

YEAR 13

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GAINING NCEA Level 1, 2 and 3

<p style="text-align: center;">Level 1</p> <p style="text-align: center;"><i>80 credits at Level 1 or above:</i></p> <p style="text-align: center;">Including:</p> <p style="text-align: center;">10 Literacy credits 10 Numeracy credits</p> <p style="text-align: center;">University Entrance Numeracy Requirement:</p> <p style="text-align: center;"><i>10 credits at Level 1 or higher</i></p>	<p style="text-align: center;">Level 2</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;">University Entrance Literacy Requirement:</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;">Level 3 and Scholarship</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;">University Entrance Requirement:</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 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>			
Agriculture/Horticulture Accounting Biology Calculus Chemistry Digital Technology Dance Drama English	Food Technology Fabric Technology French Geography Graphics Health History Horticulture Mathematics Internal Media Studies	Music Physics Physical Education Statistics Te Reo Maori Visual Art: Design Visual Art: Painting Visual Art: Photography Visual Art: Printmaking	Gateway SPEC Automotive Engineering Tourism Building and Furniture Engineering Sports Performance Outdoor Education

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 below) = 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.

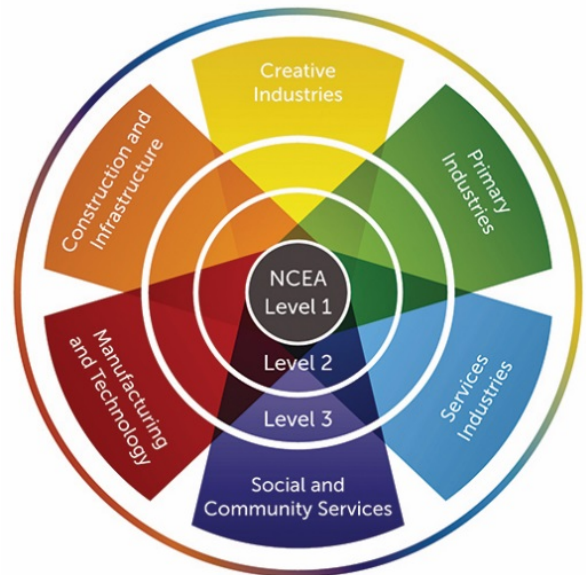
VOCATIONAL PATHWAYS

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.

NCEA Level 3 - You will need to achieve 80 credits, of which 60 must be at level 3 or above, and 20 at level 2 or above.

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 the 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.

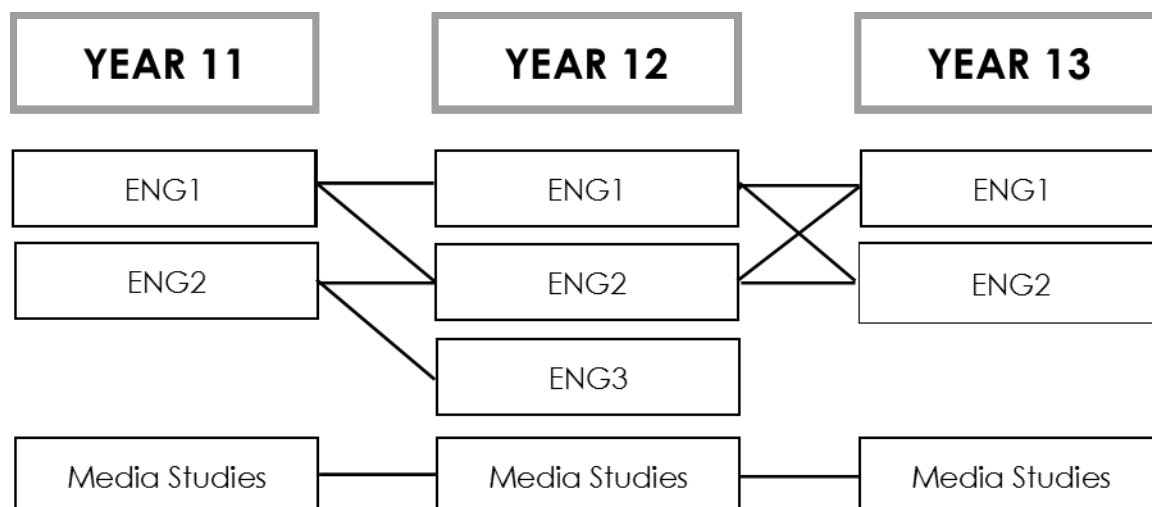
University Entrance – To be awarded UE you will need:

- 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 a range of subjects*
 - 5 credits in writing } *Specified Achievement Standards available through 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 3



ENGLISH 301

13ENG1

Course Description: English 301 is an advanced course that allows students to develop an in-depth and critical understanding of English Literature and language. Students will have the opportunity to explore major works of literature, research thematic ideas and create a portfolio of writing. This is primarily an academic course and contains both internal and external assessments.

There are also opportunities to sit English Scholarship exams.

Assessment: Achievement Standards up to 21 credits. This includes up to 2 externally assessed standards

Prerequisites: 12 or more credits gained in English Achievement Standards at Level 2 including the Level 2 Writing Standard or at the discretion of HOD.

Contribution: Nil

ENGLISH 302

13ENG2

Course Description: English 302 is an advanced course that allows students to develop their skills as they explore a variety of issues and texts in English. Students will complete a range of internally assessed standards at Level 2 and 3 as required. A focus of this class will be for the students to complete their UE Literacy. Students will look to explore works of literature, research thematic ideas and create a portfolio of writing.

Assessment: Achievement Standards up to 21 Credits. This may include externally assessed standards if required.

Prerequisites: 8 Credits at Level 2 English or at the discretion of the Head of Department of English.

Contribution: Nil

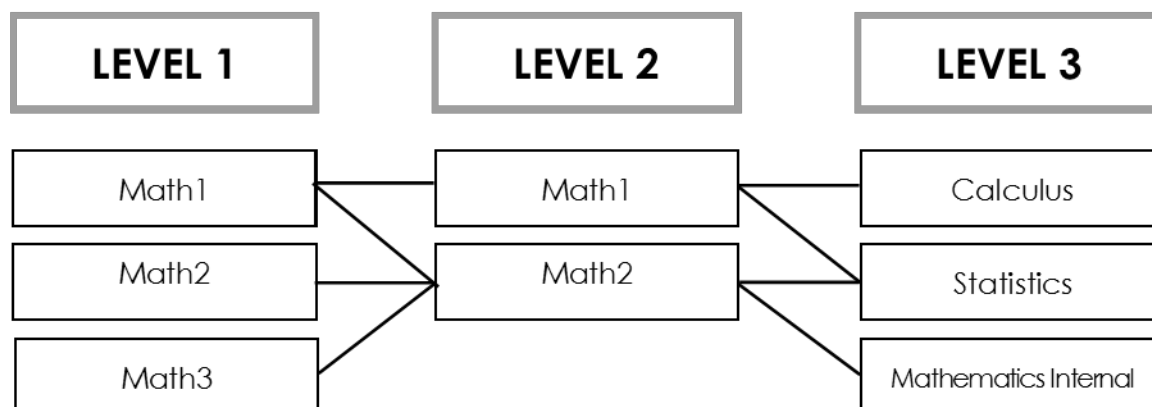
Course Description: This course is designed for students wishing to gain practical experience and theoretical knowledge of media and journalism. It teaches students to consider that media messages are a construction of reality, and develop a critical awareness about the effects of these media messages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

Assessment: Achievement Standards up to 20 credits. Students will complete one major project during the year.

Prerequisites: Level 2 Media Studies or External English (at the discretion of the HOD). 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.

Contribution: Nil

Mathematics—Level 3



MATHEMATICS – CALCULUS

13CAL

Course Description: This course extends Year 12 work done in Algebra, Calculus and Trigonometry and includes a new topic – Complex Numbers. Students undertaking this course need to have a strong Algebra foundation, hence the entry requirement below.

Assessment: Up to 21 credits available at Level 3.

1 Internal Achievement Standard - 4 credits

3 External Achievement Standards -17 credits

Prerequisites: 16 Level 2 Maths Achievement Standard credits, inclusive of AS91261 (Algebra at Merit or higher) and AS91262 (Calculus).

Contribution: Up to \$25 for workbook. (Students need to retain Graphics Calculator from Year 12).

MATHEMATICS – STATISTICS (BYOD)

13STA

Course Description: This course gives students an insight into applications of mathematical theory in many fields where modeling is used to make predictions including Economics and the Sciences.

As most of the content is computer based, students need to have their own personal laptop. It is essential for successful learning in this course.

Assessment: Up to 20 credits available at Level 3.

2 External Achievement Standards - 8 credits

Up to 3 Internal Achievement Standards - 12 credits

Prerequisites: 12 Level 2 Maths Achievement Standard credits.

Contribution: Up to \$20 for a workbook. (Students need to retain Graphics Calculator from Year 12). Own laptop computer.

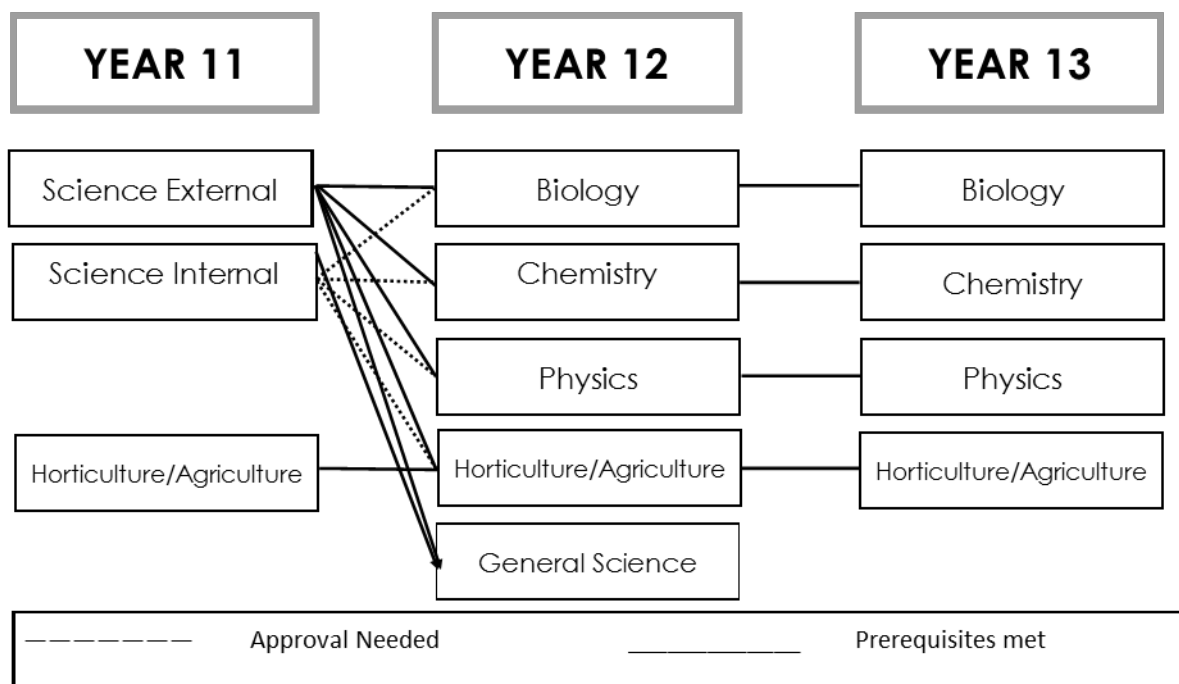
Course Description: This course is aimed at students who wish to continue with Mathematics on the internal pathway. It goes at a slower pace than the Statistics course with the assessments spread throughout the school year.

Assessment: 16 credits available at Level 3.
5 Internal Achievement Standards -16 credits

Prerequisites: 12 Level 2 Maths Achievement Standard credits.

Contribution: Up to \$20 for a workbook. (Students also need a Graphics Calculator from Year 12).

Sciences—Level 3



BIOLOGY

13BIO

Course Description: This course is designed to develop an understanding of important biological concepts and principles. An inquiring mind and an ability to solve problems, work independently and carry out an investigation are valuable skills in this course. A reasonable level of literacy is required.

Topics include:

- Animal Behaviour and Plant Response
- Speciation
- Human Evolution
- Biotechnology Applications
- Contemporary Biological Issues
- Practical Investigation

Assessment: Up to 20 credits available at Level 3. These will be a mixture of internal and external assessments.

Prerequisites: At least 10 credits in L2 Biology with 4 or more external credits or by negotiation with HOD.

Contribution: Approximately \$30 for workbooks

CHEMISTRY

13CHE

Course Description: An in-depth study of the nature of matter including practical applications and processes in Chemistry.

Topics include:

Structure and Bonding
Oxidation-Reduction Processes
Organic Chemistry
Aqueous Solutions and Equilibria
Spectroscopic Analysis

Assessment: Up to 20 credits available at Level 3.

2 Internal Achievement Standards – 6 credits

3 External Achievement Standards – 14 credits

Prerequisites: At least 10 credits in Level 2 Chemistry (4 or more to be external credits) or by negotiation with HOD.

Contribution: Nil

PHYSICS

13PHY

Course Description: This course uses experimental and theoretical approaches to build on key concepts met in Level 2 Physics. Laws that describe how the world works are investigated, from the decay of atoms to the orbits of planets.

Topics include:

Mechanical Systems (External)
Wave Systems (External)
Electrical Systems (External)
Modern Physics (Internal)
Practical Physics (Internal)

Assessment: Achievement Standards up to 20 credits.

Prerequisite: Must pass Mechanics or Electricity at Level 2 or at discretion of subject teacher

Contribution: Nil

Course Description: In this course students develop an understanding and appreciation for the size and importance of the Primary Industries in New Zealand. They will investigate the production, marketing and related market forces of at least 2 products in depth.

Possible topics include:

Investigation into product attributes and consumer preference.

Research the profitability of a specific primary product.

Production processes of 2 significant primary products. (apples and lamb)

The market forces that have an effect on supply and demand of primary products.

Impact of primary production on the environment.

Plant growth and lifecycles

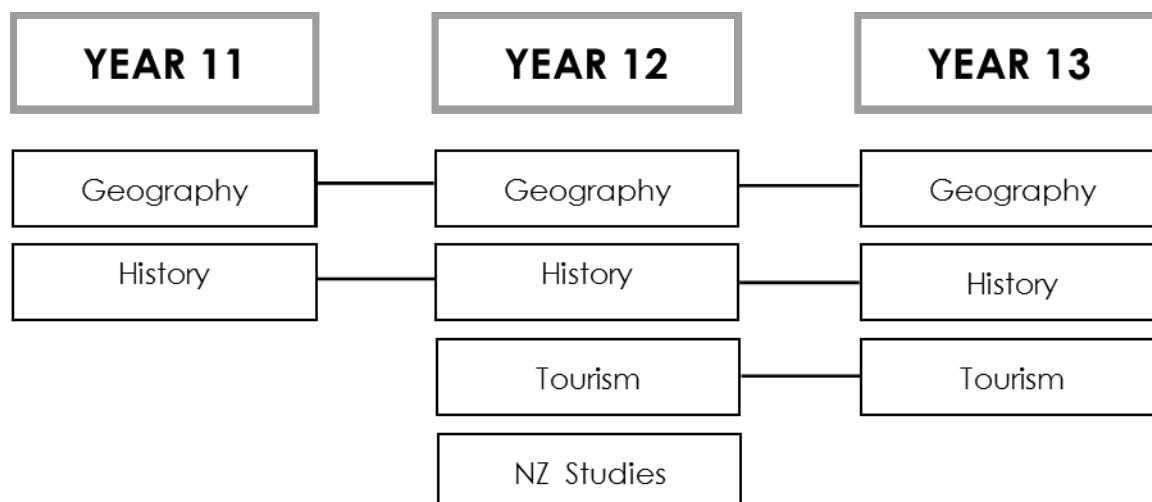
An overview of the production horticulture industry.

Assessment: Achievement and/or Unit Standards up to 20 credits.

Prerequisites: An interest in Agriculture/Horticulture and the Primary Industries. At least 40 credits in Level 2 NCEA.

Contribution: Nil

Social Sciences—Level 3



GEOGRAPHY

13GEO

Course Description: This course allows students to select topics of interest to show an understanding of Geography. Students use discussion skills, interpret map and data sources, weigh up alternatives, collect and interpret field work, research other peoples’ views and experiences and justify their viewpoints.

Topics include:

Themes	Coverage
Natural processes and Environments	<ul style="list-style-type: none"> Telling the story of changing Tasman Bay landscapes Impacts of leisure – tropical islands/reefs
Analyse Contemporary Events and Issues from a Geography perspective	<ul style="list-style-type: none"> Impacts of regional character, pressures on Abel Tasman National Park Upgrading Motueka stop banks, Valuing Te Waikoropupu Springs
Use Geo Skills and Ideas to examine events and environments	<ul style="list-style-type: none"> Expanding transport solutions Managing conflict over water resources eg bottled water, mega projects
Consider geographic topics on a Global scale	<ul style="list-style-type: none"> Global migration – economic and forced Global Mega Cities – where and impacts?
Conduct geographic research – own selection	<ul style="list-style-type: none"> Growth pressures from lifestyle blocks The ways river systems operate and change

Assessment: Up to 20 credits – Internal and External for UE

Prerequisites: Open – Previous geography course helpful

Contribution: Contribution to Local field trips, advisable at the time.

Course Description: This course includes a range of New Zealand and International topics over different time periods. Students learn a range of historical skills such as interpreting sources, researching, analysing and describing conflicting historical perspectives.

Topics include:

Themes	Coverage
Impact of Religion	<ul style="list-style-type: none">• The Crusades: Conflict between Christianity and Islam• Salem Witch Trials
Social and Political Issues	<ul style="list-style-type: none">• Prohibition era in the USA, 1920-1933• Responses to a social issue, alcohol
Impact of War	<ul style="list-style-type: none">• Gallipoli – Causes and consequences
Clash of Cultures	<ul style="list-style-type: none">• Wairau Affray
Source Interpretation	<ul style="list-style-type: none">• Students analyse diverse text eg Indian mutiny
Research Skills	<ul style="list-style-type: none">• An aspect of local or NZ history. Students choose a topic of their choice eg Great Depression, Battle of Somme, 1918 Flu epidemic

Assessment: 20 credits from:

3 Internal Standards (10+ credits) eg Analysing different perspectives, Research using primary and secondary sources.

2 External Standards (10+ credits) eg Essay, source interpretation

Literacy credits are also obtained from studying Level 3 History

Prerequisites: Open to all students.

Contribution: Nil

Course Description: Unit Standards towards the National Certificate in Tourism, the recognized first step in Tourism Industry training. Class activities and workbook completion approaches are used. Students will be able to build their industry base knowledge which leads into Tertiary or workplace training.

Topics include:

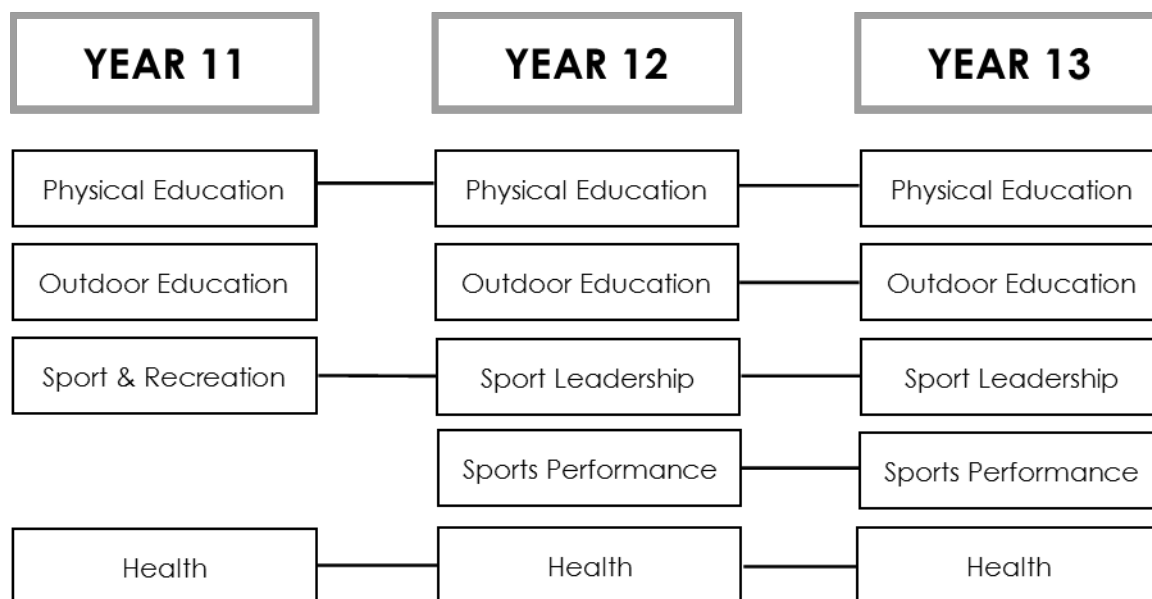
Themes	Coverage
Destination NZ	Build knowledge of NZ attractions, regions, events and visitor services. Make links between operators and visitor experiences
NZ Tourism Industry	Organizations that contribute to and make up the Tourism industry. Inbound and Outbound Tourism. Sales/Marketing. Trends in visitor markets and visitor expectations.
Promoting Regions	Promoting a tourist destination and preparing an itinerary for a tourist group e.g. Queenstown Lakes, Nelson Tasman Tourism
Visitors and Business	The business of tourism, types of tourists, and their needs. Economic significance of tourism to New Zealand communities and our economy.
Global Tourism	Knowledge of World Travel Geography

Assessment: Units are internally assessed to standards set by the Tourism industry (Service IQ). Practical exercises using student workbooks, producing tourism products and completing practical assessments. Minimum of 20 credits covered.

Prerequisites: Year 12 Tourism or by invitation.

Contribution: \$60 for take home workbooks. Field trips – advisable at the time.

Health & Physical Education—Level 3



PHYSICAL EDUCATION

13PED

Course Description: This is a theoretical and practical course that further develops the concepts of biomechanics, physiology, skill learning (biophysical principles) taught in Level 2 Physical Education. Students will be equipped with critical thinking skills in order to challenge assumptions and develop strategies to improve performance and wellbeing of self, others and society.

Topics include:

Sociology of sport
Application of biophysical principles to learning
Analysis and training for physical activities and sport
Practical performance

Assessment: 17- 20 credits available at Level 3. All internally assessed Achievement Standards.

Prerequisites: Minimum of 12 credits at Level 2 PE or HOD discretion. Students with independent study habits will do well.

Contribution: There will also be an opportunity to apply risk management strategies to planning and participating in an Outdoor Activity experience. This is an optional activity and will incur a cost.

SPORTS AND LEADERSHIP

13SPL

Course Description: Students will continue to develop a range of leadership and coaching skills as well as their practical performance in a range of individual and team contexts.

Students will gain an insight into the sport and recreation industry and analyse a number of local activities and opportunities that exist in our community. Students will complete vocational Unit standards with a focus on leadership, First aid (Accredited course), injury management, officiating and coaching.

Assessment: Students will be offered 4 Achievement standard credits in a practical assessment. A range of unit standards are offered to suit the needs of the group. (16-18 credits in total)

Prerequisites: Level 1 or 2 Physical Education, Sports Performance or Sport & Leadership.

Contribution: Nil

SPORTS PERFORMANCE

13SPT

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 training time each week.

Assessment: Will be based around:
Practical performance
Coaching and Leadership

Prerequisites: Level 1 or 2 Physical Education, Sports Performance or Sport & Leadership.

Contribution: Nil

OUTDOOR EDUCATION (Super Option)

13OED

Course Description: This is an exciting course that allows students to undertake detailed and extended study in Outdoor Education. It operates for 8 hours a week (plus some lunch times). It leads to positions within the Sports and Adventure industry. The Super Option continues on from Yr 12 Outdoor Education and develops skills in pursuits such as white-water kayaking, vertical caving, outdoor navigation, survival skills, rock-climbing and in the alpine environment. A strong focus on leadership is maintained throughout the course and students are encouraged to undertake opportunities to develop their skills in this area.

Much of the time will be spent out of school in the world class rivers, mountains, caves, bush and ocean in our local area. Specialist instructors are employed with NZOIA (NZ Outdoor Instructor Association) or equivalent qualifications.

Assessment: Up to 30 credits available at Level 3. (Unit Standards and potentially 12 Achievement Standard credits for those interested).

(Please write this course in for **2 subject spaces** on your Yr 13 Course Option sheet).

Entry Requirements: Numbers are restricted. A course suitability interview must be completed.

Contribution: \$450 to cover practical work, specialized equipment, contract instructors, travel, expeditions, etc. This should be paid in full or arrangements made for installment before course commences.

HEALTH

13HED

Course Description: This course focuses on strategies to meet needs for well-being and analysis of health issues as well as the conception of personal, cultural and national identity.

Topics include:

National Health Issues
International Health Issues
Current Health Practices in New Zealand
Contemporary Ethical Issues
Models for Health Promotion

Assessment: Up to 19 credits available at Level 3.

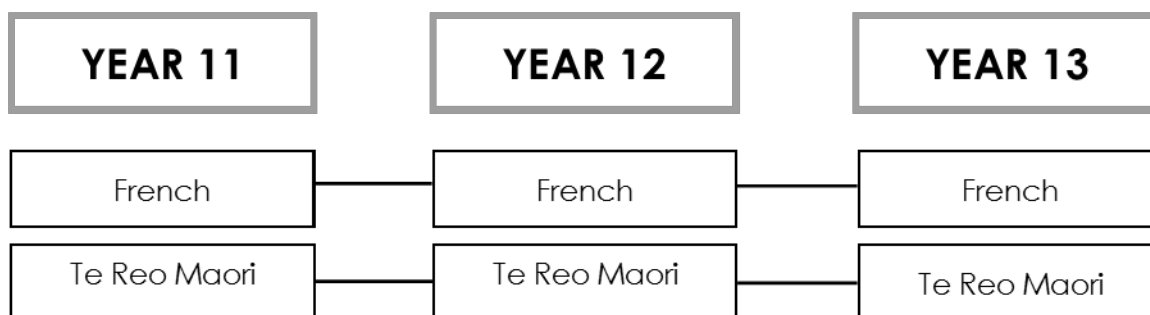
3 Internal Achievement Standards – 14 credits.

1 External Achievement Standard – 5 credits.

Prerequisites: Senior Health Level 2 or by arrangement.

Contribution: Nil

Languages—Level 3



FRENCH

13FRE

Course Description:

This is Year 5 of the language course, preparing students for NCEA Level 3. It includes activities and practice in the 4 language skills of speaking, listening, reading and writing.

Assessment: 21 credits available at Level 3 (Achievement Standards)

11 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 2 French.

Contribution: Nil

TE REO MĀORI

13MAO

Course Description:

This is Year 5 of the Māori language course. It prepares students for NCEA Te Reo Māori Level 3, 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 & 12 students, and assume leading roles in the culture group and the school Manu Kōrero contest.

Assessment: Up to 20 credits available at Level 3. The Tuhituhi and Panui components are externally assessed by NZQA in the end of year examinations. The Waihanga Tuhinga, Kōrero and Whakarongo components are internally assessed.

Prerequisites: Year 12 Te Reo Māori or equivalent.

Contribution: Nil

LANGUAGES BY CORRESPONDENCE

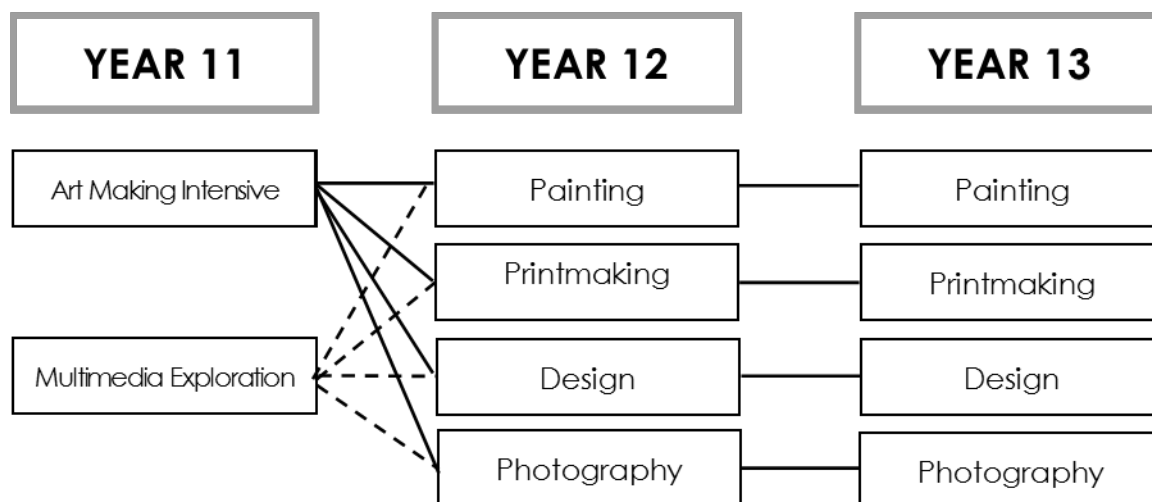
Te Aho o Te Kura Pounamu (The Correspondence School) offers other language courses via distance learning. Once enrolled in a course Year 13 students work through learning activities online.

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 3



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

13APT

Course Description: Based around Curriculum Level 8, this course will develop students' ability to:
Work with selected painting materials, techniques, technologies, processes and procedures
Extend and refine painting skills
Systematically generate, analyse, clarify and regenerate ideas through a body of work
Research and analyse to investigate contexts, meanings, intentions and technological influences related to making and valuing artworks, including their own work

Assessment: This is an NCEA Level 3 course (up to 20 credits available). Internal and External Achievement Standards including a 3 Panel Folio Submission worth 14 credits.

Prerequisites: 12 credits from Level 2 Painting or Printmaking Folio preferred. Students can take this subject without Level 2 but will not be able to do the external Folio.

Contribution: \$60 towards take home components not including Folio boards and specialised Level 3 products.

VISUAL ART - PHOTOGRAPHY

13APY

Course Description: Based around Curriculum Level 8. This course will develop students' ability to:
Work with selected photography materials, techniques, technologies, processes and procedures
Extend and refine photography skills
Systematically generate, analyse, clarify and regenerate ideas through a body of work
Research and analyse selected approaches and theories related to photography practice
Critically reflect on, respond to, and evaluate photographs

Assessment: Up to 20 credits available at Level 3 including a 3 panel Folio worth 14 credits. Internal and External Achievement Standards are offered.

Prerequisites: 12 credits from Level 2 Photography, Folio credits preferred. This course requires a high level of photographic knowledge and the ability to work independently. Students will be at an advantage if they own their own camera and a laptop that has Photoshop. Please talk to the HOD about good entry level cameras for purchase. Students are able to take this course for the first time at Level 3 at the discretion of the HOD based on examples of work, 12 credits from Level 2 Photography preferred.

Contribution: \$30 towards take home components, including folio boards and other related course supplies. Students will need printing credits throughout the year which will be approximately \$30.

VISUAL ART - DESIGN

13ADN

Course Description: This is a direct line from the Level 2 Design course based around Curriculum Level 8, and will develop students' ability to:
Extend and enhance student's ability in design drawing programs such as Photoshop and Illustrator.
Allow students to choose from a wide variety of projects that suit their interests, including packaging design, typography, digital and hand made illustration.
Further expose students to real world design and introduce them to current design styles and artists
Allow students to develop their own personal style in design to focus on their favourite areas.
Understand how design influences popular culture and sells products.

Assessment: Up to 20 credits available at Level 3 including a 3 panel Folio worth 14 credits. Internal credits can be made up of Design or other Art subjects. Internal and External Achievement Standards are offered.

Prerequisites: Students are able to take this course for the first time at Level 3 at the discretion of the HOD based on examples of work. 12 credits from level 2 Design preferred

Contribution: \$30 towards take home components including folio boards and other related course supplies. Students will need printing credits throughout the year which will be approximately \$30.

Course Description: This is a direct line from the Level 2 Design course based around Curriculum Level 8, and will develop students' ability to:

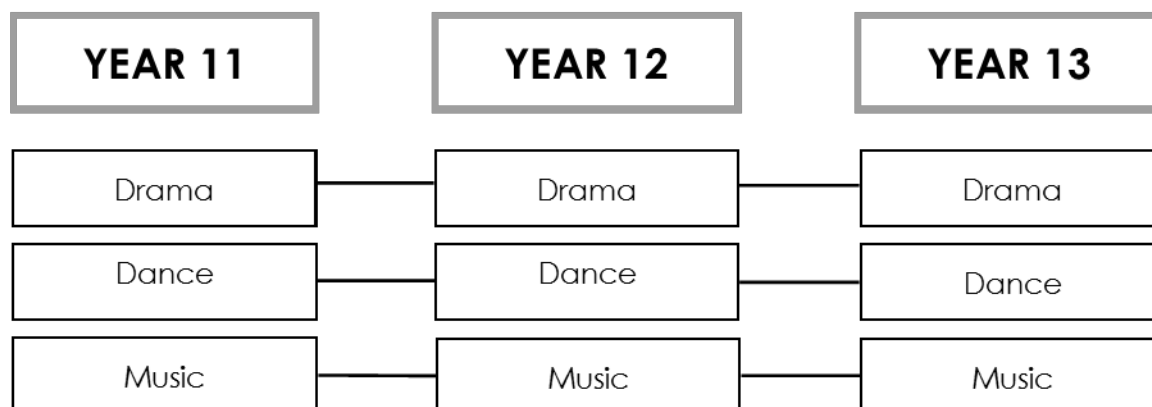
- work with selected design materials, techniques, technologies, processes and procedures
- extend and refine designing skills
- systematically generate, analyse, clarify and regenerate ideas through a body of work
- research and analyse selected approaches and theories related to design practice
- critically reflect on, respond to, and evaluate artworks
- research and analyse to investigate contexts, meanings, intentions and technological influences related to making and valuing design-works, including their own work

Assessment: This is an NCEA Level 3 course (up to 20 credits available). Internal and External Achievement Standards including a 3 Panel Folio Submission worth 14 credits.

Prerequisites: 12 credits from Level 2 Painting or Printmaking. Folio credits preferred.

Contribution: \$50 contribution towards all art making supplies such as paint and specialized print making media.

Performing Arts—Level 3



MUSIC

13MUS

Course Description: At Level 3 students decide whether they want a practical course, a more theoretical course or a combination of both. Students will choose from standards that cover performance, composition and the study of music theory and context, music and sound technology.

Topics include:

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

Making Music: Aural Skills (Exam)

Music Studies: Arranging, Examine the influence of context on a music work, Research a music topic (Internal Assessments)

Music Studies: Understand harmonic and tonal conventions in scores. Analyse a substantial music work (Exams)

Performing Arts Unit Standards: Operate music sequencing, editing, and music notation application(s); Select and apply a range of processes to enhance sound in a performance context (Internal Assessments)

Assessment:

Making Music	4 Internal Achievement Standards 1 External Achievement Standards
Music Studies	3 Internal Achievement Standards 2 External Achievement Standards
Performing Arts	2 Internal Unit Standards

NB Unit Standards are assessed with Achieved, Merit and Excellence grades but do not count towards University Entrance.

Prerequisites: Study of NCEA Music Level 2 or at least three years of instrumental or vocal tuition is recommended (or with prior approval of the HOD).

Contribution: Nil

Course Description: The Level 3 course requires students to research, analyse, and critically evaluate how drama, including New Zealand Drama, interprets, records, or challenges social and cultural discourse. Students integrate elements, techniques, conventions, and technologies in dramatic forms such as Epic Theatre, Elizabethan Theatre, Physical Theatre and Contemporary New Zealand Theatre. Students 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.

Topics include:

- **Perform a substantial acting role in a significant production** - research (develop understanding of the style/ influences, development, playwright) determine production concept (collaborate with director). Students participate in the rehearsal process with commitment and enthusiasm...audition, characterisation development, improvisation, script annotation, blocking, take responsibility for a minor production role (FOH, lighting, sound), rehearse and reflect. (5 credits)
- **Interpret scripted text to integrate drama techniques** - Revise acting techniques (voice, body/ movement, use of space) with open scripts, research/ play reading (understanding context), interpretation of script recorded in portfolio, script annotation, diagrams, note-taking, development of role describing how acting techniques are applied and integrated to communicate meaning. Utilise either New Zealand drama works or Shakespeare's text in a duologue performance at the Sheilah Winn Shakespeare Festival. (4 credits)
- **Select and 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** - Devise a script based on a character, situation or issue from an existing play. Develop further understanding of the character through creating and performing new material which includes key lines from the play. Explore devising process, determine how elements and conventions contribute to a viable and compelling script. Keep accurate process notes in a style that suits you and the assessor. Record ongoing production decisions justified with reasons. Rehearse to produce a performance that is convincing, engaging, fresh, powerful and tightly structured to realise the intention of the script. (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 2 Drama, (or on application to HOD who will look at reliability, attendance and group skills.)

Contribution: \$30 contribution for workshops, guest teachers 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:

- Investigate, analyse and discuss the features, history, issues and development of dance in New Zealand and abroad.
- Record and critically reflect on the development and resolution of dance ideas
- Extend and refine performance skills
- Have the opportunity to produce a dance work
- Get the chance to work with professional companies and choreographers in a range of dance genres and styles

Topics include:

Choreography – create an entire work and apply production technologies to communicate ideas.

Perform – choreographed solo or duet work

Perform – choreographed group work

Perform – choreographed repertoire of contrasting dances

Analysing Dance – critically viewing and responding to a range of dance works

Assessment:

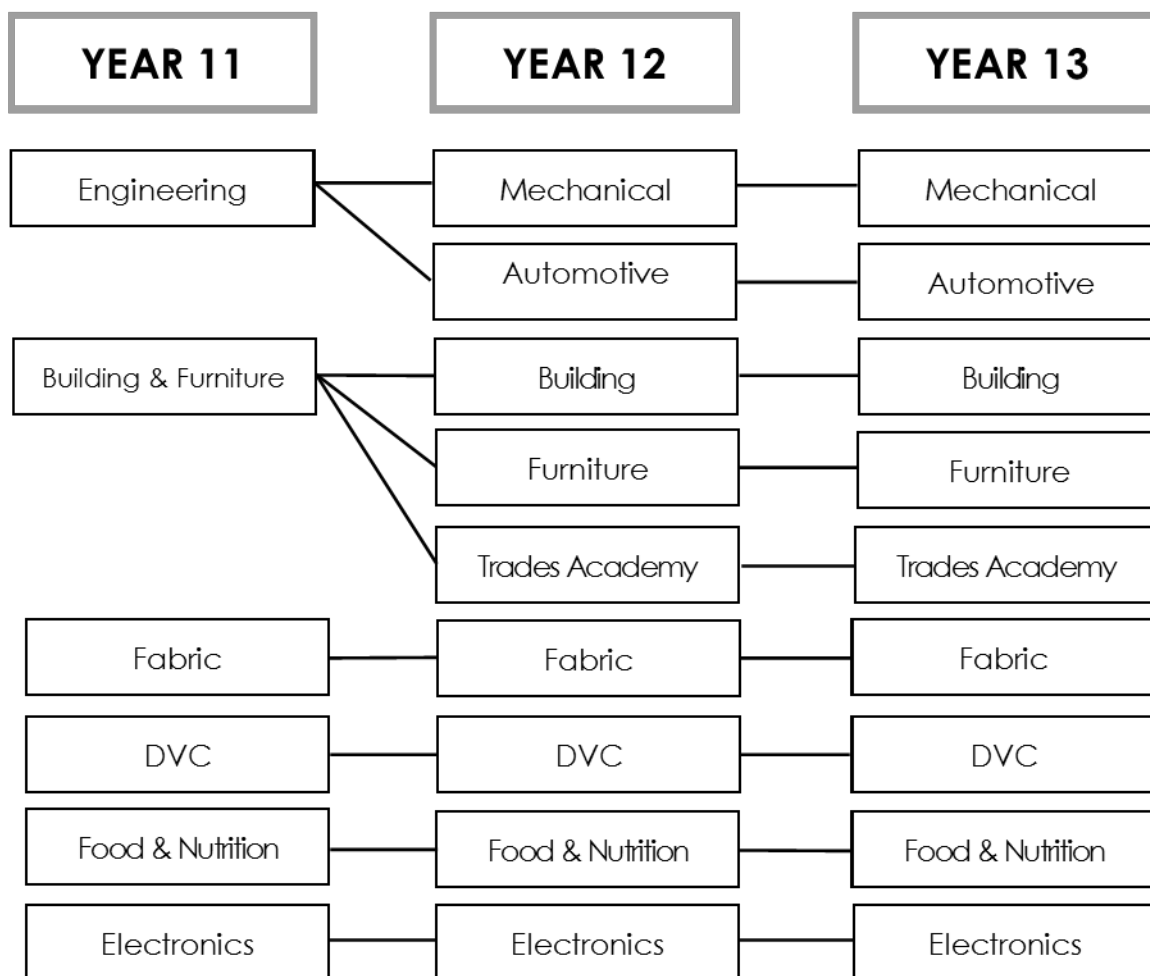
4 Internal Achievement Standards – 16 credits

1 External Achievement Standard – 4 credits.

Prerequisites: Level 2 Dance advisable. Exceptions only after consultation with the Dance teacher. Please note this is a performance based course and it is an expectation students will experience and demonstrate a range of dance styles.

Contribution: \$20 for guest teachers, workshops and field trips.

Materials Technology—Level 3



MECHANICAL ENGINEERING

13EGN

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 a grass kart which they will race at a competition at the end of the year.

Assessment: Up to 20 credits available at Level 2 & Level 3 (Unit Standards).

Prerequisites: Completion of Year 12 Mechanical Engineering.

Contribution: \$70 for take home materials.

AUTOMOTIVE AND ENGINEERING SKILLS

13AUT

Course Description: This course is suitable for very focused students wishing to pursue a career in the Automotive industry or wishing to expand their knowledge of automotive systems and components. Students will be expected to display a motivated learning style. A set program of work has been developed that covers the requirements of the NMIT alignment program and certificate. Construction of a grass kart is the main project.

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: Completion of Year 12 course. Demonstration of mature work habits in Year 12.

Contribution: \$80 for take home materials.

BUILDING AND CONSTRUCTION

13BUI

Course Description: This course is suitable for focused students who have an interest in building and construction or who wish to further develop their knowledge base.

Students will attempt a number of Level 3 BCATS Unit Standards. The course will consist of a 50:50 mix of theory and practical work. All students will further develop their understanding of construction materials and tools. Students require good literacy and numeracy skills.

Assessment: Up to 20 Level 3 credits. (Unit Standards). All standards are internally assessed.

Prerequisites: Minimum of 12 credits from any of the Y12 Workshop Technology courses. L1 Literacy and Numeracy.

Contribution: \$70 for take home materials. Students must provide safety shoes.

BUILDING AND CONSTRUCTION TRADES ACADEMY

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 5 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 this course are limited and entry is via interview.

Contribution: Depending on Trade requirements, some work related gear may be required. eg overalls, steel-toe boots, high visibility apparel.

ELECTRONICS

13ELT

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, electricians, appliance service persons and security 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.

Prerequisites: Level 1 Maths and English

Contribution: \$45 for take home materials

FABRIC TECHNOLOGY

13FBT

Course Description: Soft Materials or Interior Design. Motivation to work with design and fabric is the main requirement of this course. Students work on one major project throughout the year. It is a client-based project where students choose the context and client. This could be anything from a wearable arts outfit to a ballet costume for an authentic client. The project requires students to be critical and reflective in their work. 'Scholarship Technology' is available for students to strive for, if they are working at the appropriate level.

Assessment: Most work is internally assessed with External Standards available for course endorsement at Merit or Excellence.

Prerequisites: NCEA Level 2 Soft Materials Technology or prior approval from Teacher-in-Charge.

Contribution: \$40 for take home materials.

FOOD and NUTRITION

13FNT

Course Description: This is an academic course that requires students to have good literacy skills. Credits are gained through a combination of written reports and an end of year exam. Students will use their nutritional knowledge to investigate a nutritional issue that affects the well-being of society, health promotion and food advertising.

Assessment: Up to 14 internally assessed Achievement Standard credits are offered as well as one external exam allowing students to gain subject endorsement.

Prerequisite: Level 1 and/or Level 2 Food & Nutrition is essential. If new to the subject then the prior approval of the TIC is required.

Contribution: \$50 for ingredients towards food/meals to be consumed by student.

DVC (GRAPHICS)

13DVC

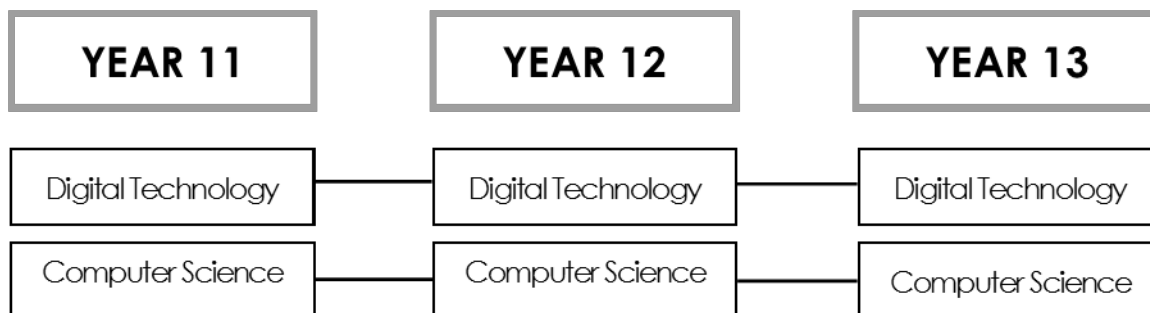
Course Description: This course will challenge students to use their creative and conceptual thinking skills as well as their ability to communicate their ideas visually. They will complete one major design project in a context that draws on their interests and background.

Assessment: Up to 22 credits available at Level 3. Students will be assessed against Achievement Standards. There will be no exam in this subject.

Prerequisite: Minimum 9 credits in Level 2 DVC or by interview with teacher

Contribution: \$15 for take home materials.

Digital Technologies—Level 3



DIGITAL TECHNOLOGY

13DGT

Course Description: This course will give students advanced 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 12 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 advanced applications for spreadsheets, databases and desktop publishing in word.

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).

Assessment: Students will have the opportunity to gain between 15-20 Level 3 credits. Students will be assessed by a combination of Achievement Standards and Industry Unit Standards.

Prerequisites: Year 12 Digital Technology or with prior approval of the Teacher in Charge.

Contribution: Nil

COMPUTER SCIENCE (BYOD)

13CPT

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 2 knowledge. Topics covered include computer science concepts, OOP with python, PHP and website creation with the addition of complex databases.

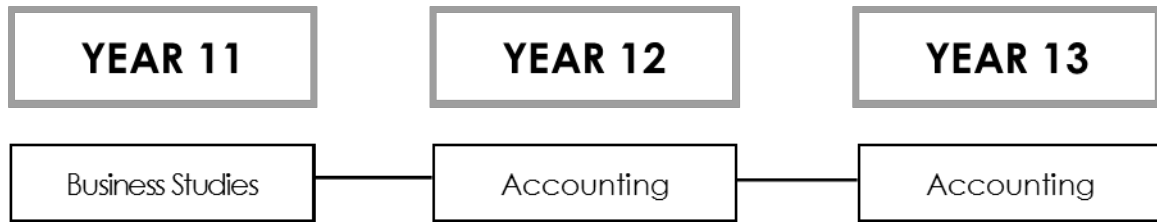
Assessment: Up to 20 credits available at Level 3

Prerequisites: Completion of Year 12 Computer Science or with approval of the teacher in charge.

BYOD – Students must have their own laptop for this course.

Contribution: Nil

Commerce—Level 3



ACCOUNTING

13ACC

Course Description: The focus of this subject is to promote knowledge and understanding of Accounting as a financial language for partnerships, companies and manufacturing businesses.

By the end of this year students will be expected to be able to prepare financial statements for partnerships and companies, understand costs of production and use management accounting to aid decision making.

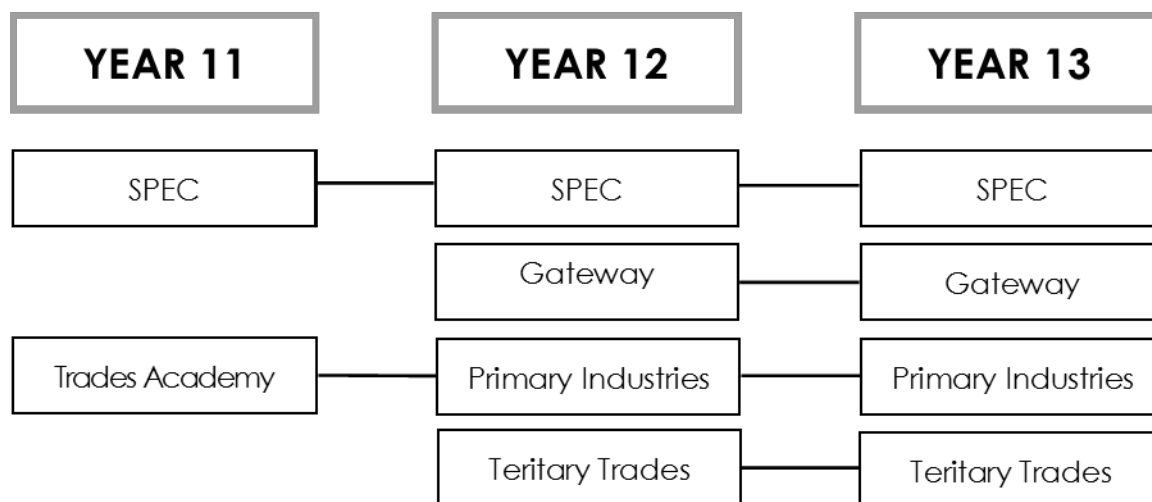
The skills developed include; decision making, risk analysis, calculations and preparation of accounts for a wide variety of business types.

Assessment: Up to 17 credits available at Level 3. A mixture of Internal and External Achievement Standards are offered

Prerequisites: Level 1 or 2 Accounting.

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

Work and Life Skills—Level 3



SPEC

13SPC

Course Description:

This course progresses from Level 1 to Level 3. Each level is a stand-alone qualification and 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. There is also a certificate of competence with each module.

Prerequisites: Open.

Contribution: \$25 for workbook.

Course Description: Students at this level start to specialize in the area that interests them the most. They will spend one day per week for the first three terms out on work experience. Work experience may change each term. Class time is spent completing a range of assignment work relating to the area of interest.

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 and possibly some Level 3 credits.

Prerequisites: Must have an interest in Fishing, Forestry, Horticulture or Agriculture. Students must have an interview with the HOD. Entry will be at the discretion of the HOD.

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

Contribution: \$150 transport charge for frequent field trips.

GATEWAY

13GAT

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 a work placement 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 see Mrs Beatson (Gateway Coordinator) for an interview or complete a Gateway questionnaire prior to the course commencing. Year 12 Gateway students do not normally repeat this course. Mr Crossley (HOD Gateway) may grant permission for some students to repeat Gateway in certain circumstances or for students to follow the Gateway program without taking it as one of their subjects

Contribution: Nil

TERTIARY TRADES ACADEMY

Course Description: There are two 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	13CVI
Aquaculture and Maritime	13AQC
Sport and Exercise	13SAE
Hospitality	13HSP
Beauty	13BEA
Hairdressing	13HRD
Health and Support Services	13HSS
Tourism.	13TOU

Whenua Iti course options include:

Adventure Tourism and Leadership	12ADV
Manaaki Tapoi (Maori Cultural Tourism)	13MTA
Uniform Services (Police, Fire, Paramedics, Maritime).	13UFS

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 5 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. Students 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 13 courses

SUBJECT AREA	COURSES	CODES
English	English 301 English 302 Media Studies	13ENG1 13ENG2 13MED
Mathematics	Mathematics - Calculus Mathematics -Statistics 301 Mathematics Internal	13CAL 13STA 13MAT
Sciences	Biology Chemistry Horticulture/Agriculture Physics	13BIO 13CHE 13HAS 13PHY
Social Sciences	Geography History Tourism	13GEO 13HIS 13TOU
Physical Education and Health	Physical Education Sport and Leadership Sport Performance Health Outdoor Education	13PED 13SPL 13SPT 13HED 13OED
Languages	French Maori	13FRE 13MAO
Visual Arts	Photography Sculpture Design Painting Printmaking	13APY 13ASC 13ADN 13APT 13APR
Performing Arts	Dance Drama Music	13DAN 13DRA 13MUS
Materials Technology	Mechanical Engineering Automotive & Engineering Skills Building and Construction Building and Related Trades Electronics Fabric Technology Food & Nutrition DVC Graphics	13EGN 13AUT 13BUI Tick box on sheet 13ELT 13FBT 13FNT 13DVC
Digital Technologies	Digital Technology Computer Science	13DGT 13CPT
Commerce	Accounting	13ACC
Work and Life Skills	SPEC Primary Industries Trades Academy Tertiary Trades Academy Gateway	13SPC 13PTA See codes on previous page 13GAT

NOTES