a pastry chef.

CATERING – YEAR 13 - LEVEL 3 (3TCAT)
We recommend this course for students seriously interested in the hospitality industry, including barista.

HOW WILL I LEARN?
• Catering is all about preparing food safely and hygienically for commercial purposes.
• The course is delivered using SERVICE IQ units of work.
• Workbooks are provided and each unit is internally assessed.
• Workbooks, theory tests and practical assessments.
• Participating in events out of school “hours” is compulsory. This could include a lunchtime café for staff, sports exchange lunches and other catering events.

WHAT WILL I LEARN?
• Practical skills related to each topic as well as the associated theory.
• At the end of each unit you will be assessed to check your level of understanding.
• Practical observations will be carried out as if you are in a commercial kitchen.
• Working in a realistic commercial environment under time pressure and for actual customers.

WHAT DOES IT LEAD TO?
• Job opportunities for cafes, restaurants, tertiary studies at AUT and MIT.

WHAT DO I NEED?
To have completed 10 credits in L2 FNT or L2 CAT.

HOW WILL IT BE ASSESSED?
All units are internally assessed. Workbooks and activities are completed. A test is written at the end of each unit and practical skills are observed and assessed regularly. All three components must be completed for each unit.

SUBJECT COSTS:
There is a $60 fee attached to help cover the cost of ingredients used during weekly practical lessons. Students are expected to also bring some additional ingredients at times.

INTRODUCTION:
You will become acquainted with working in the commercial kitchen with time pressure and actual customers. Student’s must be prepared to work outside normal class hours. This could be at interval or lunchtimes or after school. Basic nutrition, complex sandwiches and some coffee units will be covered in the course content.

RECORD OF LEARNING:
Activities in the workbooks need to be completed as well as the theory test at the end of the unit. Your practical skills are observed during practical lessons. Compulsory participation in the kitchen to work under time pressure for actual customers.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have a good understanding of the requirements for working in a commercial kitchen and barista skills.

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<td>22 credits gained</td>
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CAREER PATHWAY
Virtually every job, career, business and organisation has computer users driving core tasks. This is your opportunity to become an advanced user of the Microsoft suite of applications including Word, Excel, Access, and Powerpoint. Add Microsoft certification to your CV to give a competitive edge.

COMPUTER APPLICATIONS – YEAR 13 - LEVEL 3
This course offers a combination of NCEA Achievement standards, NCEA Unit Standards and internationally recognised Microsoft Office Specialist exams.

HOW WILL I LEARN?
- Using school desktop computers
- Using the range of Microsoft 365 apps across differing contexts including school, home, community and business.
- Online learning systems
- Expert modelling of best practice and creativity
- Self-determined choice of applications
- Self-paced progress

WHAT WILL I LEARN?
Skills, knowledge and understanding of fundamental skills in user applications including:
- Microsoft Office suite of applications (Word, Excel, Publisher, Access)
- Document creating and formatting according to best practice and accepted business protocols.

WHAT DOES IT LEAD TO?
- Microsoft Office Specialist Certificates at advanced and expert levels
- Employment
- Tertiary study

WHAT DO I NEED?
- Demonstration of good digital citizenship in Year 9.
- The desire to become a fundamental user of Microsoft Office for use in study or the workforce.
- NO SPECIFIC PRE-REQUISITES

INTRODUCTION:
The course will develop learning for assessment of the Microsoft Office suite of applications through online tests, achievement and unit standards.

RECORD OF LEARNING:
Microsoft Office Specialist Certificates are available for each application. These will be printed and awarded to students. Students will also maintain an online version of the qualifications gained through Microsoft. Students maintain their own file management through OneDrive and/or the school network.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have developed strong digital knowledge and skills resulting in acquisition of internationally recognised Microsoft certifications and/or unit standard credits for NCEA. These will be invaluable in the workforce, study or career and curriculum vitae.

SCHEDULE:
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Note: accurate credit count is dependent upon learning plan agreed to between student and teacher.

NOTE: NCEA CREDITS FOR THE MICROSOFT OFFICE SPECIALIST CERTIFICATES MAY BE AVAILABLE UPON APPLICATION TO NZQA. SEE THE NZQA WEBSITE FOR FULL INFORMATION.
CAREER PATHWAY
The skills developed in Design and Visual Communication is important to all careers in spatial design (architecture, landscape design and interior design), product design (technology, engineering and manufacturing products) or for anyone who make be thinking about a career in any of the technological areas.

DESIGN AND VISUAL COMMUNICATION – YEAR 13 - LEVEL 3
We recommend that students who enjoy and are interested in design, drawing and developing their ideas study Design and Visual Communication. You will work on your design projects in class during the year which will cover all Achievement Standards offered.

HOW WILL I LEARN?
- Students plan their projects in areas they are interested in and to cover the Achievement Standards you wish to cover.
- Student work independently on their projects, using the DVC skills and knowledge already developed.
- Students develop their expertise in areas they need to complete their projects.

WHAT WILL I LEARN?
- All stages of the design process – brainstorm, research, concepts, design development, evaluation
- Drawing skills – freehand, paraline (pictorial), orthographic projection, rendering and presentation, CAD
- Develop your own skills and abilities in DVC areas that you are interested in.

WHAT DOES IT LEAD TO?
- Higher levels of study in DVC, any design or technology related career

INTRODUCTION:
You plan your own programme for the year, in consultation with your teacher, to cover the number of achievement standards you think you can manage. You can choose topics that you are particularly interested in or want to develop in the future. Together, we will develop your skills to enable you to achieve your best results in DVC.

PROJECTS:
Projects are designed to cover both internal and external achievement standards. A spatial design project and a product design project are completed during the year, both in class and at home. You can include some other standards that suit your interests and abilities as you proceed through the year.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained a minimum of 16 x L3 University approved credits and be able to continue on in the area of University of Institutes of Technology. Your projects can be used in displays or for showcasing your talents in interviews.

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12 internal credits gained

WHAT DO I NEED?
Completed 15 x L2 credits

HOW WILL IT BE ASSESSED?
Internal - 12 L3 credits
External - 4-10 L3 credits
Extra credits may be available (for high achieving students)

SUBJECT COSTS:
No course costs. Stationery is $40 and you will need a drawing board and tee square at home.
CAREER PATHWAY

Be part of creating a digital future... New Zealand is a world leader in using and creating information and digital technologies to realise our economic, environmental, social and cultural goals. The skills developed in Digital Technologies focusses on the growth of integrated technologies that can be accessed virtually anywhere, anytime. Digital technologies skills are required in a variety of career paths, as well as skills that are specific to the IT industry: app developer, game developer, web developer, animator, social media managers, cyber security, computer programmer, database manager, software tester/developer/engineer, data scientists, virtual reality developer, artificial intelligence expert/developer, Internet of Things (IoT) specialist, graphic designer, UX designer... the list is still being created!

DIGITAL TECHNOLOGIES – YEAR 13 - LEVEL 3

This is an NCEA Achievement Standard course designed for students who have achieved success in NCEA Level 2 and are interested in digital technologies, possibly with a view to pursuing a career one of the many fields which use or create digital technologies.

HOW WILL I LEARN?
- Using desktop and BYOD
- Using a range of digital apps across differing contexts including school, home and the wider community
- Online learning apps
- Expert modelling of best practice and creativity
- Electronic workbooks

WHAT WILL I LEARN?
Knowledge and understanding of the skills and concepts relating to digital technologies including:
- Complex relational databases using Microsoft Access
- Graphic design and video editing using Adobe suite
- Object oriented programming using Python
- 3D design and printing

WHAT DOES IT LEAD TO?
- Tertiary study in the full range of computer science, digital and creative graduate courses
- Financially rewarding careers, many of which have not even been created yet...

WHAT DO I NEED?
- DIT Level 2 credits (10-12)
- OR approval from HOD
- Previous demonstration of good digital citizenship
- The courage to be innovative, creative and collaborative with enthusiasm.

WHAT WILL IT BE ASSESSED?
- Practical use of apps, demonstrating knowledge and creativity.
- Records of planning, testing and evaluation.
- A written report for external submission.
- NO EXAMS.

SUBJECT COSTS:
- Adobe Creative Cloud student licence $8 – highly recommended.

INTRODUCTION:
This course will develop learning for and assessment of the application of creative digital technologies through Achievement Standards. It is a UNIVERSITY ENTRANCE APPROVED SUBJECT.

RECORD OF LEARNING:
Students have responsibility for their own file management, providing evidence to meet all assessment criteria. Some printed evidence will be necessary.

WHEN YOU HAVE COMPLETED THE COURSE:
Students will have gained credits towards NCEA Level 3 and fourteen (14) credits in a University Entrance approved subject, for qualification to attend university or institutes of technology.

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20 credits

** External report submission

*** Note: a new DIT curriculum is due for implementation in 2018-2020 and may result in changes to the proposed course – changes will not be significantly different or detrimental to student achievement.
CAREER PATHWAY
The skills developed in Fabric Technology are important for those who wish to follow a career in the fashion industry. It provides a base for students to build their practical skills on, beginning with using a domestic machine.

FABRIC TECHNOLOGY – YEAR 13 - LEVEL 3
We recommend that students who are interested in designing clothes, sewing and fashion, study Fabric Technology.

HOW WILL I LEARN?
• Fabric Technology is all about exploring design ideas and developing them to a solution.
• The design ideas are presented graphically and/or using appropriate modelling, ending with a final design.
• Advanced sewing techniques.

WHAT WILL I LEARN?
• All stages of the design process - brainstorm, research, concepts, design development, final design and evaluation.
• Applied design skills
• Pattern drafting skills
• Pattern adaptation techniques
• Practical skills - measuring, cutting, sewing, fitting.
• Evaluation and testing fitness for purpose.

WHAT DOES IT LEAD TO?
• Higher levels of study in Fabric Technology or technology related career.

WHAT DO I NEED?
12 credits in a level 2 Technology subject or 12 credits in L2 English or L2 Art. Sewing skills an advantage.

HOW WILL IT BE ASSESSED?
Your folio is a record of all the paper work you complete in the course. It will show all of the design ideas you have completed, evaluations, and testing the final product for fitness for purpose.

PRACTICAL PROJECTS
It is the responsibility of the student to purchase any patterns and fabric required for the course.

SUBJECT COSTS:
Subject COSTS are $30. This is to help cover Pattern drafting resources, calico and small equipment supplies.

INTRODUCTION:
You will be introduced to the main topics that we will cover in Fabric. The design process is an integral part of each unit. The development of ideas for a client (can be yourself) are brought to realisation with the making of the design idea.

RECORD OF LEARNING:
Internal - 14 x L3 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You should have achieved a minimum of 12 credits.

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14 credits gained
CAREER PATHWAY
The skills developed in Food and Nutrition are important to all careers in nutrition, food science and technology, Nannying, catering and hospitality, or for anyone who may be thinking about a career in any of the technological areas.

FOOD AND NUTRITION – YEAR 13 - LEVEL 3
We recommend that students interested in developing their creative ability and scientific enquiry when working with food, with a focus on the nutritional and developmental requirement of people with altered food needs, study Food and Nutrition.

HOW WILL I LEARN?
• Food and Nutrition is all about investigating nutritional issues affecting the well-being of NZ society.
• Level 3 Food and Nutrition focusses on the implementation of an action plan to address a nutritional issue.
• Implementing complex procedures to process a specific product.
• Analysing the influence of food advertising on the well-being of society.

WHAT WILL I LEARN?
• Nutritional needs of people with altered food needs
• The impact of a national food issue on New Zealand families.
• How food related issues affect individual and their families.
• The use of health promotional materials.

WHAT DOES IT LEAD TO?
• Higher levels of study in Food and Nutrition, University entrance, career opportunities in the food industry

WHAT DO I NEED?
16 credits in Level 2 Food and Nutrition or 16 credits in Level 2 English

HOW WILL IT BE ASSESSED?
Assessment work and practical for internals. Offering 1 external assessment.

SUBJECT COSTS:
Subject COSTS are $60. This help cover the cost of ingredients used during the weekly practical lessons. Students are expected to also bring some additional ingredients at times.

INTRODUCTION:
You will be introduced to the main topics that are studied in nutrition. Starting with basic nutrition, we then develop an understanding of influences on food choices. As you become more familiar with these, we can then apply these to real life situations where you can develop your meal planning skills and justify food choices based on the Food and Nutrition Guidelines. Evaluating choices against individual needs.
Students cook once a week. Dishes include but are not limited to main meals, snacks, vegetable cookery, sweet dishes.

RECORD OF LEARNING:
Internal - 15 x L3 credits
External - 4 x L3 credits

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained at least 16 credits with an achieved grade (or better) to continues to Level 3 Food and Nutrition

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15 INTERNAL and 4 EXT credits gained
CAREER PATHWAY

Year 13 Furniture Making is the last stage of a three year course. It has been designed to use your prior knowledge and increase your skill base through the production of practical pieces under the guidance of FITEC and an item of furniture of your own design. (Year 11 and 12 Furniture Making is desirable but not a pre-requisite for this course)

FURNITURE MAKING – YEAR 13 - LEVEL 3

We recommend students interested in a possible career in the furniture making industry or those looking for skills and knowledge that will be useful in later life take this course.

HOW WILL I LEARN?
- Honing your Furniture Making skills.
- Gaining the confidence to design and craft your own piece of furniture.
- Experience wood turning.

WHAT WILL I LEARN?
- Safe workshop practice.
- The correct use of hand tools and some power tools.
- A range of joining and finishing methods.
- Correct construction techniques.
- Carcase construction.

WHAT DOES IT LEAD TO?
- This course will provide the student with a solid base should he/she wish to continue a career in the industry and also give him/her skills and knowledge that will be useful in later life.

WHAT DO I NEED?
The successful completion of Year 12 Furniture Making, and/or the HOD approval.

HOW WILL IT BE ASSESSED?
Oral, written and observational assessment of each FITEC US by trained workplace assessors.

SUBJECT COSTS:
Most of the materials required, are provided at a cost of $70 per Year 13 student. Should the student require any special materials, eg glass, native timber or the likes. These will be supplied by the student at their expense.

INTRODUCTION:
While constructing practical projects you will be taught safe workshop practice and the correct use of hand tools. The student will also be instructed in the correct use of a range of both power and machine tools. You will also become familiar with a number of joining and finishing methods and accepted construction techniques.

RECORD OF LEARNING:
Your folio will contain the prescribed written components of the course. It will show all of the topics you have completed and provide future reference and reminder of all the skills you have developed.

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained a possible 15 Level 2 credits and be able to continue in this area, wither in an apprenticeship or at a technical institute.

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14 credits gained
Possible Future Pathways

Future Pathways Programme

Timetabled work experience placement opportunities to:

✓ Proactively investigate a career pathway, choice or idea;
✓ Further develop self-confidence and communication skills;
✓ Develop and apply work-related skills and knowledge in a selected industry;
✓ Develop and apply responsible attitudes and awareness towards present employment and future opportunities.

Students are provided with timetabled, integrated work experience, industry unit standards and self-managed project courses at NCEA Levels 1, 2 and 3, in readiness for the challenges of adult learning environments post-secondary school.
**Future Pathways Programme (Formally Known as Transition Studies and Gateway)**

**Key**
- Careers Development
- Unit Standards
- Achievement Standards
- Comment / Qualification

**1GFPS**
- Formal Application Process (Future Pathways ONLY)

**1GYAS**
- Open entry
- ASDAN Youth Award Scheme SILVER
- Direct admittance by invitation

**2GFPS**

**2GYAS**
- Open entry
- ASDAN Youth Award Scheme GOLD

**3GFPS**
- ASDAN Youth Award Scheme PLATINUM

- Formal Application Process (Future Pathways ONLY)

**Comments / Qualifications**
- Year 9 – 13: Career Development Counselling / Career Development Education
- Year 12 – 13: GATEWAY Work Experience (outside normal timetabled classes)
- Year 12 – 13: Trade Academies (outside normal timetabled classes)
CAREER PATHWAY
The skills developed in Youth Award Scheme are designed to prepare you for the expectations of adult learning and working environments after high school. You may also develop links with industry or a career pathway if you have taken part in a Future Pathways Programme course.

YOUTH AWARD SCHEME – YEAR 11 - LEVEL 1
Youth Award Scheme is the next step after Year 10's Te Ara Poutama 'The Challenge', and continues into the senior school starting with the Silver Award at NCEA Level 1. If you want to develop and manage your own course of study that suits your interests and motivation, then we recommend you study Youth Award Scheme.

HOW WILL I LEARN?
- Challenges may be completed in a variety of familiar situations – in school, in the community, in the workplace, as well as at home
- Challenges can be:
  - Practical
  - Study-based
  - Working with others in groups
  - Working with others one-on-one
  - Problem-solving

WHAT WILL I LEARN?
- All stages of the project management process, including project production skills
- Taking responsibility for challenges and their completion
- Personal, work and social skills, including various life skills (where additional credits are available)
- Key Competencies and the Essential skills - improving own learning and performance, work and study skills, problem solving

WHAT DOES IT LEAD TO?
- Youth Award Scheme Level 2; Future Pathways Level 2; industry training, tertiary education and employment

WHAT DO I NEED?
Self–nominate, or staff recommendation; able Level 1 candidates may be admitted by HOD’s invitation into Level 2 Youth Award Scheme. See course prerequisites.

WHAT DO I NEED?
- Completed and verified ASDAN Silver Award (20 credit equivalents).
- Extra internal credits may be available.

SUBJECT COSTS:
- $63.00 - ASDAN Youth Award Scheme Bronze/Silver workbook and certificate, $35.00; Course cost, $28.00

INTRODUCTION:
Youth Award Scheme (or YAS) programmes progress through Bronze, Silver, Gold and Platinum levels. You can design and manage your own project of learning made up of challenges of your choice, for 20 credits at NCEA Level 1. You can use unit standards and/or achievement standards from your other courses to help you meet challenge requirements. Youth Award Scheme is the only subject that directly assesses your work against the Key Competencies of the NZ Curriculum.

RECORD OF LEARNING:
NCEA Level 1 / ASDAN Silver Award
External assessment (20 credit equivalents) Credit inclusion, as applicable

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained an Award and/or 20 credit equivalents and be able to continue on in the Level 2 Youth Award Scheme course and/or Level 2 Future Pathways course.
CAREER PATHWAY
The skills developed in Youth Award Scheme are designed to prepare you for the expectations of adult learning and working environments after high school. You may also develop links with industry or a career pathway if you have taken part in a Future Pathways programme course.

YOUTH AWARD SCHEME – YEAR 12 - LEVEL 2
If you want to develop and manage your own course of study that suits your interests and motivation, then we recommend you study Youth Award Scheme.

HOW WILL I LEARN?
• Challenges may be completed in a variety of familiar and unfamiliar situations in school, in the community, in the workplace, as well as at home. Challenges can be:
  o Practical
  o Study-based
  o Working with others in groups
  o Working with others one-one
  o Problem solving

WHAT WILL I LEARN?
• All stages of the project management process, including project production skills
• Taking responsibility for challenges and their completion
• Personal, work and social skills, including various life skills, (where additional internal credits are available)
• Key Competencies and the Essential skills - improving own learning and performance, work and study skills, problem solving

WHAT DOES IT LEAD TO?
• Future Pathways Level 2, or Future Pathways Level 3; industry training, tertiary education and employment

WHAT DO I NEED?
Self-nominate, or staff recommendation together with HOD approval; able Level 2 candidates may be admitted by HOD’s invitation into Level 3 Future Pathways. See course prerequisites.

HOW WILL IT BE ASSESSED?
Completed and verified ASDAN Gold Award (20 credit equivalents). You may also take four points forward into your Gold Award if you have previously completed the Silver Award. Extra internal credits are available.

SUBJECT COSTS:
$63.00 - ASDAN Youth Award Scheme Gold workbook and certificate, $35.00; Course cost, $28.00

INTRODUCTION:
Youth Award Scheme (or YAS) programmes progress through Bronze, Silver, Gold and Platinum levels. You can design and manage your own project of learning made up of challenges of your choice, for 20 credits at NCEA Level 2. You can use unit standards and/or achievement standards from your other courses to help you meet challenge requirements. Youth Award Scheme is the only subject that directly assesses your work against the Key Competencies of the NZ Curriculum.

RECORD OF LEARNING:
NCEA Level 2 / ASDAN Gold Award
One external assessment (20 credit equivalents)
Credit inclusion, as applicable

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained the ASDAN Youth Award Scheme Gold Award, 20 credit equivalents, and be able to continue on in the Level 3 Future Pathways course.
CAREER PATHWAY
The skills developed as a work experience student in Future Pathways are designed to prepare you for the expectations of employers and the realities of work, after high school. You may also develop direct links with industry and/or a career pathway where you have implemented your work experience.

FUTURE PATHWAYS – YEAR 11 - LEVEL 1 (FORMALLY TRANSITION STUDIES & GATEWAY)
If you are interested in trying out your career ideas, or want an edge in an increasingly competitive job market, then we recommend you actively participate in work experience by studying Future Pathways.

HOW WILL I LEARN?
- Practical work experience in a real employer’s workplace
- On-job assessment
- Marketing, job searching and negotiating
- Applied business writing and communication
- Workplace first aid certificate course
- Research
- Applied employment law studies

WHAT WILL I LEARN?
- How to work!
- Develop vital personal and life skills and attitudes in ‘real’ situations needed by employers
- Effective job search skills - ‘how to get a job in five minutes!’
- Negotiating workplace agreements with ‘real’ employers
- Formal business communication and writing skills, including a CV
- Starting work in a new workplace
- Managing normal school studies with work experience commitments
- Workplace first aid and health and safety skills
- Workplace expectations of employees
- Basic legal rights and responsibilities of employees and employers

WHAT DOES IT LEAD TO?
- Future Pathways Level 2; Youth Award Scheme Level 2; credits towards unit standards common to most industry and trade-based national certificates at Levels 2, 3 and 4; apprenticeships, industry training, tertiary education and employment

WHAT DO I NEED?
See course prerequisites for eligibility and selection activities.

HOW WILL IT BE ASSESSED?
On-job assessments (09 credits);
Off-job assessments (12 credits);
Optional off-job assessment (02-05 credits).

SUBJECT COSTS:
$28.00. Personal stationery is no more than $5.00. Extra stationery may be provided by the course.

INTRODUCTION:
Future Pathways is a practical, industry-based work experience programme designed to introduce you to the world of work. It is geared towards developing you as a responsible member of the working community. You will be contracted to the course and to an employer. In addition to classroom-based learning, you will complete a maximum of 10 weeks of work experience together with on-job assessed projects.

RECORD OF LEARNING:
NCEA Level 1
Seven internal assessments (02-04 credits each)
Nil external assessment

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained 21 internal credits and be able to continue on in the Level 2 Future Pathways course.
CAREER PATHWAY
The skills developed as a work experience student in Future Pathways are designed to prepare you for the expectations of employers and the realities of work, after high school. You may also develop direct links with industry and/or a career pathway where you have implemented your work experience.

FUTURE PATHWAYS – YEAR 12 - LEVEL 2 (FORMALLY TRANSITION STUDIES & GATEWAY)
If you are interested in trying out your career ideas, or want an edge in an increasingly competitive job market, then we recommend you actively participate in work experience by studying Future Pathways.

HOW WILL I LEARN?
• Practical work experience in a real employer’s workplace for up to 20 weeks
• On-job assessment
• Marketing, job searching and negotiating
• Applied business writing and communication
• Workplace first aid certificate course
• Research
• Applied advanced employment law studies

WHAT WILL I LEARN?
• How to work!
• Develop vital personal and life skills and attitudes in ‘real’ situations needed by employers
• Effective job search skills - ‘how to get a job in five minutes’!
• Negotiating workplace agreements with ‘real’ employers
• Formal business communication and writing skills, and optionally a career-orientated CV
• Managing normal school studies with work experience commitments
• Industry-specific skills and knowledge, including workplace personal presentation, and advanced workplace health and safety skills
• Career options exploration, advanced employment law and applied first aid skills

WHAT DOES IT LEAD TO?
• Future Pathways Level 3; credits towards unit standards common to most industry and trade-based national certificates at Levels 2, 3 and 4; apprenticeships, industry training, tertiary education and employment

INTRODUCTION:
Future Pathways is a practical, industry-based work experience programme designed to extend you by immersing you in the real world of work, building upon Level 1 and preparing you for Level 3. It is geared towards developing you as a responsible member of the working community. You will be contracted to the course and to an employer. In addition to classroom-based learning, you will complete a maximum of 20 weeks of work experience together with on-job assessed projects and industry-specific standards.

RECORD OF LEARNING:
NCEA Level 2
Seven internal assessments (02-04 credits each)
Nil external assessment

WHEN YOU HAVE COMPLETED THE COURSE:
You should have gained between 21 to 25 internal credits and be able to continue on in the Level 3 Future Pathways course.

WHAT DO I NEED?
See course prerequisites for eligibility and selection activities

HOW WILL IT BE ASSESSED?
On-job assessments (15 credits);
Off-job assessments (up to 10 credits)
Optional off-job assessment (up to 6 credits)

SUBJECT COSTS:
$28.00. Personal stationery is no more than $5.00. Extra stationery may be provided by the course.

WELDING/LIGHT SHEET METAL FABRICATION WORK EXPERIENCE
EARLY CHILDHOOD EDUCATION WORK EXPERIENCE
CAREER PATHWAY
The skills developed as a work experience student in Future Pathways are designed to prepare you for the expectations and realities of adult learning and working environments, after high school. You may also develop direct links with industry and/or a career pathway where you have implemented your work experience.

FUTURE PATHWAYS – YEAR 13 - LEVEL 3 (FORMALLY TRANSITION STUDIES & GATEWAY)
If you are interested in trying out your career ideas, and want the opportunity to develop and manage your own course of study that suits your interests and motivation, then we recommend you actively participate in work experience by studying Future Pathways.

HOW WILL I LEARN?
- Practical work experience in a real employer’s workplace for up to 20 weeks
- Industry-specific learning and development
- Public speaking
- Workplace first aid certificate course

WHAT WILL I LEARN?
- How to work!
- Develop vital personal and life skills and attitudes in 'real' situations needed by employers
- Effective job search skills - 'how to get a job in five minutes!'
- Negotiating workplace agreements with 'real' employers
- Managing normal school studies with work experience commitments
- Industry-specific skills and knowledge
- All stages of the project management process, including project production skills
- Taking total responsibility for challenges and their completion
- Public speaking skills and applied workplace first aid skills
- Key Competencies and the Essential skills

WHAT DOES IT LEAD TO?
- Apprenticeships, industry training, tertiary education and employment

WHAT DO I NEED?
See course prerequisites for eligibility and selection activities.

HOW WILL IT BE ASSESSED?
On-job and off-job assessment (23 credits); verified ASDAN Platinum Award. Three points may be taken forward into your Platinum Award if you have completed the Gold Award. Extra internal credits available.

SUBJECT COSTS:
$63.00 - ASDAN Youth Award Scheme Platinum workbook and certificate, $35.00; Course cost, $28.00.

INTRODUCTION:
Future Pathways is a practical, industry-based work experience programme designed to extend you by immersing you in the real world of work, building upon the Level 1 and 2 courses. In addition, you can design and manage your own project of learning and personal development towards the ASDAN Platinum Award. The Platinum Award directly assesses your work against the Key Competencies of the NZ Curriculum.

RECORD OF LEARNING:
NCEA Level 3 / ASDAN Platinum Award
Three internal assessments (05-09 credits each)
Industry standards assessments (14 credits)
Credit inclusion, as applicable

WHEN YOU HAVE COMPLETED THE COURSE:
In addition to 23 industry credits, you should have gained the ASDAN Youth Award Scheme Platinum Award, and be able to continue on in employment and study options outside high school.