

# YEAR 12

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## GAINING NCEA Level 1, 2 and 3

<p style="text-align: center;"><b>Level 1</b></p> <p style="text-align: center;"><i>80 credits at Level 1 or above:</i></p> <p style="text-align: center;"><b>Including:</b></p> <p style="text-align: center;">10 Literacy credits 10 Numeracy credits</p> <p style="text-align: center;"><b>University Entrance Numeracy Requirement:</b></p> <p style="text-align: center;"><i>10 credits at Level 1 or higher</i></p>	<p style="text-align: center;"><b>Level 2</b></p> <p style="text-align: center;"><i>80 credits at Level 2 or above</i></p> <p style="text-align: center;"><i>or</i></p> <p style="text-align: center;"><i>60 credits at Level 2 plus 20 credits at any level.</i></p> <p style="text-align: center;"><b>University Entrance Literacy Requirement:</b></p> <p style="text-align: center;"><i>10 credits at Level 2 (5 in reading and 5 in writing)</i></p>	<p style="text-align: center;"><b>Level 3 and Scholarship</b></p> <p style="text-align: center;"><i>80 credits at Level 3</i></p> <p style="text-align: center;"><i>or</i></p> <p style="text-align: center;"><i>60 credits at Level 3 or above, plus 20 credits at Level 2 or above</i></p> <p style="text-align: center;"><b>University Entrance Requirement:</b></p> <p style="text-align: center;"><i>14 credits in each of 3 subjects from the list of University Approved subjects and 18 further credits from all subjects.</i></p>
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### University Entrance (UE) minimum requirements are:

Pass NCEA Level 3 = 60 credits at Level 3 and 20 credits at Level 2 = 80 credits

This is made up by:

- 14 credits in each of three subjects from the list of University Approved subjects (see above) = 42 credits
- 18 further credits from all subjects (these can be Achievement or Unit Standards)
- UE Numeracy = 10 credits at Level 1 or higher from specified Achievement Standards or the 3 specific Numeracy Unit Standards
- UE Literacy = 10 credits (5 in Reading and 5 in Writing from specified Achievement Standards at Level 2 or higher)

**NB: Many universities have higher entry requirements than above so please see their websites or talk to the Careers advisor.**

## UNIVERSITY ENTRANCE 2019

University Approved Subjects offered at Motueka High School in 2019			Non University Approved Subjects 2019
<i>Check with your teacher how the course meets the university approved subject requirements</i>			
<b>Agriculture/Horticulture</b> <b>Accounting</b> <b>Biology</b> <b>Calculus</b> <b>Chemistry</b> <b>Digital Technology</b> <b>Dance</b> <b>Drama</b> <b>English</b>	<b>Food Technology</b> <b>Fabric Technology</b> <b>French</b> <b>Geography</b> <b>Graphics</b> <b>Health</b> <b>History</b> <b>Horticulture</b> <b>Mathematics Internal</b> <b>Media Studies</b>	<b>Music</b> <b>Physics</b> <b>Physical Education</b> <b>Statistics</b> <b>Te Reo Maori</b> <b>Visual Art: Design</b> <b>Visual Art: Painting</b> <b>Visual Art: Photography</b> <b>Visual Art: Printmaking</b>	<b>Gateway</b> <b>SPEC</b> <b>Automotive</b> <b>Engineering</b> <b>Tourism</b> <b>Building and</b> <b>Furniture</b> <b>Engineering</b> <b>Sports Performance</b> <b>Outdoor Education</b>

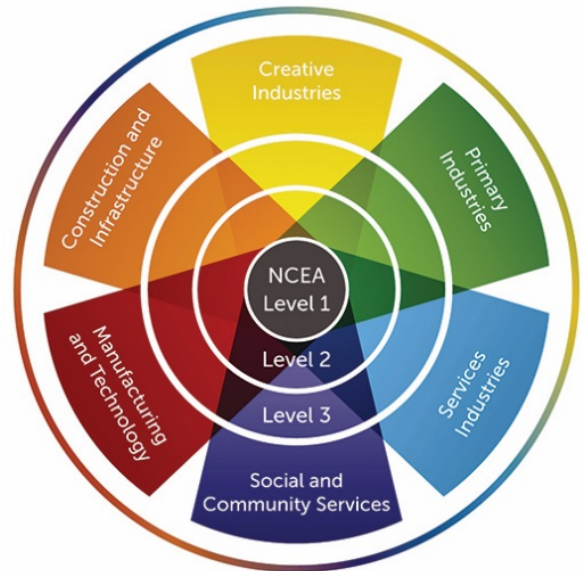
# VOCATIONAL PATHWAYS

Vocational pathways is a tool that helps you to see how your strengths, interests and achievements relate to future study options and job opportunities.

The pathways provide clear study options that are valued by employers and show you what employers expect to see you achieve in your learning.

The pathways cover six broad industry sectors:

- [Manufacturing and technology](#)
- [Construction and infrastructure](#)
- [Creative industries](#)
- [Primary industries](#)
- [Social and community services](#)
- [Services industries.](#)



## Why have they been introduced?

Vocational pathways provide more options for students to complete NCEA Level 2. By having more choices, ways and places to achieve NCEA Level 2 you will have more pathways into further learning and work.

When you complete a vocational pathway you will receive a Vocational Pathways Award on top of receiving NCEA Level 2. This award is a way of showing employers that you have the knowledge and skills they are looking for.

## What happens if I'm interested in more than one pathway?

All of the pathways identify skills that are valued by employers across all sectors. Maths and English skills are especially important across all pathways, so as long as you are achieving the required literacy and numeracy credits you are still able to change direction in your learning.

## What NCEA credits do I need to get to achieve a Vocational Pathway Award?

In order to earn a Vocational Pathway Award you need to:

- NCEA Level 2, including meeting NCEA Level 1 literacy and numeracy requirements
- 60 recommended assessment standards (including 20 sector-related standards from the same sector pathway).

# NCEA DEFINITIONS

**NCEA Level 1** - When you have achieved 80 credits from level 1 or higher, you have gained NCEA level 1. Ten of these credits must be from Numeracy standards and ten credits must be from literacy standards.

**NCEA Level 2** - This requires a minimum of 60 credits at level 2 or above and 20 credits at any other level. To achieve Level 2 there are no specific literacy or numeracy requirements.

**Credits** - Each standard is worth a certain number of credits. When you achieve a standard, these credits count towards your NCEA and may also contribute towards other national certificates, such as the National Certificate in Mathematics.

**Achievement Standard/Unit Standard** - For Achievement Standards you reach 'Achieved', 'Achieved with Merit' or 'Achieved with Excellence'. For most Unit Standards, you either get 'Achieved' (pass) or 'Not Achieved' (fail).

**Internal Assessment** - There are internal assessments for standards that can't be tested in exams, for example, speeches, research projects and performances. These are run by schools and are assessed by the teachers.

**External Assessment** - A number of standards are assessed 'externally' - in other words, not by your teachers. A few of these (Technology, Visual Arts and Graphics) require you to submit a folio or collection of work. Most, however, have an exam to be sat at the end of the school year. These exams are written and marked by teachers contracted to NZQA for that purpose. All candidates for a standard will sit the same exam at the same time wherever they are. All their scripts will be marked to the same standard.

**Prerequisite** - To gain entry into a course you must first achieve a certain standard.

**Endorsements** - If you gain the required number of credits with 'Merit' or 'Excellence', your certificate will be endorsed:

- 50 credits at Merit or Excellence - Certificate with Merit
- 50 credits at Excellence - Certificate with Excellence

**Subject Endorsements** - You will gain an endorsement for a subject where you achieve 14 or more credits at Merit or Excellence in one year. At least 3 credits from externally assessed standards and 3 credits from internally assessed standards.

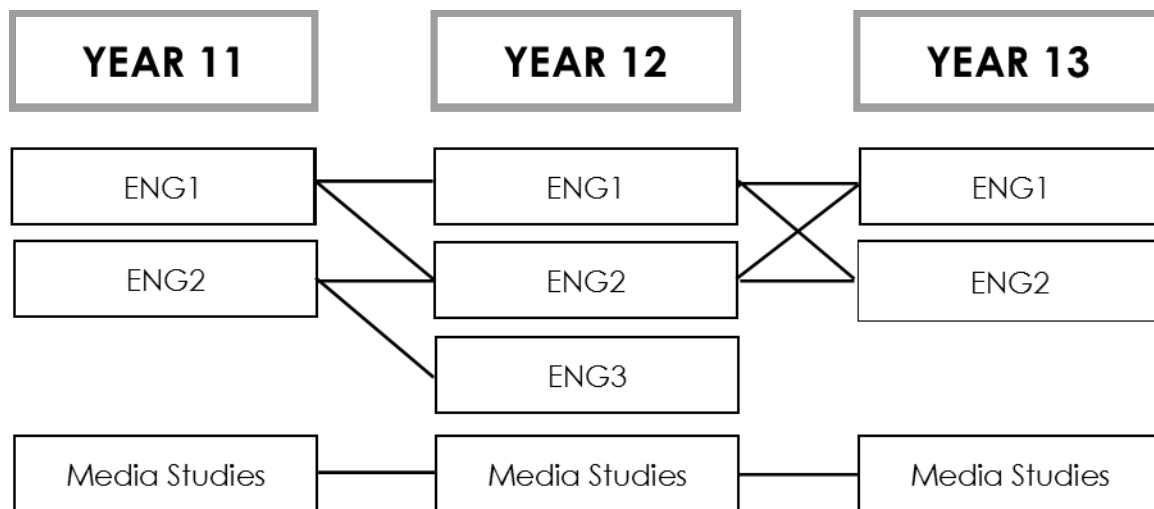
**Entry to Universities** - The entry requirements for various universities is changing constantly. Please check the various university web sites for the most current requirements.

**University Entrance** – To be awarded UE you will need:

- NCEA Level 3
  - Three subjects - at **Level 3 or above**, made up of:
    - 14 credits each, in three approved subjects
  - Literacy requirements – **10 credits at Level 2 or above**, made up of:
    - 5 credits in reading } *Specified Achievement Standards available through*
    - 5 credits in writing } *a range of subjects*
  - Numeracy requirements – **10 credits at Level 1 or above**, made up of:
    - Achievement Standards – specified achievement standards available through a range of subjects, or
    - Unit Standards – package of three numeracy Unit Standards (26623, 26626, 26627 – all three required).
- Once you have met the requirements for University Entrance this will appear on your Record of Achievement.

Credits can be accumulated over more than one year.

# English—Level 2



**ENGLISH 201**

**12ENG1**

**Course Description:** Year 12 English is an intermediate course that develops the skills from Years 9-11. It is largely based around in-depth study of literature topics. During the year students will study major works of literature and film. They will also produce a range of writing samples, and complete a research assignment or personal responses to self-selected texts

**Assessment:** Achievement Standards up to 20 credits. This includes 2 externally assessed standards.

**Prerequisites:** 14 credits gained in Achievement Standards (including 1 Writing and 1 Reading Standard) at Level 1 or at HOD discretion.

**This course leads to:** Level 3 English – if you have at least 14 credits including 1 external or at the discretion of the HOD English

**Contribution:** Nil.

**ENGLISH 202**

**12ENG2**

**Course Description:** English 202 is an intermediate course that extends the skills developed in Years 9-11, and is designed to assist students in gaining the required UE Literacy credits at Level 2. As there are no external standards in this course students must commit to completing all internal assessment tasks in order to gain their minimum literacy credits.

Students complete assessments in Creative and Formal Writing, Reading Responses, Viewing, Dramatic and Visual Presentation, and the use of Information Technology in research

**Assessment:** Achievement Standards up to 19 credits. All work is internally assessed. Students have the opportunity to gain the 5 Reading and 5 Writing credits necessary for UE Literacy.

**Prerequisites:** Completion of the English course at Level 1, with at least 12 credits gained (including 1 Writing and 1 Reading Standard), or on teacher recommendation.

**This course leads to:** Level 3 English internal assessments if all standards are achieved.

**Contribution:** Nil

**Course Description:** This course is a flexible one which will cater for individual interests and needs. It is designed for people who enjoy English but don't need UE Literacy credits. There is also potential to complete Level 1 Standards before moving on to Level 2 Standards.

Topics could include Creating a Visual Text, Close Viewing and Reading Responses.

This course does not run every year.

**Assessment:** Up to 17 credits available at Level 2. (Internal Achievement Standards) **NB: This course does not have provision for achieving University Entrance literacy credits.**

**Prerequisites:** Need at least one Level 1 Writing Standard and one Level 1 Reading Standard.

**This course does not lead to Level 3 English.**

**Contribution:** Nil

**Course Description:** This course is designed for students wishing to gain practical experience and theoretical knowledge of media and journalism. It teaches students to consider that media messages are a construction of reality, and develop a critical awareness about the effects of these media messages on themselves and wider society. It also teaches students how to both analyse and craft media products. Students will plan and produce one major media product.

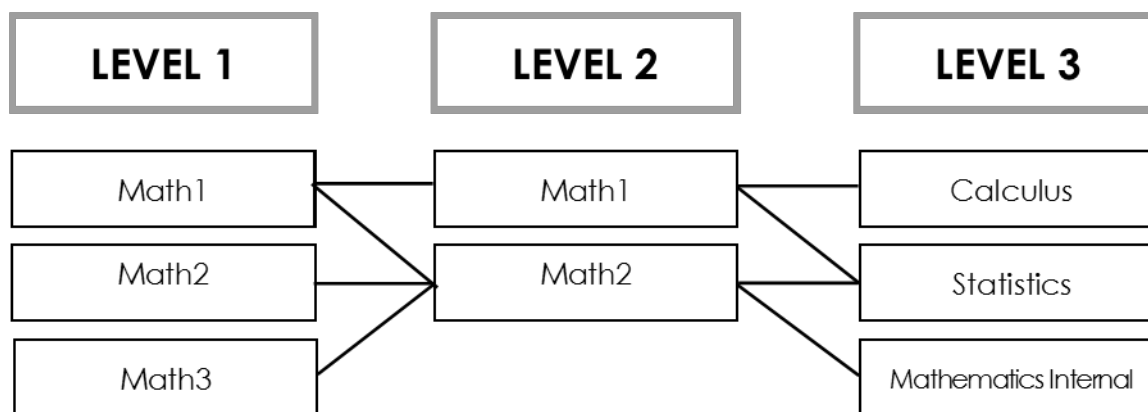
**Assessment:** Achievement Standards up to 20 credits.

**Prerequisites:** Level 1 Media Studies or at the discretion of TIC. Ideally, students who take Media Studies will have experienced and enjoyed other subjects such as English, Drama and Digital Technology or Computer Science, be able to work well in a group and be comfortable expressing their opinions in class discussion.

**This course leads to:** Level 3 Media Studies

**Contribution:** Nil

# Mathematics—Level 2



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**MATHEMATICS 201**

**12MAT1**

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**Course Description:** This course builds on the Mathematics 101 course and includes an emphasis on Algebra and an introduction to Calculus.

Students taking this course need to have very sound Algebra skills, hence the entry requirements listed below. The quality text book which students are able to take home, provides excellent support for self-directed learning.

**Assessment:** Up to 20 credits available at Level 2.

3 Internal Achievement Standards - 7 credits

3 External Achievement Standards - 13 credits

**Prerequisites:** 20 Level 1 Maths Achievement Standard credits, inclusive of AS91027 (Algebra) at Merit or higher.

**This course leads to:** Level 3 Calculus (if 16 credits including a Merit for the Algebra standard are achieved) and/or Level 3 Statistics (if 12 credits achieved)

A Casio Graphics Calculator is essential for this course. (Approximately \$110) It can be purchased through the local stationery outlets and is also needed for the Level 3 Mathematics courses.

**Contribution:** Nil

**Course Description:** This course is best suited to students who want to continue with their study of Mathematics but who need a slower pace than the Mathematics 201 course.

**Assessment:** Up to 17 credits available at Level 2. (6 Internal Achievement Standards)

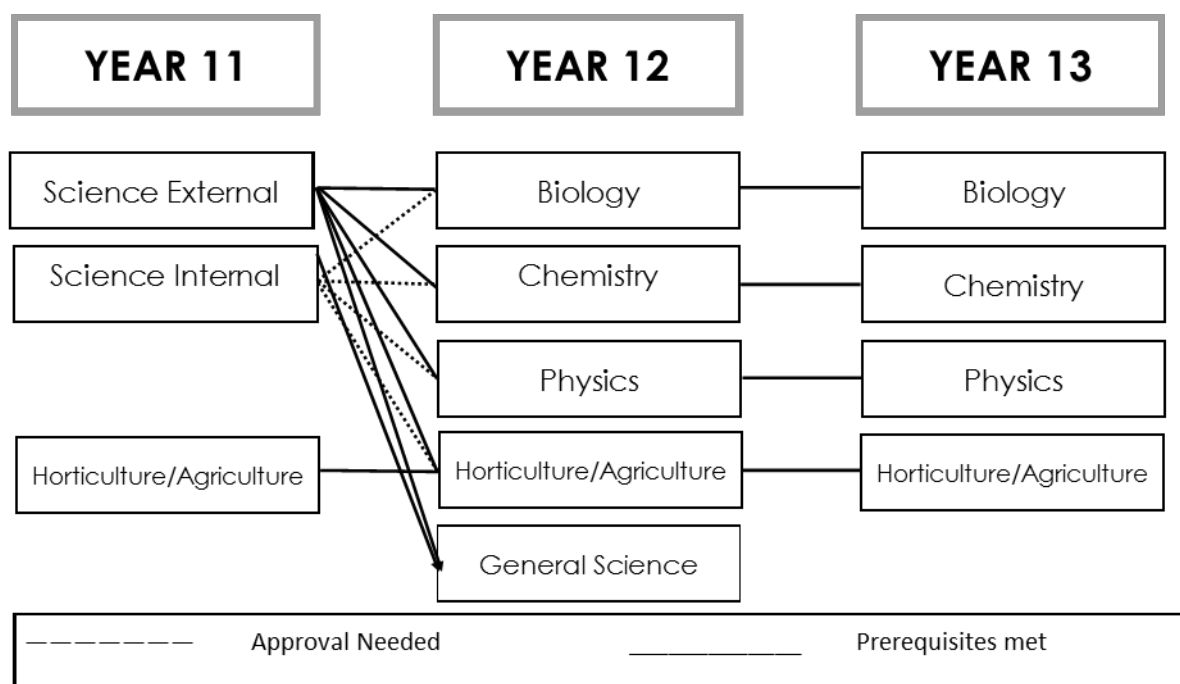
**Prerequisites:** 12 Level 1 Maths Achievement Standard credits.

**This course leads to:** Mathematics Internal If 12 credits are achieved. Students who gain all 17 credits may be considered for the Level 3 Statistics course.

**Contribution:** \$25 approximately for write-on booklets.



# Sciences—Level 2



## BIOLOGY

**12BIO**

### Course Description:

**What do Biologists do?** - They investigate life and all kinds of living things on planet earth. They describe the life processes of living things and explain the connectedness of all living things to each other, the environment and to humanity.

**What careers do Biologists have?** - Biology enables you to work in a huge range of fields, including such things as medicine, education, research, environmental monitoring, horticulture, agriculture, food science, plant breeding, genetics, forensics, ecology.

**Where do Biologists work?** - Labs, caves, tropical islands, rainforests, deserts, zoos, hospitals, morgues, bottom of the ocean, arctic, mountain tops, river bottoms, clinics, offices, botanical gardens, classrooms...

Topics Include:

Ecology, Cell Biology, Genetics, Animal and Plant Biology.

**Assessment:** Up to 20 credits available at Level 2.

**Prerequisites:** At least 8 credits at Level 1 Science (Biology) with 4 or more external credits or by negotiation with Teacher in Charge.

**This course leads to:** Level 3 Biology if 10 credits including one external paper are achieved.

**Contribution:** \$30 for workbook. Approximately \$15 for field trip.

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**CHEMISTRY**

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**12CHE**

**Course Description:** Level 2 Chemistry is the study of the composition and properties of matter, and the changes it undergoes. An understanding of chemistry is developed through investigations in a variety of theoretical and practical contexts. Chemistry links into a huge range of field and career opportunities. These include: teaching, veterinary, medicine, cosmetics, industry, forensics, pharmacy, horticulture, farming. It also prepares students to make more informed decisions about things that affect them in the outside world.

**Assessment:** Up to 20 credits at Level 2  
2 Internal Achievement Standards – 7 credits  
3 External Achievement Standards – 13 credits

**Prerequisites:** Level 1 Internal and External Science (Chemistry) Standards. It is recommended that these be at Merit level

**This course leads to:** Level 3 Chemistry if 10 credits including one external paper are achieved.

**Contribution:** Nil

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**HORTICULTURAL and AGRICULTURAL SCIENCE**

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**12HAS**

**Course Description:** Topics may include some of the following depending on the areas of interest within the class:  
**Advanced Plant Propagation** – How new plants are grown using a variety of techniques from seed sowing to cuttings, grafting and budding. This includes theory and practical work.

**Practical Horticulture Investigations** – This topic requires students to carry out a range of Horticultural Science investigations. This includes theory and experimental work.

**Plant Growth & Development** – This topic investigates how commercial growers can influence plant growth using a variety of management practices. This includes theory, experimental and practical work.

**Landscape Project** – The students are required to assess and redesign areas to ensure they are functional for the use of people that use the landscape.

**Environmental Impact of Primary Production** – This topic investigates the impact on the environment of agriculture and horticulture.

**Practical Gardening** – This is a practical Unit Standard that requires students to prepare, plant and care for a variety of plants in their garden.

**Soil** – Students learn of the importance of soil to plant growth and life on earth. This includes theory and experimental work.

**Livestock Reproductive Techniques** – Investigate a range of techniques used to improve reproduction in livestock.

**Assessment:** Achievement Standards and Unit Standards, up to 20 credits.

**Prerequisites:** MUST have 10 Level 1 Science credits or by negotiation with Ms Garmey. MUST have an interest in growing plants, gardening and a positive attitude.

**This course leads to:** Level 3 Horticulture if 40 credits in any Level 2 subjects are achieved.

**Contribution:** \$20 for Write-on notes.

**Course Description:**

**What do Physicists do?** - They investigate the world around them in order to understand how things work and then they use their knowledge to innovate.

**What Careers do Physicists have?** - Physics leads to a wide range of career options. From education to medicine to public policy to rocket science, physicists use their skills at investigating, understanding and innovating to follow their passions and make a difference in their communities.

**Where do Physicists Work?** - They are investigating solar neutrinos deep underground and creating innovative ways to diagnose and treat cancer in hospitals. They advise government agencies on the scientific principles behind policies and develop new devices to create "green energy" in remote areas of the planet.

**Assessment:** Achievement Standards up to 20 credits.

**Prerequisites:** Level 1 Internal and External Science (Physics) standards

**This course leads to:** Level 3 Physics if the Mechanics or Electricity standards are achieved.

**Contribution:** (\$249 optional for sky dive). \$10 Koha for Star Party

**Course Description:** This is an internally assessed course aimed at those students who have not yet decided on their career path. This gives them a broad scientific background in preparation for careers such as Lawyer, Surveyor, Reporter etc. These are not Science careers as such, but students would benefit from a broad science background.

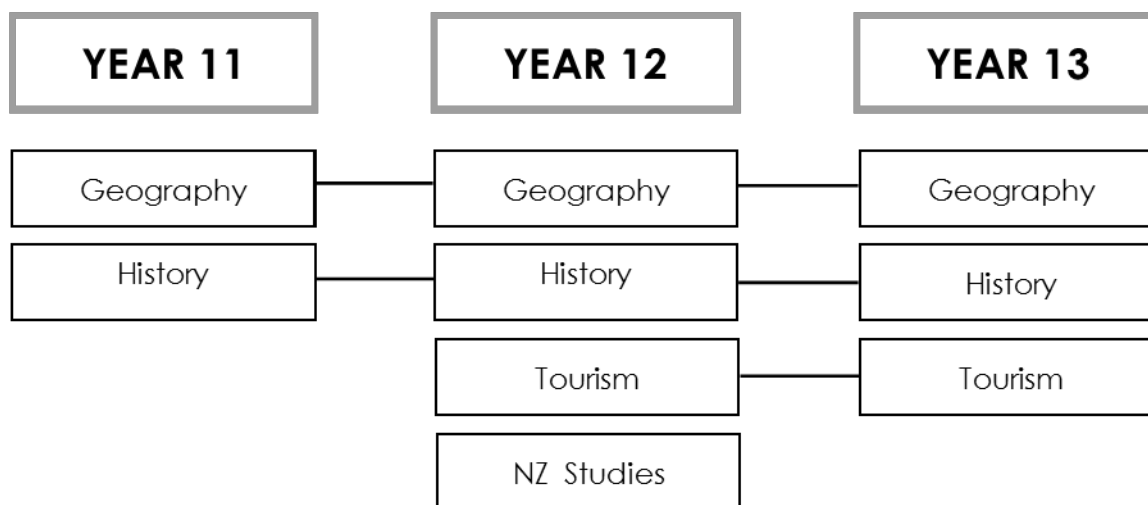
**Assessment:** Up to 20 credits available at Level 2.

**Entry Requirement:** by negotiation with Teacher in Charge.

**This course leads to:** Level 3 Science. If 10 credits are achieved.

**Contributions:** Nil

# Social Sciences—Level 2



## GEOGRAPHY

12GEO

**Course Description:** This course is designed to develop insights into Human and Natural Environments. Students will study different scales from local, New Zealand, and Global settings. For students interested in understanding current and future issues, and making natural environments and settlements more sustainable. The course has a strong practical skills base using visuals, diagrams and maps, and considering contrasting viewpoints using strong team learning approaches.

Topics include:

Theme	Coverage
<b>Current Geographic Issues</b>	Choices about environments and resources eg water, forests, freedom camping Decisions over sustainability eg dairying, mining, National parks
<b>Global Trends and Challenges</b>	Spread and distribution of Trade / Ports Global growth of mega cities
<b>How Large Environments Work</b>	Processes shaping the South Island High Country Contrasts in Abel Tasman National Park
<b>Making Urban Settlements Work</b>	Patterns and change within cities – NZ and overseas Transport, housing and designing subdivisions

**Assessment:** Up to 19 credits from Achievement Standards at Level 2

3 Internal Achievement Standards – 11 credits.

2 External Achievement Standards – 8 credits.

**Prerequisites:** Open to all students with Year 12/13 entry

**This course leads to:** Year 13 Geography

**Contribution:** Nil

**Course Description:** This course includes a range of New Zealand and International topics over different time periods. Students learn a range of historical skill such as interpreting sources, writing essays and researching.

Topics include:

<b>Theme</b>	<b>Coverage</b>
<b>Government &amp; Political Change</b>	<ul style="list-style-type: none"><li>• Germany 1919-1945</li></ul>
<b>Struggle for Independence</b>	<ul style="list-style-type: none"><li>• Gandhi and Indian Independence 1900-1948</li></ul>
<b>Research Skills</b>	<ul style="list-style-type: none"><li>• Students research a NZ or International topic of their choice</li></ul>
<b>Cultural Conflict</b>	<ul style="list-style-type: none"><li>• Invasion of village of Parihaka 1881</li></ul>
<b>Revolution</b>	<ul style="list-style-type: none"><li>• An aspect of the French Revolution 1789</li></ul>
<b>Source Interpretation</b>	<ul style="list-style-type: none"><li>• NZ or International topic. Students analyse and interpret a variety of unseen sources. Eg Falkands War</li></ul>

**Assessment:** Up to 23 credits

3 Internal Achievement Standards (14 credits). eg analysing different perspectives, research skills

2 External Achievement Standards (9 credits).eg essay writing, interpreting sources

**Prerequisites:** Open to all students

**This course leads to:** Level 3 History. Literacy credits acquired in Level 2 History

**Contribution:** Nil

**Course Description:** Integrated Social Science package for Year 12/13 students and Internationals. Special NZ focus for those seniors wanting to mix a sample of Geography, History, Tourism and Sustainability thinking.

Topics include:

<b>Theme</b>	<b>Coverage</b>
<b>Landscape Contrasts</b>	<ul style="list-style-type: none"> <li>● NZ Environments: NZ natural features, climate, and resources.</li> <li>● Making decisions about ways environments are valued: e.g. roads through national parks, predator free NZ</li> </ul>
<b>Heritage and Cultural Experiences</b>	<ul style="list-style-type: none"> <li>● Contrasts in NZ lifestyles, Tasman Bay heritage. Leaders who are movers and shakers making a difference for NZ futures.</li> </ul>
<b>Turning points</b>	<ul style="list-style-type: none"> <li>● Stress points and Lifestyle changes. NZ Standing Tall in the world, Move to the cities, emerging Iwi nations</li> </ul>
<b>Sustainable NZ Futures</b>	<ul style="list-style-type: none"> <li>● Coping with NZ as a popular visitor destination eg night skies, freedom camping, Selling NZ overseas, our point of difference?</li> <li>● Action for positive change – NZ’s clean green image, the good and not so good. Keeping it Local</li> </ul>

Units selected are internally assessed, a mixture of Unit Standards and Achievement Standards, including one each from Tourism, Geography, Sustainability and Social Studies. Students will have some choice of theme within a NZ context.

**Assessment:** Up to 14 credits available at Level 2.

**Prerequisites:** Students who have sufficient credits to cope with Level 2 studies.

**This course leads to:** Full year Level 2 or 3 Social Science courses

**Contribution:** Field trips in support of themes, anticipated \$20

**Course Description:** Students work towards the Level 2 National Certificate in Tourism, the recognised first step course in Tourism Industry training.

Topics Include:

<b>Themes</b>	<b>Coverage</b>
<b>NZ as a Tourism Destination</b>	NZ Tourism features, places and operators. Knowledge of attractions, transport and seasons/climate.
<b>World Tourism Destinations</b>	Major world tourism host and generating countries. Global flows of tourists. Major tourism attractions and locations globally. Seasons, climate and time zones relative to NZ.
<b>Tourism and Travel Skills</b>	Written and verbal communication for Tourism. Consider ways computer applications are used in Tourism. Skills of responding to inquiries, itineraries, letters and e-mails in tourism settings.
<b>Work Roles in Tourism</b>	Job roles and sectors of the industry, personal presentation, customer service, using technology. Matching current skills to tourism career pathways

**Assessment:** Up to 22 credits available at Level 2. (Unit Standards)

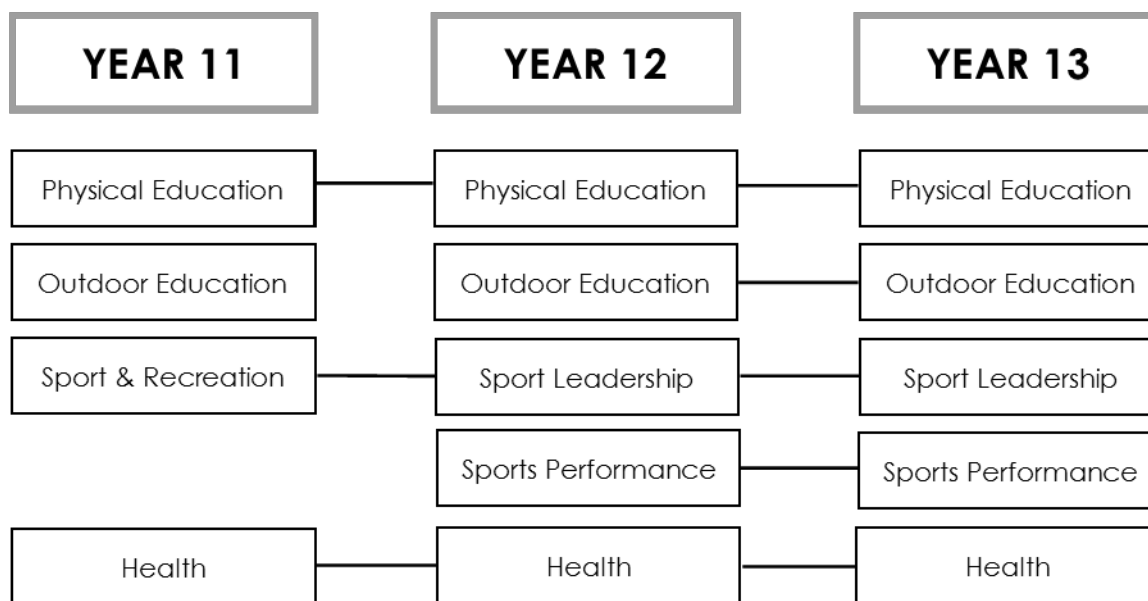
Units are internally assessed to standards set by the Tourism Industry (Service IQ). They involve practical exercises using student workbooks and common assessment tasks.

**Prerequisites:** Open.

**This course leads to:** Level 3 Tourism

**Contribution:** \$60 take home workbooks, Field trip costs advisable at time

# Health & Physical Education—Level 2



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## PHYSICAL EDUCATION

**12PED**

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**Course Description:** This is a theoretical and practical course that looks at Physical Education concepts such as Anatomy, Biomechanics, Skill Learning, Sports Psychology and Risk Management, and applies them to practical situations. There may be a Leadership & Outdoor Experience course topic which will incur an extra cost.

More specifically, students will undertake individualised training programs, analyse discrete skills and explore how biophysical principles can be applied to improve performance. Students will also undertake a leadership project within the school to promote historical New Zealand games.

**Assessment:** 5 Achievement Standards for a total of 18 credits. All work is internally assessed.

**Prerequisites:** Minimum of 14 credits in L1 PE / SPR or HOD discretion.

**This course leads to:** Level 3 Physical Education if at least 12 credits are achieved.

**Contribution:** Nil



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**SPORTS and LEADERSHIP**

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**12SPL**

**Course Description:** This is a predominantly practical course and an extension of the Year 11 Sport and Recreation course. It uses a range of practical activities to help develop movement skills, responsible attitudes and leadership. It is expected that students participate fully in activities and aim to develop vocational skills within the Sport and Recreation industry. Gaining credits will require some written work.

**Assessment:** A minimum of 8 Level 2 internal Achievement Standard credits offered. Skills Active and Sport NZ unit standards will also be delivered.

**Prerequisites:** Open but Year 12 PE students excluded.

**This course leads to:** May be continued in Year 13.

**Contribution:** Nil

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**SPORTS PERFORMANCE**

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**12SPT**

**Course Description:** This course is designed for students performing to a high level in their sport. It is intended to give them an understanding of training and what is required to be a top level sports person. This is not a practical games based module. The practical is based on physical training. There will be 1 hour of theory and 3 hours of training each week.

**Assessment:** Will be based around: Practical performance, Career planning, Injury prevention and management

**Prerequisites:** Students interested should enquire with Mr Tony Aikenhead about this course.

**This course leads to:** Can be continued at Year 13.

**Contribution:** Nil

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**OUTDOOR EDUCATION**

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**12OED**

**Course Description:** Outdoor Education is for students who want to push their boundaries and learn to get the most out of life. No prior experience is needed although a reasonable level of fitness and a positive attitude is required. A wide variety of outdoor pursuits are introduced including; kayaking, water safety, navigation, orienteering, bushcraft, rock climbing, abseiling and caving.

Destinations include; Abel Tasman National Park, Kahurangi National Park, Mt Arthur and Whenua-Iti Outdoor Pursuits Centre. Academic work is an important part of the course and leadership, weather, risk management and environmental issues are studied as well as the theory behind the practical activities we do. All field work is carried out in timetabled Outdoor Education time except for 2 hours per subject per term, so time out of other subjects is minimal.

**Assessment:** Up to 18 credits available at Level 2. A mix of Achievement Standards and Unit Standards

**Prerequisites:** Numbers are restricted. Course suitability must be confirmed. Students also wishing to take Year 12 Sport & Leadership or Year 12 PE need to be aware that some Achievement Standard credits offered are similar and can only be counted once. HOD PE and HOD Outdoor Education approval is required if you are wanting to do this.

**This course leads to:** Year 13 Outdoor Education

**Contribution:** \$300 for practical work, specialized equipment, contract instructors, travel, expeditions, etc. This should be paid in full or arrangements made for instalments before course commence

**Course Description:** Students are empowered to think critically and shape their own attitudes and values about health issues in New Zealand. We reflect on a number of case studies to develop understanding of personal, interpersonal and societal influence on the choices we make. We do this using concepts of Hauora, and health promotion in order to develop health enhancing strategies to maintain our well-being.

**These concepts are explored through the following topics:**

Adolescent health issues: such as alcohol use, body image and sexual health

Building resilience: Mental health and strategies to develop resilience

Gender and Sexual Identity: Investigation of Hip hop culture, gender roles

Health Promotion: Students undertake a school wide project to enhance mental health of students at Motueka High School.

**Assessment:** 20 credits available at Level 2

External Achievement Standard –5 Credits

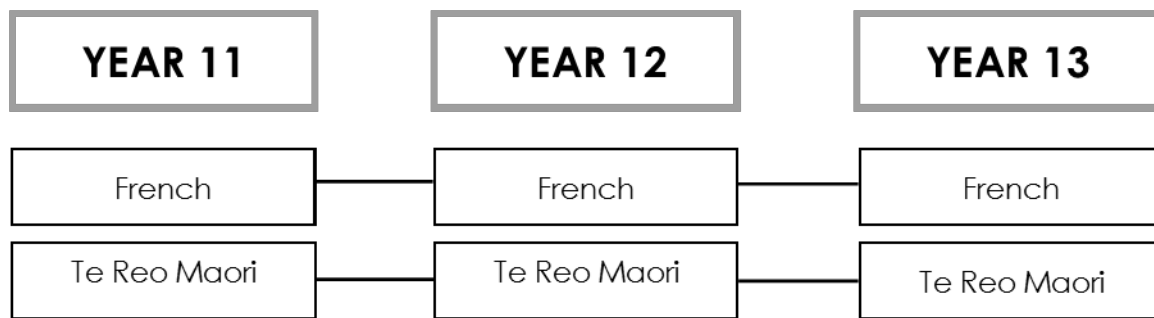
Internal Achievement Standards – 15 Credits

**Prerequisites:** Senior Health Level 1 or by arrangement with HOD.

**This course leads to:** Level 3 Health

**Contribution:** Nil

# Languages—Level 2



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## FRENCH

**12FRE**

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**Course Description:** This is Year 4 of the language course, preparing students for NCEA Level 2. It includes activities and practice in the 4 language skills of speaking, listening, reading and writing.

**Assessment:** 20 credits available at Level 2 (Achievement Standards)  
10 credits available through internal assessments in speaking and writing.  
10 credits available through external exams at the end of the year in reading and listening.

**Prerequisites:** At least 15 credits in Level 1 French

**This course leads to:** Level 3 French if 15 credits achieved.

**Contribution:** Nil

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## TE REO MĀORI

**12MAO**

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**Course Description:** This is Year 4 of the Māori language course. It prepares students for NCEA Te Reo Māori Level 2, which has five components; Kōrero (Speaking), Whakarongo (Listening comprehension), Tuhituhi (Formal writing), Waihanga Tuhituhi (Creative writing) and Pānui (Reading comprehension).

It is recommended that students continue in their roles and responsibilities of Tuakana in accordance with Tikanga-a-Whānau and support Years 9, 10, & 11 students, and assume leading roles in the cultural group and the school Manu Kōrero contest.

**Assessment:** Up to 20 credits available at Level 2. The Tuhituhi and Pānui components are externally assessed by NZQA in the end of year examinations. The Waihanga Tuhinga, Kōrero and Whakarongo components are internally assessed.

**Prerequisites:** Year 11 Te Reo Māori or equivalent.

**This course leads to:** Level 3 Maori

**Contribution:** Nil

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## **LANGUAGES BY CORRESPONDENCE**

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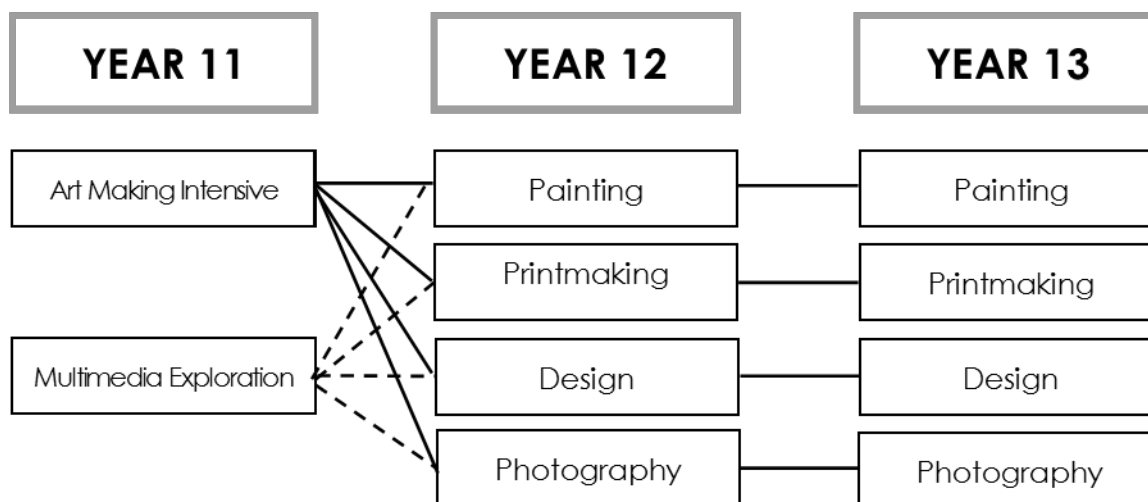
Te Aho o Te Kura Pounamu (The Correspondence School) offers other language courses via distance learning. Once enrolled in a course Year 12 students work through learning activities online.

Assessments include; Speaking, Listening, Reading and Writing. Students can communicate with a teacher via Skype, email and telephone and will be supervised at school.

Students choosing this option will be interviewed as to their suitability. They must have a connection to the country of language they wish to study and/or have studied it before.

Options include: Japanese, Chinese, German or Spanish.

# Visual Arts—Level 2



*NB: Sculpture can also be available for students to study on an individual basis with Design or Photography at Level 2 & 3*

## VISUAL ART – PAINTING AND PRINTMAKING

12APT

**Course Description:** This course will develop students' ability to:

Work with selected painting skills, techniques, processes and procedures

Extend painting skills in a range of materials, techniques and technologies

Systematically generate, analyse, clarify and extend ideas through a body of work

Analyse and interpret artworks, studying how they convey meaning

Research and analyse the influence of real-world contexts on artworks, including their own

Students can take either Printmaking or Painting, or a mixture of both. Sculpture Standards are also an option.

**Assessment:** Up to 20 credits available at Level 2 including a 2 panel Folio worth 12 credits. Internal and External Achievement Standards are offered.

**Prerequisites:** 12 credits at Level 1 Art, Folio essential. Entry considered with a portfolio of work if you have not done Level 1 Art.

This course is heavily drawing and painting based.

**This course leads to:** Level 3 Visual Arts courses if 12 credits achieved from a folio of work.

**Contribution:** \$50 for take home components, not including folio board and speciality art supplies

**Course Description:** This course will develop students' ability to:  
Understand how to use a DSLR camera correctly  
Understand the elements of photographic composition  
Have knowledge of Photographic genres like Documentary and Portrait photography  
Develop ideas in a related series of work based around a theme  
Understand how to use artist models to inspire their own work

Students are at a distinct advantage if they have their own laptop and their own DSLR camera. Please see the HOD for a list of good entry level cameras to purchase new or second hand. A limited number of cameras are available for short term hire through the department. Students will need to sign a contract to hire these.

**Assessment:** Up to 20 credits available at Level 2, most students complete the Externally Assessed folio worth 12 credits as part of this makeup.

**Prerequisites:** Level 1 Arts preferred or at HOD discretion with examples of work.

**This course leads to:** Level 3 Photography

**Contribution:** \$50 take home costs, this includes \$30 for materials and \$20 or more loaded onto the students account for printing photos.

**Course Description:** This course will develop students' ability to:  
Work with design mediums including drawing and digital design  
Learn design conventions such as poster design, magazine design, logo design, and other print based media.  
Study contemporary design and learn how to use it in practice.  
Use illustration based conventions to create character design/graphic novel based works  
Learn about typography and layout

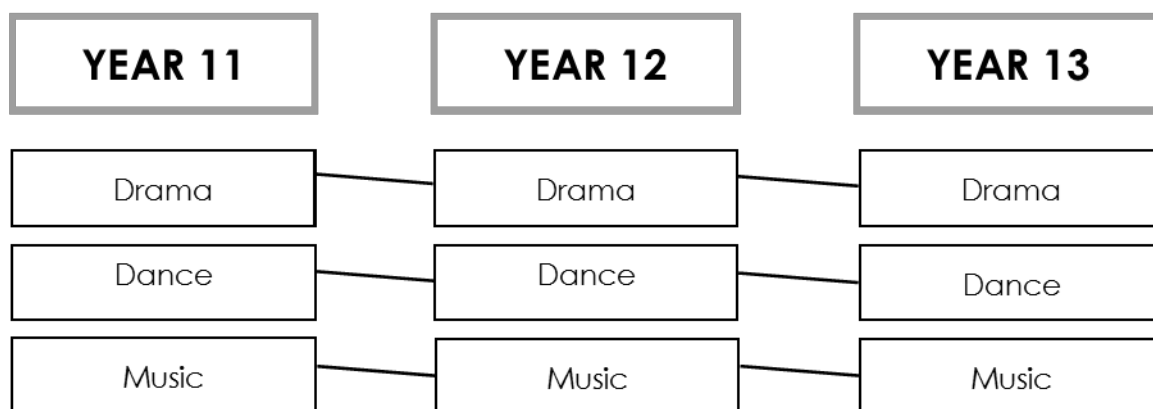
**Assessment:** Up to 20 credits available at Level 2 including a 2 panel Folio worth 12 credits. Internal credits can be made up of Design or other Art subjects. Internal and External Achievement Standards are offered.

**Prerequisites:** (Students are at a distinct advantage if they have their own computer with Photoshop or equivalent drawing programme installed). Level 1 Visual Arts, Graphic Design (DVC) or Computer Studies required.

**This course leads to:** Level 3 Design if 12 credits achieved (folio credits preferred)

**Contribution:** \$50 for take home costs, this includes \$30 for materials and \$20 or more loaded onto the students account for printing photos.

# Performing Arts—Level 2



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## MUSIC

12MUS

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**Course Description:** At Level 2 students decide whether they want a practical course, a more theoretical course or a combination of both. Students will choose from twelve standards that cover performance, composition, the study of music theory and context, music technology and sound and recording techniques.

Topics include:

Making Music: Solo Performance on a main instrument, Solo performance on a second instrument, Group performance, Composition (Internal Assessment)

Making Music: Aural skills (Exam)

Music Studies: Instrumentation, Investigating an aspect of New Zealand music (Internal Assessment)

Music Studies: Conventions used in musical scores, Understanding of two musical works (Exam)

Performing Arts Technology: Controlling Sound for a Performance Context (Internal Assessment)

Music Technology: Development of Music Technology, Apply Electronic music production and notation applications (Internal Assessment)

**Assessment:** Students choose a course of 20 credits from;

7 Internal Achievement Standards (27 Credits)

2 External Achievement Standard (10 Credits)

2 Unit Standards (12 Credits)

**Prerequisites:** Study of NCEA Music Level 1 or at least three years of instrumental or vocal tuition is recommended.

**This course leads to:** Level 3 Music

**Contribution:** Nil

**Course Description:** The Level 2 course requires students to develop more depth and decision making skills in the creation of their work. A range of performance opportunities exist - duologues, small group and a major performance. Other topics explored include theatre studies, playwright study, script writing and directing. Students continue developing an understanding of Stanislavski's Method Acting (Realism), Elizabethan Theatre and/or Epic Theatre, Physical Theatre and Contemporary New Zealand Theatre.

**Topics include:**

**Perform a substantial acting role in a scripted production:** Developing and sustaining a substantial acting role for an audience. Students will research, audition, participate in improvisation, annotate their scripts, block, rehearse, rehearse, rehearse. Students will take responsibility for an aspect of the production concept – sound, costume, lighting, props, front of house, set - 5 credits

**Apply drama techniques in a scripted context:** Explore Elizabethan techniques to create a modern interpretation of a Shakespearean text. Students select and justify drama techniques (voice, body, movement, use of space) in a group performance at the Sheilah Winn Shakespeare Festival. - 4 credits

**Use complex performance skills associated with a drama/theatre form:** Identify and select the key features of Epic Theatre: history, politics, staging, actors, acting styles, audiences, worldview, language, costume, theatres, influences, conventions and productions technologies. Perform a scene from Bertolt Brecht's plays in a small group. (4 credits)

**Devise and perform a drama to realise an intention:** Revise elements, conventions and structures of theatre. Explore text, quotations and short stories as stimulus for devised theatre. In small groups, select stimulus, brainstorm scenes, apply "bubble theory", improvise using elements and conventions, structure series of scenes, refine, perform, recording the process in portfolio throughout. - 4 credits

**Assessment:** The bulk of the course is internally assessed with the option of participating in an external written exam. 4 internally assessed standards (17 credits) and 1 external (optional) standard. (4 credits)

**Prerequisites:** 12 credits from Level 1 Drama. (Or on application to HOD who will look at reliability, attendance and group skills.)

**This course leads to:** Level 3 Drama (if 12 credits are achieved).

**Contribution:** \$30 contribution for workshops, guest teacher and/or live theatre trip.

Students are also encouraged to regularly attend live theatre performances for it is inspiring and exciting. Optional attendance is regularly offered throughout the year and students/parents notified as show information is available. Also a theatre trip to Wellington or Drama Camp at Kaiteriteri is a possibility at approximately \$300, including transport, accommodation and shows/workshops with local experts.



**Course Description:** Dancers at Motueka High School will:

- Extend skills in the vocabulary, practices and technologies of selected dance genres and styles
- Choreograph solo and group dance works
- Generate, plan and record choreographic ideas and processes
- Apply rehearsal and performance skills to a range of dances

Level 2 dance students will get the opportunity to attend live performances and work with professional companies and choreographers.

The Level 2 topics include; Performance – social or ethnic dance, Choreography – creating solo and group works, Perform in a Group Theatre Dance – applying production technologies to ensemble performance skills, Appreciation – study the development and history of contemporary or another style dance in New Zealand, Analysing Dance – view and respond to a range of dance works.

**Assessment:**

4 Internal Achievement Standards (16 credits)

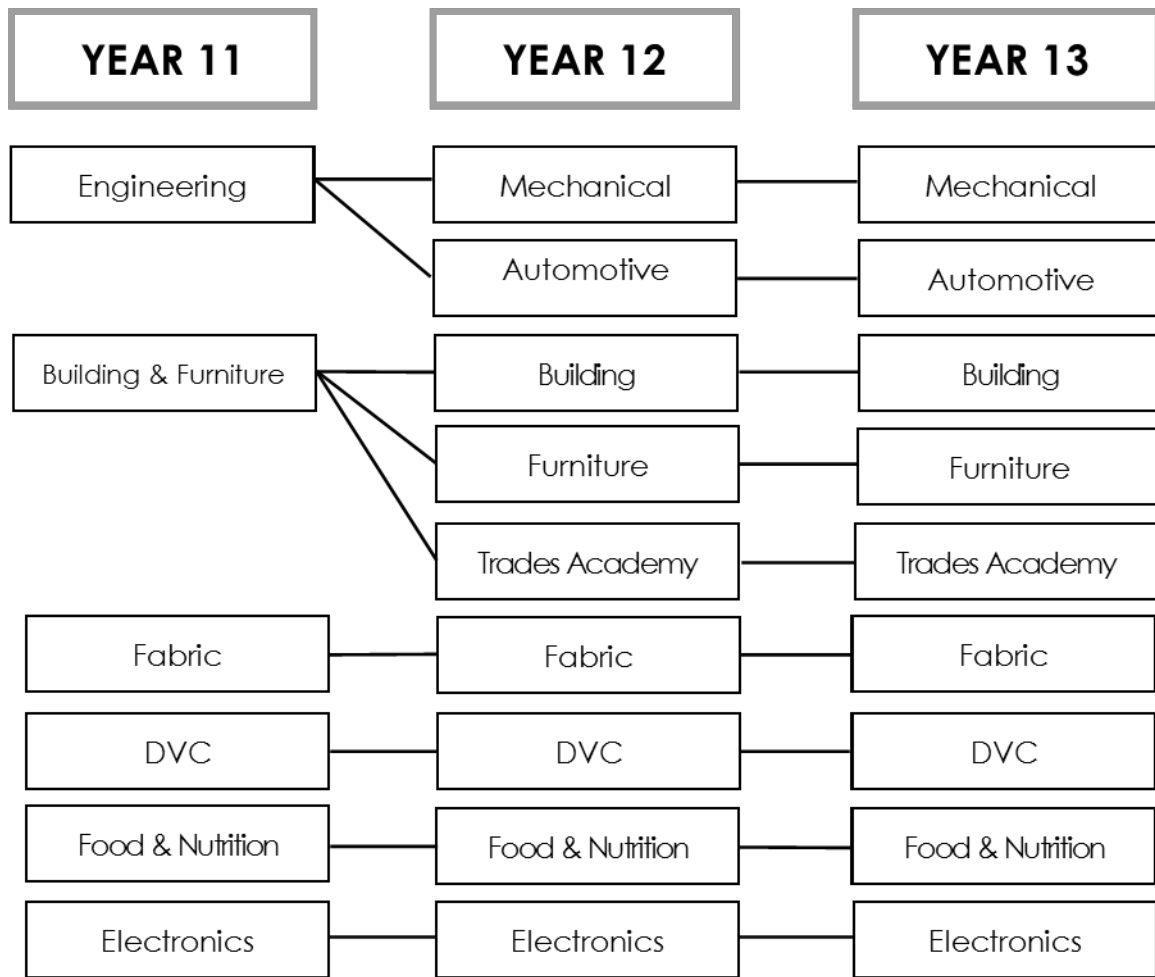
1 External Achievement Standard (4 Credits)

**Prerequisites:** Open to all students. Please note this is a performance based course and it is an expectation students will experience and demonstrate a range of dance styles.

**This course leads to:** Level 3 Dance.

**Contribution:** \$20 for guest teachers, workshops and field trips. Students may be given the opportunity to attend a dance trip.

# Materials Technology—Level 2




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## MECHANICAL ENGINEERING

**12EGN**

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**Course Description:** This course will further develop engineering skills on the pathway to an engineering apprenticeship. Students learn about the properties of engineering materials and develop an in-depth working knowledge of engineering processes, tools and equipment. There will be further development of key skills in hand and machine tools. Students will also develop responsibility, self-directed work habits and the ability to work with others as well as an understanding of safety in the engineering workshop.

Students complete 2 compulsory projects.

**Assessment:** Up to 20 credits available at Level 2 (Unit Standards)

**Prerequisites:** Minimum 12 Engineering credits at Level 1 or by interview with HOD.

**This course leads to:** Level 3 Mechanical Engineering and/or Automotive Engineering.

**Contribution:** \$90 for take home materials.

## **AUTOMOTIVE ENGINEERING**

**12AUT**

**Course Description:** This course is suitable for very focused students wishing to pursue a career in the engineering industry or wishing to expand their knowledge of automotive systems and components. Students will gain an understanding of vehicle components and systems, engine cycles, use and care for precision measuring equipment and of general engineering. The course is an ideal starting point for power boat servicing, aircraft engineering, professional engineering and mechanical engineering.

**Assessment:** Up to 20 credits available at Level 2 (Unit Standards)

**Prerequisites:** At least 14 credits in each of Level 1 English, Maths and Science/Technology or by interview with HOD

**This course leads to:** Level 3 Mechanical Engineering and/or Automotive Engineering.

**Contribution:** \$80 for take home materials.

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## **BUILDING and CONSTRUCTION**

**12BUI**

**Course Description:** This course builds on the skills developed in previous years. We reintroduce the students to the use of hand tools, developing good practice. The initial projects use these skills and enable the student to have the confidence to construct basic items. The projects undertaken include constructing a fence or deck. Students will work as a team to construct these items and are expected to work safely and with minimal supervision. Students will be working outdoors in our building area for at least one term. Students must provide safety shoes and have spare clothes to work in. Some physical work will be carried out so only motivated students should consider this option.

**Assessment:** Up to 20 credits available at Level 2. Successful completion of each of the projects and the theory papers will enable BCATS Unit Standards to be awarded. These are recognized across a broad range of industries such as boat building, furniture making, carpentry etc.

**Prerequisites:** Minimum of 12 credits at L1 or by interview with HOD.

**This course leads to:** Level 3 Building and Construction or other Workshop courses if 12 credits achieved.

**Contribution:** \$70 for take home materials.

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## **BUILDING and CONSTRUCTION TRADES ACADEMY**

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**Course Description:** Students interested in the Building and Construction industries as well as the related trades have the opportunity to take part in a new academy. The Academy is based on strong partnerships with industry and is designed to support students into apprenticeships and future careers. Students will take part in classes as per normal at school, but will gain experience out in industry one day per week.

All students are required to register an interest on the application form.

**NOTE:** This is not a subject selection. It is a work placement in addition to your 6 other choices.

**Assessment:** Industry standards

**Prerequisites:** Students will be expected to have achieved Level 1 NCEA and have an excellent record of attendance and attitude. It would be expected that all students are enrolled in the Building and Construction course to gain knowledge and skills of the industry. Places on the course are limited and entry is via interview

**This course could lead to:** A career in the chosen industry of interest.

**Contribution:** Nil

Depending on trade requirements some work related gear may be required. Eg overalls, steel-toed boots, high visibility gear.

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## **FURNITURE MAKING**

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**12FUR**

**Course Description:** This course builds on the skills developed in Year 11. We reintroduce the students to the use of hand tools, developing good practice. The initial projects use these skills and enable the student to have the confidence to construct basic items. The use of power tools to make things is encouraged as the course develops. A range of tools is introduced and the safety aspects of each are explained. Each student is expected to work with minimal supervision. Students will also be required to draw and design some project work. Projects attempted will include; bedside cabinets, chairs and tables. The projects completed contain skills directly related to those needed by the furniture making industry.

**Assessment:** Up to 20 credits available at Level 2. (Unit Standards) Successful completion of each of the projects and the theory papers will enable BCATS Unit Standards to be awarded. These are recognized across a broad range of industries such as boat building, furniture making, carpentry etc.

**Prerequisites:** Minimum of 12 Building and Furniture Making credits at L1 or by interview with HOD.

**This course leads to:** Any of the Level 3 workshop courses if 12 credits achieved.

**Contribution:** \$70 for take home materials.

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**FABRIC TECHNOLOGY**

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**12FBT**

**Course Description:** Fashion or Interior Design. Motivation to work with design and fabric is the main requirement of this course. Students work on two major projects – two terms each. These projects are based around different styles of clothing – which is decided in consultation with the teacher. Students are required to be more critical and reflective in their thinking than at Level 1. Fabrics are supplied for sampling and testing which goes towards end of year portfolio.

**Assessment:** Up to 20 credits available at Level 2 (Achievement Standards). Most work is internally assessed.

**Prerequisites:** NCEA Level 1 Soft Materials Technology or prior approval from Teacher-in-Charge.

**This course leads to:** Level 3 Fabric Technology

**Contribution:** \$30 for take home materials. Students may provide their own fabrics for their projects.

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**FOOD and NUTRITION**

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**12FNT**

**Course Description:** This is an academic course that requires students to have good literacy skills. Credits are gained through written reports and end of year exams. Students will build on their nutritional knowledge and understanding of the relationship between food choices and well-being, as well as gaining an awareness of sustainability and diets for specific needs

**Assessment:** Up to 18 Achievement Standard credits are offered including two external exams allowing students to gain subject endorsement.

**Prerequisites:** Level 1 Food and Nutrition is essential and Level 1 Health is an advantage. If new to the subject then prior approval of the TIC is required.

**This course leads to:** Level 3 Food & Nutrition

**Contribution:** \$50 for take home materials.

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**DVC (GRAPHICS)**

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**12DVC**

**Course Description:** The aim of this course is to extend the knowledge and skills developed in Level 1 by providing a variety of design and drawing experiences that are challenging, creative, useful, enjoyable and draw on a student's interests and background. Students will complete one major design project. The work has been designed to be achievable by all students but still provide scope for the more able students to gain outstanding results.

**Assessment:** Up to 17 credits available at Level 2. Students will be assessed against Achievement Standards. There will be no examinations in this subject.

**Entry Requirements:** Minimum 12 credits in Level 1 DVC or by interview with teacher

**This course leads to:** Level 3 DVC

**Contribution:** \$15 for take home materials.

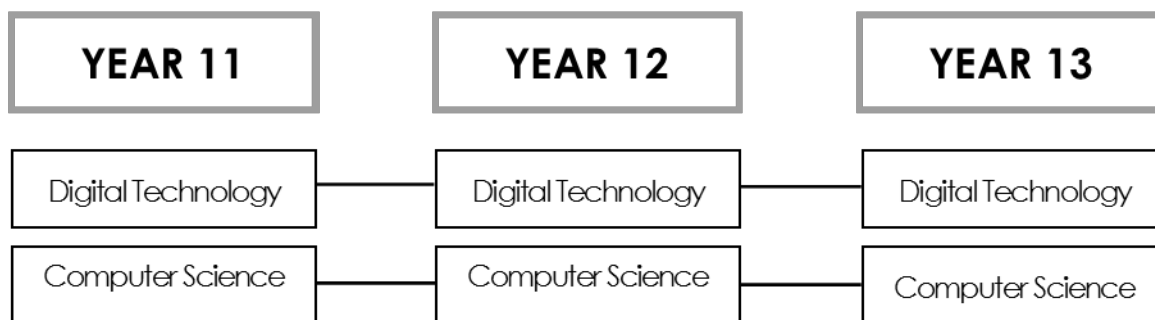
**Course Description:** This course aims to build a solid foundation of technical knowledge and practical application of the electronic and electro technology industry such as work carried out by engineers and electronic technicians. The course content has qualifications leading to a wide range in further education in electrical engineering or technician work.

**Assessment:** Up to 19 unit Standard and achievement Standard credits available at Level 2

**Entry Requirements:** Level 1 Maths and English

**Contribution:** \$45 for take home materials

# Digital Technologies—Level 2



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## DIGITAL TECHNOLOGY

12DGT

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**Course Description:** This course will give students intermediate skills in designing and developing digital outcomes which will be able to be applied in future study and employment. This course builds on skills gained in Year 11 Digital Technology. Through the below topics students will also look at digital citizenship, ethical issues and considerations, knowledge of file management and computer systems.

Topics include:

**Digital Solutions** – Using the Microsoft Office Suite of programs students will learn applications for spreadsheets, databases and desktop publishing in word, including dynamically linked data outcomes.

**Digital Design** – Using Adobe Photoshop, Illustrator and Indesign students will learn to create advanced digital documents to industry standard, using good design principles.

Please note this course does not cover movie making (Media Studies) or Graphic Design (Art).

**Project:** During this course students will complete work that will lead them to producing a digital product for a client e.g. story book.

**Assessment:** Students will have the opportunity to gain between 15-20 Level 2 Credits. Students will be assessed by a combination of Achievement Standards and Industry Unit Standards.

**Prerequisites:** Year 11 Digital Technology or with approval of the Teacher in Charge

**This course leads to:** Level 3 Digital Technology

**Contribution:** Nil

**Course Description:** Students in this course have access to a range of Achievement Standards. The overriding aim of the course is to build on Level 1 knowledge. Topics covered include computer science concepts, python programming, PHP and website creation with the addition of databases.

**Assessment:** Up to 20 credits available at Level 2

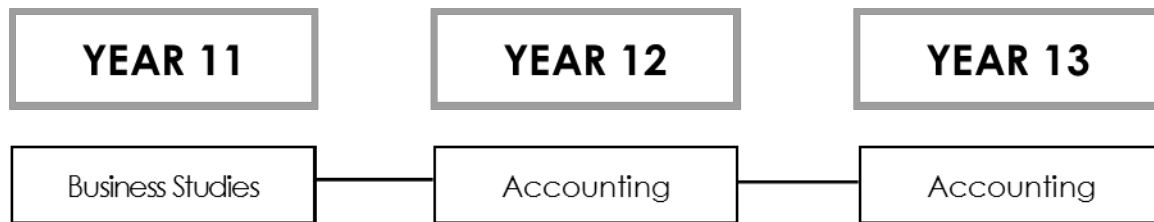
**Prerequisites:** A minimum of 8 credits in Level 1 Computer Science or with approval of the Teacher in Charge

**Contribution:** Nil

**BYOD:** Students must have their own laptop for this course.



# Commerce—Level 2



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## ACCOUNTING

12ACC

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**Course Description:** The focus of this subject is to promote knowledge and understanding of Accounting as a financial language for sole traders and to apply financial knowledge and skills to practical situations.

By the end of this year students will be expected to be able to prepare financial statements, complete accounting processes using accounting software, process financial transactions and communicate financial information for decision making.

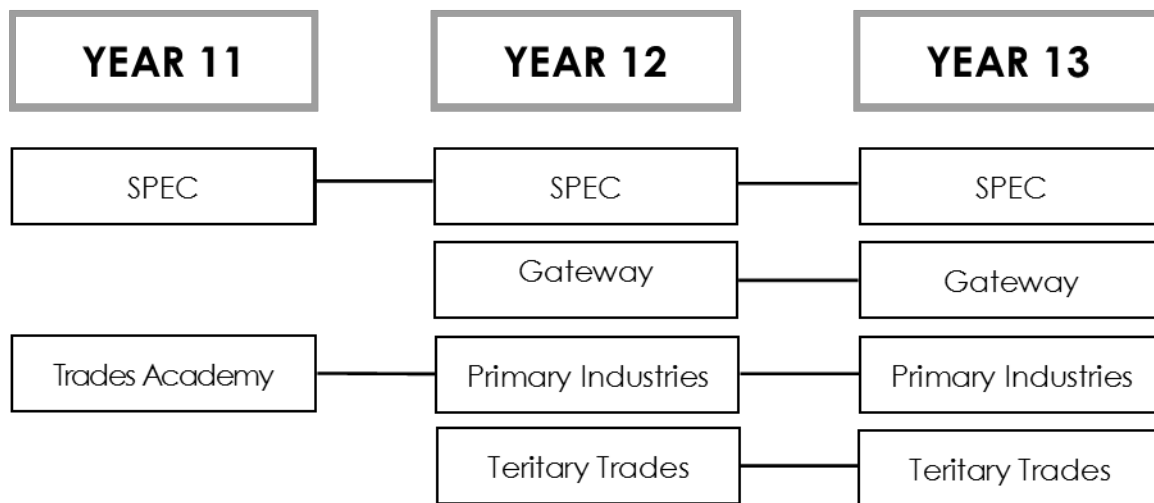
**Assessment:** Up to 20 credits available at Level 2. A mixture of Internal and External Achievement Standards are offered.

**Prerequisites:** Students should have strong numeracy and literacy skills. Having completed Level 1 Accounting would be an advantage.

**This course leads to:** Level 3 Accounting

**Contribution:** Between \$25 and \$35 for a workbook

# Work and Life Skills—Level 2



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**SPEC**

**12SPC**

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**Course Description:** This course progresses from Level 1 to Level 3 is designed to develop and assess key competency skills such as; Managing Self, Relating to Others, Thinking Skills, Using Language, Symbols and Texts and Participating and Contributing. These skills are highly valued by employers and training institutions.

**Assessment:** Students complete modules and then can work on an appropriate Unit Standard. There is no set number of credits to be gained but students can obtain up to 12 depending on their level of study and commitment.

**Prerequisites:** Open

**This course leads to:** a continuation of the SPEC programme at Level 3.

**Contribution:** \$25 for workbook.

**Course Description:** Are you interested in a career in Forestry, Fishing, Horticulture or Agriculture? Our academy is a combined initiative involving partnerships with industry groups. Students who participate in this course will be timetabled for 4 hours a week.

**Assessment:** Students taking part in the PITA will pursue a dual pathway. In addition to studying towards NCEA across their other subjects, students will work towards a National Certificate in Primary Industries Level 2. (This requires 40 credits from Level 2 subjects.)

**Prerequisites:** Restricted to students who have completed Year 1 course. All other Year 12 students must apply for the Year 1 course (See Year 11 course booklet). It should be noted that students can only choose 1 course from the following in Year 12 and 13: Primary Trades Academy, Tertiary Trades Academy.

Year One course has Level 2 credits available

Students are required to supply their own steel cap boots/shoes for industry visits.

**This course leads to:** Primary Industries Academy Level 3

**Contribution:** Nil

**Course Description:** Gateway is funded through the Tertiary Education Commission and is designed to strengthen the pathway for students to progress from school to workplace learning. Gateway delivers hands on, practical learning that leads to nationally recognised qualifications.

Students carry out work placements at a local business, normally in their Gateway double period. During class time they study work related topics and they also have time to complete some of their industry related units.

**Assessment:** All students MUST complete Health and Safety in the Workplace (Level 1, 3 credits) before commencing work experience placements. There are also a number of work related class units available at Level 2 & 3. The number of industry credits available varies for each industry. Students are expected to achieve a minimum of 20 credits from their combined class units and industry credits.

**Prerequisites:** To be accepted onto the program students must have an attendance rate of at least 90%. Students must also see Mrs Beatson (Gateway Coordinator) for an interview or complete a Gateway questionnaire prior to the course commencing. Students normally only take Gateway for one year (either Year 12 or Year 13).

**Contribution:** Nil

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## TERTIARY TRADES ACADEMY

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**Course Description:** There are 2 types of TOSTA Trades Academy programs: Block courses at Whenua Iti or courses held at NMIT every Friday. Only the NMIT Trades courses count as one option line.

NMIT Course options include;

Civil Infrastructure	12CVI
Aquaculture	12AQC
Maritime	12MAR
Sport and Exercise	12SAE
Hospitality	12HSP
Beauty	12BEA
Hairdressing	12HRD
Health and Support Services	12HSS
Tourism.	12TSM

Whenua Iti Course options include: Adventure Tourism and Leadership, Manaaki Tapoi (Maori Cultural Tourism) and Uniform Services (Police, Fire, Paramedics, Maritime). These are run as 3-4 week long residential blocks during the year.

**NOTE:** The Whenua Iti courses are in addition to your existing subjects. You will still need to choose 6 other subjects.

**Assessment:** Mostly Level 2 Unit Standard Credits are available. There are some Level 3 in special areas eg Manaaki Tapoi.

**Prerequisites:** Level 1 Numeracy and Literacy and through interview with Mr Aikenhead or Mrs Beatson. Must be able to travel to Nelson at 7.15am, returning to Motueka at 4.20pm. Bus tickets are provided

**This course leads to:** A Year 2 program the following year.

**Contribution:** Nil

## List of Year 12 Courses

<b>SUBJECT AREA</b>	<b>COURSES</b>	<b>CODES</b>
English	English 201 English 202 English 203 Media Studies	12ENG1 12ENG2 12ENG3 12MED
Mathematics	Mathematics 201 Mathematics 202	12MAT1 12MAT2
Sciences	Biology Chemistry Horticulture/Agriculture Physics Science General	12BIO 12CHE 12HAS 12PHY 12SCI
Social Sciences	Geography History NZ Studies Tourism	12GEO 12HIS 12Nzs 12TOU
Physical Education and Health	Physical Education Outdoor Education Sports and Leadership Sport Performance Health	12PED 12OED 12SPL 12SPT 12HED
Languages	French Maori	12FRE 12MAO
Visual Arts	Photography Design Painting & Printmaking	12APY 12ADN 12APT
Performing Arts	Dance Drama Music	12DAN 12DRA 12MUS
Materials Technology	Mechanical Engineering Automotive Engineering Building and Construction Building and Related Trades Electronics Fabric Technology Food & Nutrition Furniture Making DVC (Graphics)	12EGN 12AUT 12BUI Tick box on sheet 12ELT 12FBT 12FNT 12FUR 12DVC
Digital Technologies	Digital Technology Computer Science	12DGT 12CPT
Commerce	Accounting	12ACC
Work and Life Skills	SPEC Primary Industries Trades Academy Tertiary Trades Academy Gateway	12SPC 12PTA See codes previous page 12GAT