

Otamatea High School Course Directory - 2020



Introduction

Students entering the senior school these days are confronted with a bewildering array of choices. As they progress, choice becomes even more complicated, with the ability to study at different levels. Entry requirements for many tertiary institutions are still being revised. Parents and students should be aware that this booklet contains the best information we have at this time.

This course directory is an attempt to explain the choices available and to outline some of the basic principles underlying subject choice, such as keeping your options open if you are not sure what to do. It is a guide only. The careers advisor, deans, whānau teachers, deputy and assistant principals, and principal are only too happy to advise students (and their parents/caregivers), and should be approached if there is any doubt. Parents wanting an appointment with one of these people should phone the school office on 09 4318 230 or 0800 682 628.

This booklet has been produced to give information to parents/caregivers and students about possible courses available in the senior school next year. Not all courses will necessarily be offered as this will depend on staffing availability and students' subject preferences. We hope that it will assist you in making wise decisions about which subjects to take.

Rachel Clothier-Simmonds, Principal

Index

Introduction	Page 2	Course Structure	Page 11
Help	Page 4	Subject Entry	Page 12
Tertiary Links with Careers	Page 5	Flow Charts	Page 13-19
NCEA	Page 6	Year 10 Subject Information	Page 20-26
Fees	Page 7	Level 1 Subject Information	Page 27-36
Gateway	Page 8	Level 2 Subject Information	Page 37-48
Self-driven Pathways	Page 9	Level 3 Subject Information	Page 49-57
Distance Learning	Page 10		

Help

This course directory is designed to assist senior students when selecting their 2020 courses

Careers

Do not hesitate to make an appointment with the careers advisor, Mrs van den Berg, if you have any questions regarding your future career and the subjects you may need for this. You can email Mrs van den Berg on sev@otamatea.school.nz or alternatively visit the school website www.otamatea.school.nz/careers for more general information.

If you have a particular career in mind you can get valuable information on the official CareersNZ website www.careers.govt.nz

Current Year 10 Students

If you have no career in mind, don't panic. Most students do not make up their minds until much later. However, you should start thinking about what you might like to do when you leave school. Think about whether you want to go to university or do some other training or go into a trade. Look at the subjects you are interested in, or are good at, and discuss your strengths and weaknesses with your family/whānau and with your whānau teacher, or with Mrs van den Berg.

Option Selections

When putting together your courses for 2020:

- Make sure you understand the entry requirements for all your subjects. Students who have not met these entry requirements will usually not gain entry into the course. If entry requirements are not met, you may have to study at a lower level. It is common for students to study at multiple levels (e.g. four subjects at NCEA Level 2 and two at NCEA Level 1)
- Make sure you know if the subject you are interested in studying is eligible for university entrance (UE). Unit standard courses are not UE eligible courses.
- The school tries very hard to give you your first choice of subjects. For us to do so means we need definite information by the stated deadlines.
- Not completing your subject choice forms may mean your choice of options is not available to you because the class is full, or was cancelled due to either small student numbers or the unavailability of a specialist teacher.

Tertiary Links With Careers

Apprenticeship Entry

Most prefer completion of Year 12

Minimum: Level 1 English – 12 credits, Mathematics – 12 credits. Most prefer Science – 12 credits, plus credits in subjects associated with the apprenticeship. **ALL** apprenticeships require that you are able to meet entry requirements for the industry you are interested in. Due to the fact that there are many more applicants than placements it is strongly advised that students aim to have achieved Level 2 NCEA with good grades in Mathematics, English and Science. It also helps to have had practical workplace experience through Gateway.

Visit <http://youthguarantee.net.nz/vocational-pathways/students-and-whanau/> to see pathway requirements.

IMPORTANT

**Aim for more credits than the “minimum”.
Aim for Merits and Excellences, not just Achieved grades;**

- To ensure that you are competitive with other applicants
- To ensure that you achieve the minimum number of credits required

Armed Forces Entry

The Armed Forces provide many opportunities for apprenticeships and on-the-job training. The minimum age for entry is 17 years and applicants are required to pass a **Medical Assessment, Physical Fitness test** and **Aptitude test**.

General summary of Entry into the Armed Forces	
Air-Force, Navy, Army	Recommendations or Requirements
Support Roles	English, Mathematics, Science, Technology, at Level 1 minimum recommended
Most Apprenticeships	English, Mathematics and a Science or a Technology subject at Level 2
Engineering Apprenticeships	English, Mathematics and a Science subject at Level 3
Officer and Specialist Roles	English, Mathematics and a Science subject at Level 3
Undergraduate Scheme	University Entrance at Merit/Excellence level

Polytechs and Universities

Tertiary Certificate Entry -NZQA Level 4
Many prefer completion of Year 12. Students must meet the minimum English requirement 10 literacy credits in Level 1. Many require numeracy credits as well – also 10 at Level 1. Some certificates require Level 2 credits for entry.

Diploma Entry – NZQA Level 5, 6

Usually Level 2 – 48 credits over four subjects – that is 12 credits per subject. One of these subjects must be English. Some diplomas require NCEA Level 3 credits for entry.

Bachelors Degree Entry - NZQA Level 7

University entrance: 14 credits in three university approved subjects as well as UE Literacy which is 5 reading and 5 writing credits at Level 2 or above.

Many tertiary institution courses are ranked using a grade point average; “Excellence” grade is ranked higher than a “Merit” grade, which is ranked higher than an “Achieved” grade.

Scholarships, student allowances and student loans are ways to pay for tertiary study. More information about this is available at www.studylink.govt.nz, as well as at each university website. Another worthwhile source of information is www.moneyhub.co.nz.

National Certificate in Educational Achievement (NCEA)

The National Certificate in Educational Achievement is the main New Zealand qualification for secondary school students.

Most NCEA subjects are assessed using a combination of internal assessments (assessed at school) and external assessments (assessed by end-of-year examinations or through outside marking of portfolios), with credits earned going towards the NCEA qualification.

Achievement standards are New Zealand curriculum based. For achievement standards there are four possible grades:

- Achieved (A) for a satisfactory performance
- Merit (M) for very good performance
- Excellence (E) for an outstanding performance
- Not achieved (N) if students do not meet the criteria of the standard

Unit standards are competency based. Courses that offer unit standards are also credited towards NCEA at Levels 1, 2 and 3. All unit standards are internally assessed and although all grades may be available, usually there are just two:

- Achieved
- Not achieved

NCEA is intended to act as a learning goal and to encourage lifelong learning. Students will start to earn credits at school and can continue to build up their credits with a tertiary provider or in the workplace when they leave school.

NCEA Level 1 (usually Year 11)

Awarded when 80 Level 1 credits are earned.

This must include:

- 10 credits in Literacy (specified achievement standards available through a range of subjects or through a package of three literacy unit standards)
- 10 credits in Numeracy (specified achievement standards available through a range of subjects or through a package of three numeracy unit standards)

NCEA Level 2 (usually Year 12)

Awarded when 80 credits are earned – with at least 60 at Level 2 or above. Level 1 literacy and numeracy requirements must be met.

NCEA Level 3 (usually Year 13)

Awarded when 80 credits are earned – with at least 60 at Level 3 or above plus 20 credits from Level 2 or above. Level 1 literacy and numeracy requirements must be met.

UNIVERSITY ENTRANCE (UE)

University Entrance (UE) is the minimum requirement to go to a New Zealand university. Once you have met the requirements for University Entrance it will appear on your Record of Achievement.

To qualify you will need:

- NCEA Level 3
- Three UE approved subjects at Level 3, made up of 14 credits each.
- UE Literacy - 10 credits at Level 2 or above, made up of 5 credits in reading and 5 credits in writing

Please note that the **University of Auckland** has introduced an Academic English Language Requirement (AELR) into all of its undergraduate programmes. To meet the AELR, students will need a minimum of 17 credits in English at Level 2 or above.

New Zealand Scholarship

New Zealand Scholarship provides recognition and monetary reward to top students in their last year of schooling. New Zealand Scholarship examinations enable candidates to be assessed against challenging standards, and are very demanding. New Zealand Scholarship is a separate award from NCEA and is assessed by way of external assessment. The assessments are separate from the NCEA Level 3 assessments.

A New Zealand Scholarship (\$2000) is awarded if a student achieves the Scholarship standard in 3 subjects. Students can also gain awards in individual subjects (\$500 for one or two subject scholarships).

Fees

NZQA Fees for NCEA Levels 1, 2 & 3 and Scholarship

NZQA have now abolished their domestic student entry fees for all NCEA levels, as well as for Scholarship subjects.

Fees	GST exclusive	GST inclusive
Domestic student entry for all NCEA standards	No Charge	No Charge
Domestic student entry for each Scholarship subject	No Charge	No Charge

Otamatea High School Course Fees

Please note that many courses offered do have associated materials and field trip costs.

Need additional help or guidance?

Contact: Mr Smyth on dirk.smyth@otamatea.school.nz

Gateway

The purpose of Gateway is to enable schools to provide senior students (year 11 and above) with opportunities to access structured workplace learning that has:

- a formalised learning arrangement set in the workplace
- specified knowledge and skills that a student will attain
- specified assessment methods (workplace learning)

Opportunities exist for Year 11, 12 and 13 students to attend work experience placements in their area of interest. This could be for a one day visit, for one day a week for a term, for one day a week for the whole year, or during the school holidays. Most students who have a Gateway programme select the self-directed **Pathways** class as one of their options. See the Self-driven Pathways page for more information.

Students who wish to apply for Gateway should preferably already have 10 literacy and 10 numeracy credits. Year 11 students will not generally be eligible for Gateway until they have passed Level 1 literacy and numeracy. A student's Gateway programme will be aligned with one or more of the vocational pathways: Primary Industries, Services Industries, Social and Community Services, Manufacturing and Technology, Construction and Infrastructure and Creative Industries. Students are usually expected to gain at least 20 credits as part of their Gateway programme. Gaining work experience as a barista and completing the associated unit standards is an example of a Gateway programme. It is aligned with the Services Industry vocational pathway.

Gateway is also an opportunity for students intending to go to university to have a chance to experience what their future career may be like before they have a large student loan. Gateway is also about building up networks in the workforce. Many jobs are gained through the use of networks. Otamatea High School's Gateway programme has been extremely successful in placing students in full-time permanent employment. All students interested in Gateway must apply for an interview, as acceptance is not guaranteed.

Need additional help or guidance?

Contact: Mrs Fiona Kemp on gateway@otamatea.school.nz

Self-driven Pathways

Self-driven Pathways is a very successful initiative introduced at the beginning of 2016 as an alternative NCEA subject option for senior Otamatea High School students (in years 12-13). Pathways is a option that caters for students who wish to pursue a personalised programme of study that is aligned with their career aspirations, and who are prepared to work in a self-driven way. It aims to improve student transitions from school to work, or from school to further study. This is achieved by creating clear pathways for students, by providing a wider range of learning opportunities for students, by making better use of the available education networks, and by helping students find suitable work experience opportunities.

Pathways Pillars

Pathways is underpinned by the following “pillars”.

- Success requires effort
- High expectations with little tolerance for low productivity or disruptive behaviour
- Students take responsibility for their own learning
- Pathways teachers are available as consultants/coaches to support student learning

Consider Pathways as an Option if...

- You have a specific career in mind and school subjects do not prepare you for this career.
- You cannot find enough relevant subjects in the option lines that the school offers and your area of interest is not covered by the Correspondence School (Te Kura).
- You are interested in doing courses that are specific to a Vocational Pathway but are not part of the regular school curriculum.
- You wish to experience structured workplace learning through the school’s **Gateway** programme.



Need additional help or guidance?

Contact: Mrs van den Berg on elizabeth.vandenberg@otamatea.school.nz

Distance Learning

Correspondence School

Certain students have demonstrated over the course of their time at Otamatea High School that they are capable of managing their time effectively and can study independently. These students have earned access to the privilege of studying certain subjects through the Correspondence School (Te Kura). These subjects are restricted to those that cannot be provided by Otamatea High School staff, and may include the following:

- Accounting (Level 1 upwards)
- Art History (Level 2 and 3)
- Chinese (Level 1 upwards)
- Classical Studies (Level 2 and 3)
- Commerce Studies (Level 1 and 2)
- Digital Technology (Level 1 upwards)
- Economics (Level 1 upwards)
- French (from beginners to Level 3)
- German (from beginners to Level 3)
- Home Economics (Level 1 upwards)
- Japanese (Level 1 upwards)
- Kaupapa Māori (from beginners to Level 3)
- Legal Studies (Level 1 upwards)
- Marine Biology (Level 1 only)
- Primary Production (Agriculture/Horticulture) (Level 1 upwards)
- Spanish (from beginners to Level 3)
- Te Reo Māori (Level 1 upwards)

If there is a subject you want to study and it is not included in the available options, write on your option form what course you would like to study. Please note that entry to these courses requires sponsorship from your dean confirming that you can manage your time effectively and can study independently.

Need additional help or guidance?

Contact: Mrs van den Berg on
elizabeth.vandenberg@otamatea.school.nz

Senior School Course Structure Years 10-13

YEAR 10		NCEA LEVEL ONE		NCEA LEVEL TWO		NCEA LEVEL THREE
English		English - Academic	→	English for Creatives	→	English - Academic
			→	English for Media	→	English - Academic
		English - Literacy	→	English for Enterprise	→	English - General
Mathematics		Mathematics with Algebra	→	Mathematics – Algebra & Calculus	→	Mathematics with Calculus
		Mathematics with Statistics	→	Mathematics – Statistics & Probability	→	Statistics & Probability
		Mathematics – General	→	Mathematics – General	→	Mathematics – General
Science		Science - Physical	→	Physics	→	Physics
		Science – General	→	Chemistry	→	Chemistry
				Biology	→	Biology
				Science		
		Primary Industries Trade Academy	→	Primary Industries Trade Academy		
Social Science		Geography	→	Geography	→	Geography
		History	→	History	→	History
				Tourism	→	Tourism
Physical Education & Health		Physical Education	→	Physical Education	→	Physical Education
				Sports Leadership		
		Health	→	Health	→	Health
Y10 Options: Students do TWO for a year						
Hard Materials Technology	→	Wood Technology	→	Wood Technology		
	→	Engineering	→	Engineering		
	→	Whakairo	→	Construction Technology/Whakairo	→	Construction Technology/Whakairo
Business Studies	→	Business Economics	→	Business Economics	→	Business Economics
Design & Visual Communications	→	Design & Visual Communications				
Digital Technology	→	Media Studies	→	Media Studies	→	Media Studies
Drama	→	Drama	→	Drama	→	Drama
Food Technology	→	Hospitality	→	Hospitality	→	Hospitality Academy
Music	→	Music	→	Music	→	Music
Te Reo Māori	→	Te Reo Māori & Māori Performing Arts	→	Te Reo Māori & Māori Performing Arts	→	Te Reo Māori & Māori Performing Arts
Visual Art	→	Visual Art	→	Visual Art - Painting	→	Visual Art - Painting
			→	Visual Art - Photography	→	Visual Art - Photography
Japanese	→	Japanese by correspondence				
Green to Gold	→	Primary Industries Trade Academy				
Magazine Design	→	Media Studies				

Subject Entry

The courses offered by each learning area are shown on the pages that follow.

The flow diagram shows what courses may be offered at NCEA Levels 1, 2 and 3.

Entry to Level 1 subjects

For English, mathematics and science, students are placed in classes based on their year 10 results.

Entry requirements are advertised for each option class. Students will be accepted into a course if they meet these entry requirements.

If a student does not meet the entry requirement they must gain the HELA's permission before they can be accepted into a course.

Entry to Level 2 subjects

The level of difficulty of Level 2 subjects requires a certain level of achievement in NCEA Level 1. Students will be provisionally accepted into courses at the end of the year, and these will be confirmed when students' final NCEA results are available in January.

Some subjects specify achieving in a particular achievement standard, or even a specified grade in a particular standard. Where an inappropriate choice has been made, the whānau teacher or dean will discuss this with the student.

Entry to Level 3 subjects

The level of difficulty of Level 3 subjects requires a certain level of achievement in NCEA Level 2. As a consequence, most Level 3 courses have pre-requisites.

Students will be provisionally accepted into courses and these will be confirmed when students' final NCEA results are available in January.

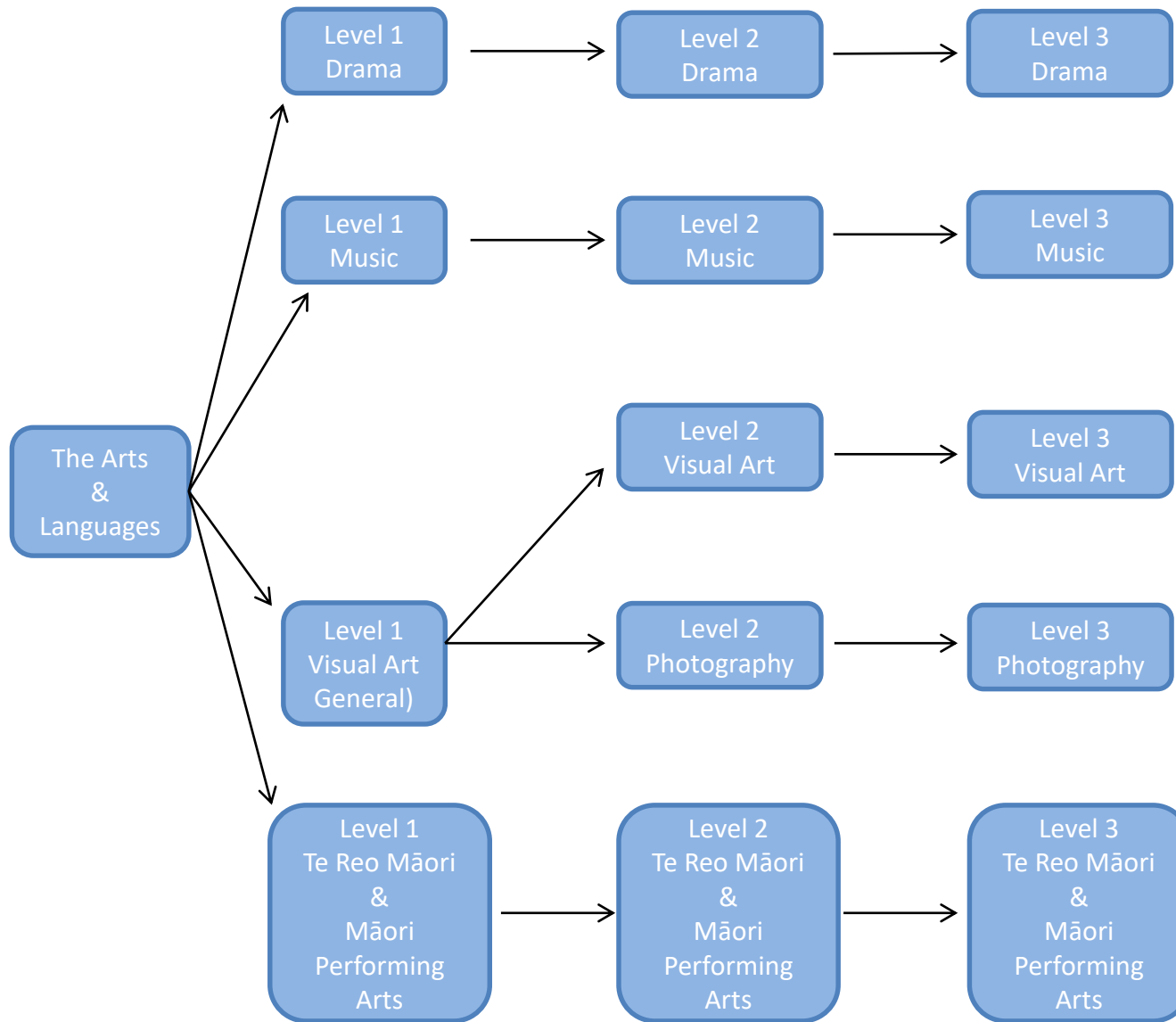
In exceptional cases, students can apply to the HELA for discretionary entry.

Entry Requirements

These are the recommended minimum levels of achievement you need in order to enter that course.

These prerequisites are based on prior experience. We believe that students who do not meet the prerequisites will have considerable difficulty coping in that subject.

The Arts



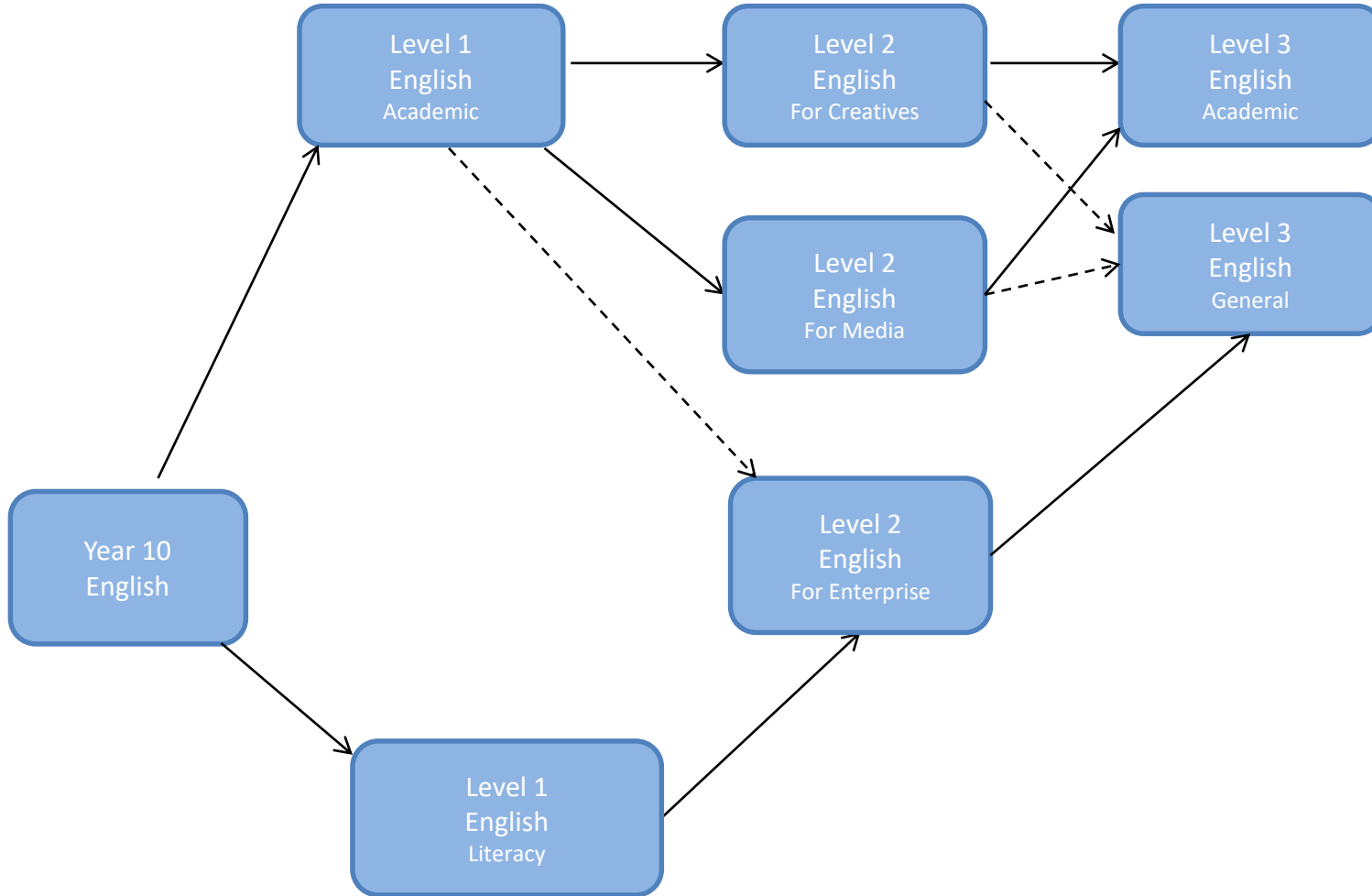
Possible Future Career Opportunities

Drama & Dance

- Teaching
- Theatre
- Actor
- Dancer
- Producer
- Director
- Choreographer
- Entertainer
- Comedian
- Stunt Person
- Music
- Composer
- Conductor
- Music Therapist
- Radio Broadcaster
- Singer
- Event Manager
- Visual Arts
- Artistic Director
- Architect
- Film/TV/Radio producer
- Illustrator
- Clothing Designer
- Art Historian
- Curator
- Teacher
- Te Reo Māori
- Broadcasting
- Health
- Management
- Education
- Māori Performing Arts
- Māori Visual Arts

See career pages for further information

English

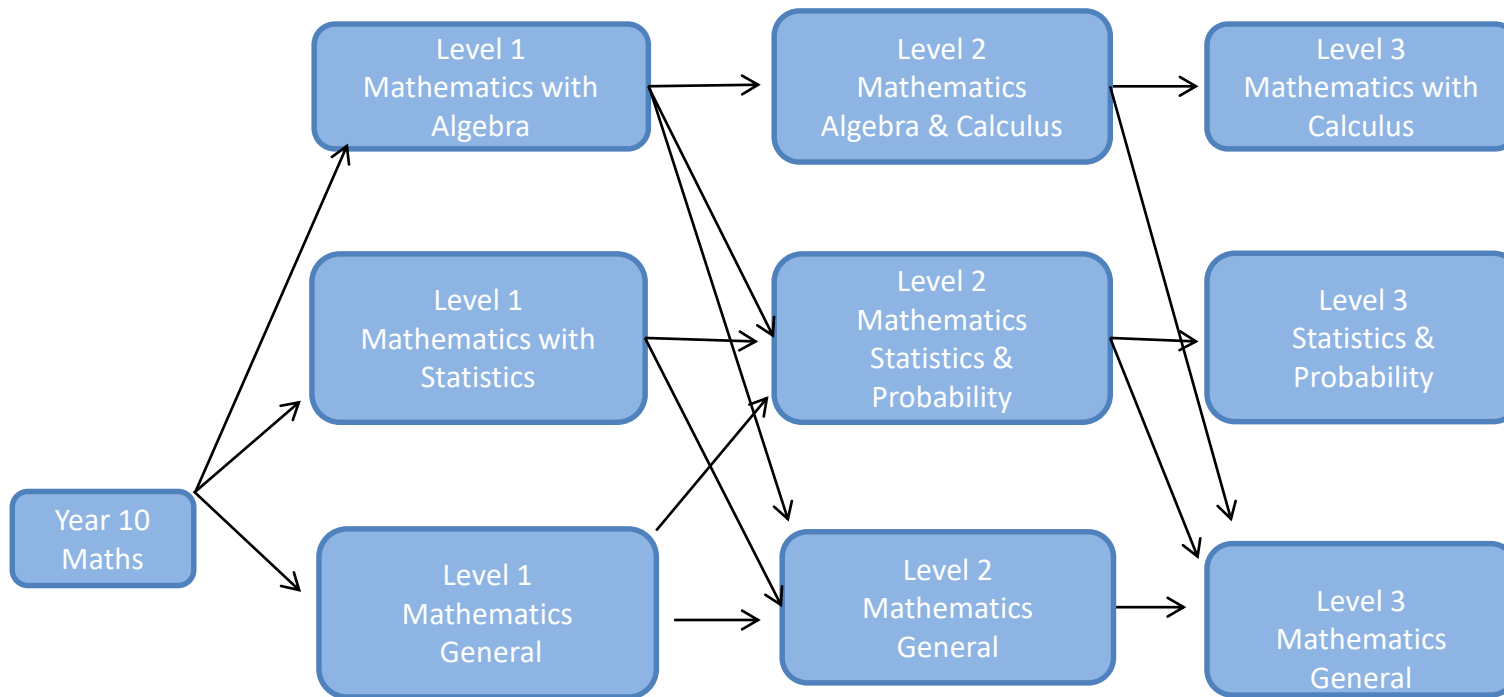


Possible Future Career Opportunities

- Trades
- Armed Forces
- Broadcaster
- Reporter
- Interpreter
- Training Consultant
- Librarian
- Curator
- Marketing Manager
- Communications
- Reviews
- Teacher
- Editor
- Lawyer
- Publisher

See career pages for further information

Mathematics



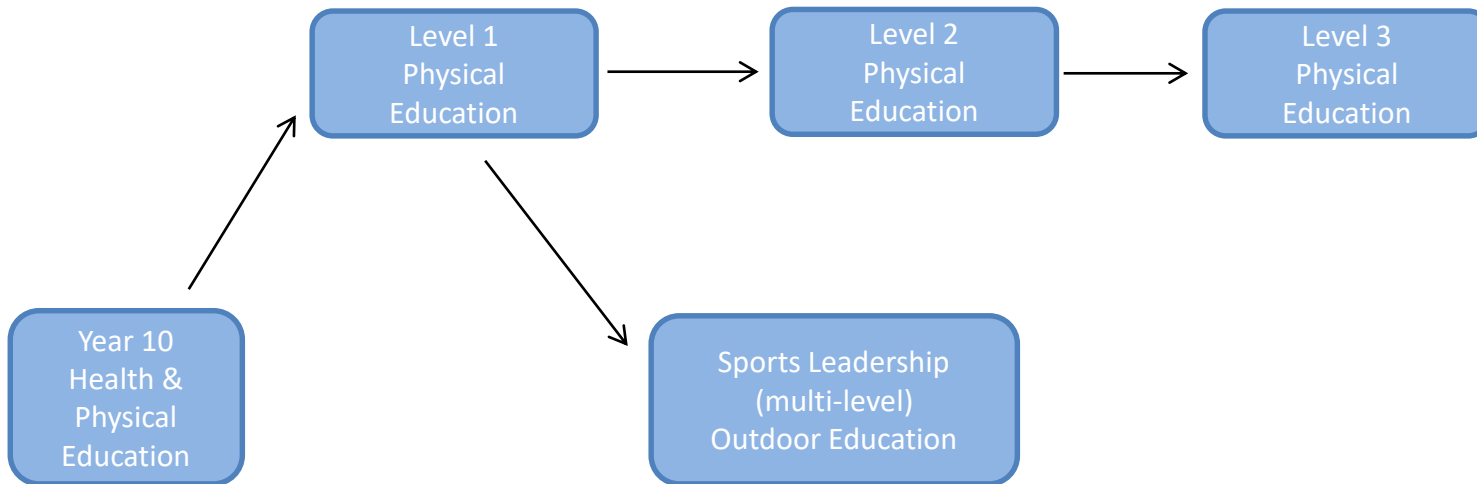
Possible Future Career Opportunities

With the explosion of digital data, the demand for Statisticians has increased dramatically in recent years. Statisticians are employed in: health science, medicine, finance, economics, social science, politics – anywhere where there is a need to make sense of data.

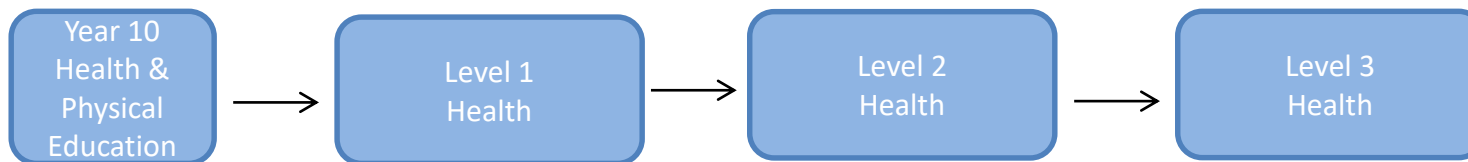
Calculus is used widely in all kinds of engineering (software, chemical, electrical, mechanical, aerospace) as well as physics, chemistry, biology, astronomy and finance.

See career pages for further information

Physical Education



Health

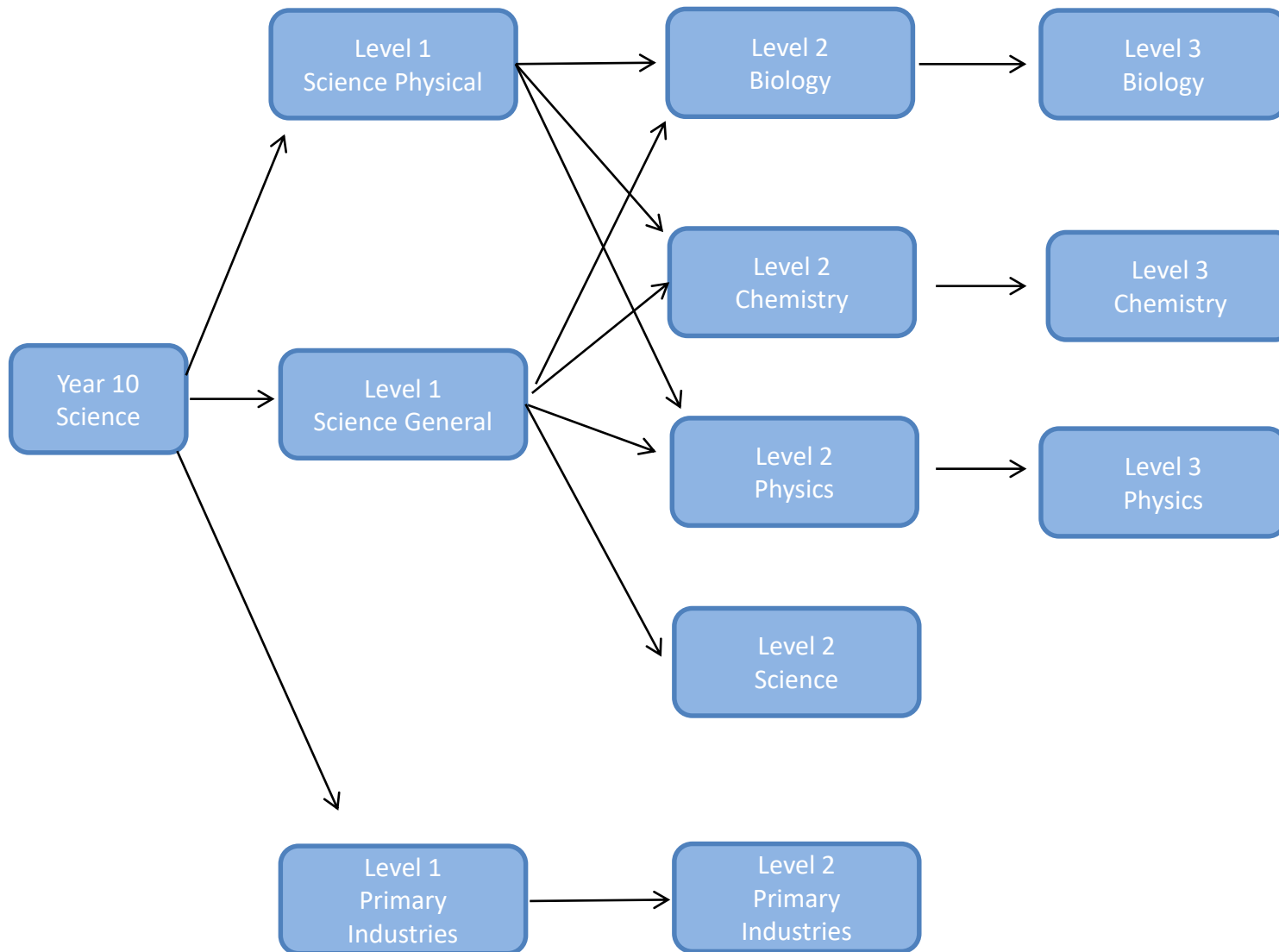


Possible Future Career Opportunities

Teaching
Fitness Industry
Sports Coaching
Sport & Recreation
Armed Forces
Police
Personal Trainer
Physiotherapist
Nurse
Public Health Nurse
Plunket/Childcare Worker
Obstetrician
Mental Health Worker
Physician

See career pages for further information

Sciences

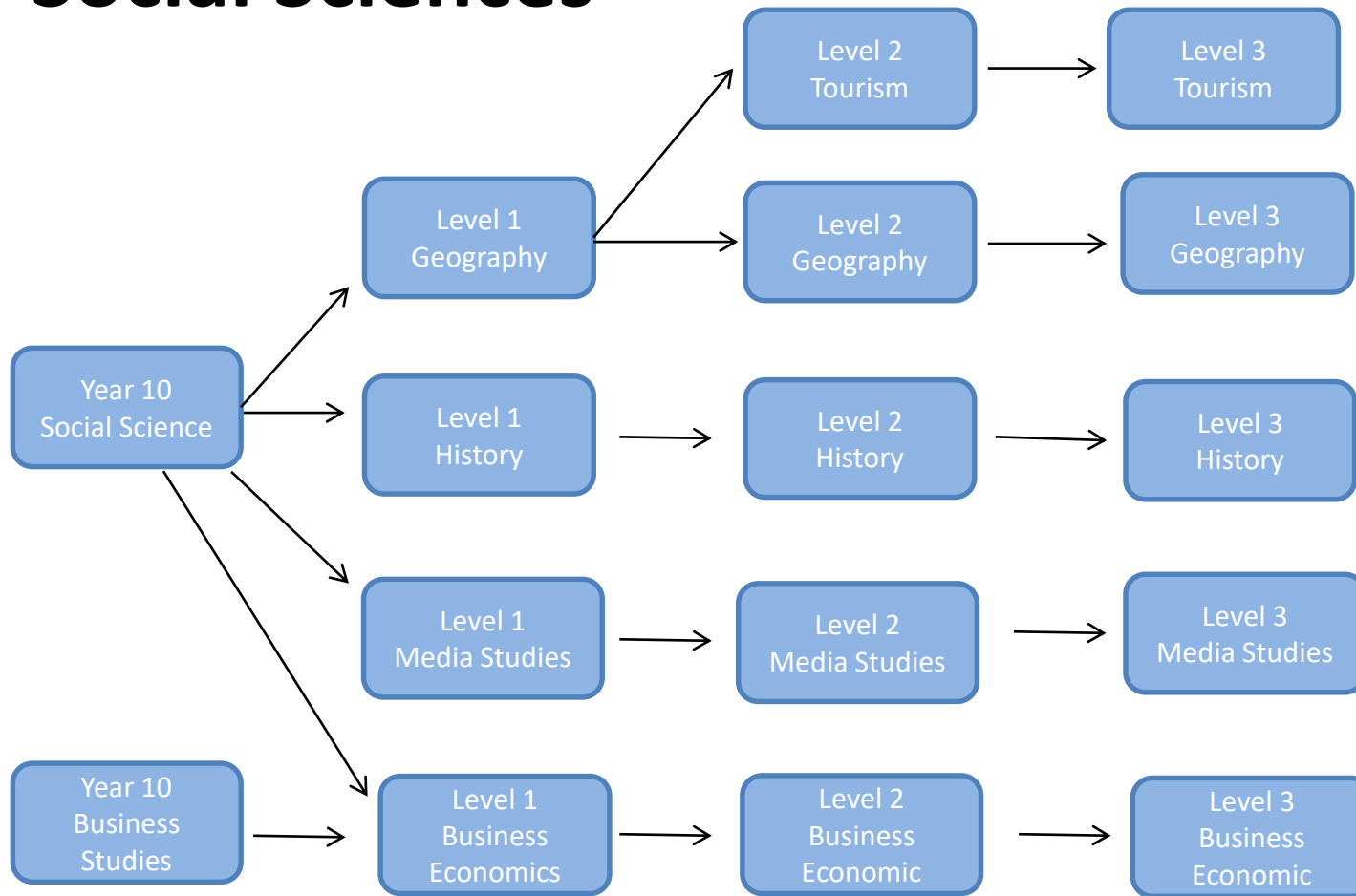


Possible Future Career Opportunities

Biology
 Medicine
 Nursing
 Technician
 Technologist
 Teaching
 Marine Biologist
 Zoologist
 Veterinarian/Vet Nurse
 Environmental Studies
 Chemistry
 Chemical Engineer
 Medicine
 Vet
 Pharmacist
 Bio-Chemist
 Industrial Chemist
 Forensic Scientist
 Physics
 Engineer
 Pilot
 Medicine
 Medicine
 Meteorology
 Geophysics
 Astronomy
 Medical Radiation Technician

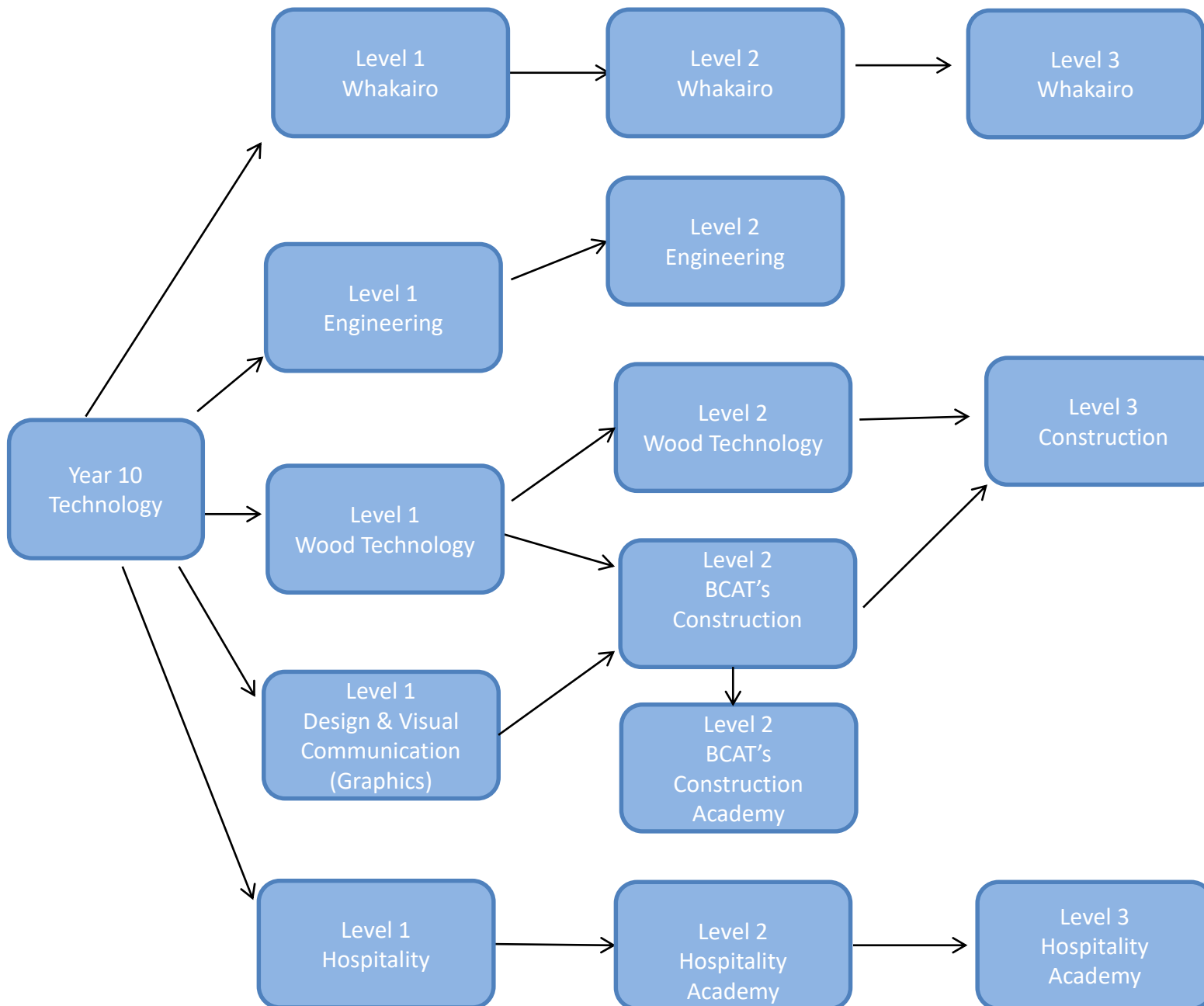
See career pages for further information

Social Sciences



- Possible Future Career Opportunities**
- Town Planner
 - Teaching
 - Demographer
 - Tourism Operator
 - Tourism Industry
 - Archaeologist
 - Anthropologist
 - Meteorologist
 - Policy Analyst
 - Resource Management
 - Diplomat \sociologist
 - Archivist
 - Journalist
 - Running your own Business
 - Contractor
 - Graphic Design
 - Social Media
 - Film Production
- See career pages for further information**

Technology



Possible Future Pathways

Hospitality
 Accommodation
 Services\Beverage
 Services\Food & Beverage
 Services
 Front Office
 Cookery
 Hospitality Management
 Construction
 All timer related trades e.g
 Carpenter
 Boat Builder
 Cabinet Maker
 Engineering
 Fitter Turner
 Automotive Engineering
 Composite Engineer\Marine
 Engineer
 Mechanical Engineer
 Wood Technology
 3D Product Designer
 Cabinet Maker
 Film and Theatre Prop
 Designer
 University (Technologist)

See career pages for further information

Year 10 subject Information

Year 9 students will be placed into Year 10 cores classes (English, Mathematics, Science, Social Science, Health and Physical Education) based on their individual learning needs.

Students will then select two optional subjects from the list below:

- Business Studies
- Design and Visual Communications (graphics)
- Digital Technology
- Drama
- Food Technology
- Green to Gold
- Hard Materials
- Japanese
- Magazine Design
- Music
- Te Reo Māori
- Visual Art

Not all Year 10 option subjects offered will necessarily run next year. This will depend on students' preferences as well as staff availability

Course Title	Year 10 English	Year 10 Mathematics	Year 10 Science
Entry	Students are placed in mixed ability classes	Students will be placed in an appropriate class depending on their achievement in Year 9.	Students will be placed in an appropriate class depending on their achievement in Year 9.
Course Description	<p>Students will develop their English skills through the study of:</p> <ul style="list-style-type: none"> • Extended text study • Close reading (formal & creative) • Response to text • Static images • Moving images • Creative film • Formal / Transactional writing • Review • Static Image presentation • Speech presentation 	<p>Students will develop their mathematical and statistical reasoning skills through the study of:</p> <ul style="list-style-type: none"> • Number and Algebra • Geometrical reasoning • Statistical Investigations • Probability <p>Students may be offered a selection of Level 1 NCEA standards as part of their programme</p>	<p>Developing scientific skills through investigation, reporting and evaluating study of:</p> <ul style="list-style-type: none"> • Atomic Science • Acids & Bases • Metallurgy • Electricity & Magnetism • Forces & Motion • Genetics & Evolution • Medical Science • Earth Science • Fuels & Climate Change <p>Students may be offered a selection of Level 1 NCEA standards as part of their programme.</p>
Contact	Mrs F. Maclennan	Mr C. Gill	Mr A. Thomas

Course Title	Year 10 Social Science	Year 10 Physical Education and Health
Entry	Students are placed in mixed ability classes	Students are placed in mixed ability classes
Course Description	<p>All students study:</p> <ul style="list-style-type: none"> • Treaties – focusing on Treaty of Waitangi • Sustainability – and the Future • World of Work – from choices and careers • Our Economic World – demand, supply, the involvement of the government in the N.Z economy and our economic challenges for the future <p>This will also include a Unit Standard on Health and Safety.</p> <p>Students may be offered a selection of Level 1 NCEA standards as part of their programme.</p>	<p>All students study:</p> <ul style="list-style-type: none"> • Athletics • Swimming • Ki-o-rahi • Basketball • Volleyball • Looking at interpersonal skills and effects on team performance • Generic invasion games and racquet sports • Minor games e.g. Unihoc, lacrosse • Leadership skills • Sexuality • Hauora • Illegal drugs • Digital safety
Contact	Mr W. Maclennan	Mr B. Alison

Course Title	Year 10 Business Studies	Year 10 Design & Visual Communications (Graphics)	Year 10 Digital Technology
Entry	No previous experience required.	No previous experience necessary	Any
Course Description	<ul style="list-style-type: none"> • What is/makes an entrepreneur • Resources and adding value • Marketing mix (4P's) • Market Day and Business Plan • Circular flow of income • Disputes Tribunal • Personal budgeting • Finance / Accounts basics 	This course prepares students to take NCEA Level 1 in Design and Visual Communications. Students will learn techniques in freehand sketching, rendering and computer aided design. Students will engage in the design process where they research design movements to incorporate into their work.	In Year 10 students cover a wide range of areas. As part of preparing for Media Studies, students learn how to develop websites, design their own graphics images and use desktop publishing software. As part of preparing for Programming and Computer Science, students learn to programme games using Scratch, and use Python to write simple programmes and create their own movie database.
Contact	Mrs R. Baker	Mr M. North	Mr M. North

Course Title	Year 10 Drama	Year 10 Food Technology	Year 10 Hard Materials Technology
Entry	Year 9 Drama is preferred but not essential. Students need to be aware there will be a lot of group work and some out of class rehearsal will be required.	Students should have achieved at the expected level in Year 9, as indicated in their subject report. Students need to be aware that half the lessons each week involve written work. They must also be prepared to bring the required ingredients to practical classes.	Students should have completed a Year 9 workshop based Technology course to a reasonable standard.
Course Description	<p>Drama enables us to understand ourselves, the people around us and the world in which we live. This course will give students opportunities to develop their confidence and creativity through performance and production.</p> <p>The units explore and develop:</p> <p>Character work: Create a character through a scripted production.</p> <p>Devising: Creating original work using drama processes.</p> <p>Acting Techniques: Explore acting techniques across a range of theatrical styles such as screen acting, melodrama, realism. Comedia dell'arte with mask making.</p> <p>Production: Carry out a production role. E.g. Lighting, Sound, Stage Management, Costume, Make-up</p> <p>Stage craft: Creating a set/prop making (groups). Learning lighting basics, lighting a play, planning lighting.</p>	<p>This course is designed to prepare students for NCEA Level 1 Hospitality. Students will complete a National Certificate course through HETTANZ specifically designed for this year group. Each week will include practical foods work in addition to research, planning and knowledge based activities. Topics covered will include food safety, nutrition, specific food studies, and produce development and promotion.</p> <p>There will be a fee to cover the cost of materials used by the student on this course.</p>	<p>This is a full year course with time spent in both Wood based and Metal based workshops. Students will be in a position to increase their skills, theory and related studies to prepare themselves for Year 11.</p> <p>There will be a fee to cover the cost of materials used by the student on this course.</p>

Course Title	Year 10 Japanese	Year 10 Music	Year 10 Te Reo Māori
Entry	Open	Some ability to play an instrument is desirable. Students will need to develop skills on one instrument in order to meet the solo and group performance criteria in the course. Students will benefit from regular lessons/practice on their main performance instrument through the itinerant music programme or outside the school.	No previous experience required although taking Te Reo in Year 9 would be preferable.
Course Description	<p>This is a year-long introductory course which focuses on both language and culture.</p> <p>Topics may include:</p> <ul style="list-style-type: none"> • Greetings • Numbers 0-100 • Likes and dislikes • Making requests • Home, School, Time • Interpersonal relationships • Descriptions • Feelings • Invitations • Location • Past present & future • Food, visit a restaurant • Festivals and sports • For students continuing from Year 9 Japanese we will build on these foundations • Preparing you for NCEA Level 1 Japanese <p>Leads to possible Japan trip or exchange</p>	<ul style="list-style-type: none"> • Perform as a soloist and as a member of a group • Compose music • Develop aural (listening) skills • Analyse music scores <p>Students are encouraged to be involved in or organise their own extra-curricular music related activities. For example – Olla Podriga and other musical events on the school calendar.</p>	<p>As part of the new NCEA qualifications there are now credits offered for work in Year 10 Māori Performing Arts. The language modes of korero (speaking), tuhituhi (writing), matakitaki (viewing) and whakaatu (presenting) are used to both learn and assess, to enable the student to access a broader understanding of the Māori language and culture also.</p> <p>Topics Covered</p> <ul style="list-style-type: none"> • The teenage world • Tāmoko • Sports and recreation <p>Active sentences</p>
Contact	Ms H. McDonnell	Mr F. Murphy	Mrs R. Clist

Course Title	Year 10 Visual Art	Year 10 Green to Gold	Year 10 Magazine Design
Entry	This option may be taken by any student who has shown a reasonable aptitude and interest in Visual Arts during Year 9. Year 10 Art is <u>strongly advised</u> for those students wishing to continue with art to senior levels.	This course is about sustainability in the agricultural industry. It is open to all students. It has theory and practical components.	This is a project-based learning course. Students will look at designing the school yearbook to be a sustainable, high quality product that engages our community (students and beyond). It is open to all students.
Course Description	Year 10 Art consists of theory and practical work. Students will learn about a variety of art styles and artists, their techniques and processes. This will enable students to produce practical works of their own. Learning will be done through a series of classroom projects and homework tasks.	Students will identify different methods of sustainability. They will gain an understanding of how the agriculture industry operates and understand what sustainability means both economically and environmentally.	Students will work together as a team to produce the school yearbook 2020. It will include photographic grid assessment and feature spread assessment. It covers art, English and technology curriculum areas.
Contact	Mrs R. Clist	Mr M. Troost	Mrs T. Christie

Level 1 Subject Information

English is compulsory for all Year 11 students.

Students are placed into NCEA level 1 English classes based on their Year 10 results.

- L1ENGA (English - Academic) is an academic programme based on Achievement Standards, which are all taught to the excellence standard. This course prepares students for tertiary study in the future.
- L1ENGL (English Literacy) is a practical English course, assessed by way of selected Unit Standards. This course prepares students for the demands of the workforce.

Mathematics is compulsory for all Year 11 students.

Students are placed into NCEA level 1 Mathematics classes based on their Year 10 results.

- L1MATA (Mathematics with Algebra) is an academic programme based on Achievement Standards, which are all taught to the excellence standard. This class moves at a fast pace and prepares students for Level 2 Mathematics with Algebra or Statistics.
- L1MATS (Mathematics with Statistics) is based on Achievement Standards. All Achievement Standards are taught to Achieved/Merit standard with a strong emphasis on the basics. This course prepares students for Level 2 Mathematics with Statistics.
- L1MATG (Mathematics General) is an achievement standard course that allows students to achieve the numeracy requirements for NCEA Level 1.

Science is compulsory for all Year 11 students.

Students are placed into NCEA level 1 Science classes based on their Year 10 results.

- L1SCIP (Physical Science) is an academic programme based on Achievement Standards, which are all taught to the excellence standard. This course prepares students for Level 2 Biology, Chemistry or Physics.
- L1SCIG (General Science) is based on Achievement Standards. All Achievement Standards are taught to Achieved/Merit standard with a strong emphasis on the basics. This course prepares students for Level 2 science.
- L1PRIM (Primary Industries) is an academy course and entry is by interview only.

SIX SUBJECTS

All Year 11 students will study six subjects – English, Mathematics, Science and three other option subjects. The subjects available are found in the Subject Information section in this Course Directory handbook.

Please Note: Problems arise each year when students select inappropriate options and find after a month or so later that they cannot cope. Some students limit their career opportunities by making poor choices. Please ensure that your choice of options is matched to your ability to achieve in that subject – ask your class teachers and/or whānau teacher if you are in any doubt.

Course Title	Level 1 English Academic	Level 1 English Literacy
Entry	Determined by work ethic and achievement in Year 10 at level 5 of the NZ Curriculum, or by approval from HELA.	Determined by work ethic and achievement in Year 10 at or below level 4 of the NZ Curriculum, or by approval from HELA.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 13 credits internally assessed • 8 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 19 credits internally assessed
Content	<ul style="list-style-type: none"> • Wide reading • Formal writing • Creative writing • Formal speech • Language • Research • Literature study – film • Literature study - novel 	<ul style="list-style-type: none"> • Reading • Viewing – moving and static images • Listening • Formal writing • Creative writing • Static image production
Contact	Mrs F. Maclennan	Mrs F. Maclennan

Course Title	Level 1 Mathematics with Algebra	Level 1 Mathematics with Statistics	Level 1 Mathematics General
Entry	Working at level 5 of NZC or approval from HELA.	Working at level 5 of NZC or approval from HELA.	Working at level 4 of NZC
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 21 credits 	By Achievement Standards <ul style="list-style-type: none"> • 23 credits 	By Achievement Standards <ul style="list-style-type: none"> • 16 credits
Content	<ul style="list-style-type: none"> • Algebraic methods • Geometric Reasoning • Linear algebra • Trigonometry • Statistical investigations • Chance and Data 	<ul style="list-style-type: none"> • Numerical reasoning • Linear algebra • Trigonometry • Statistical investigations • Probability • Chance and Data • Measurement 	<ul style="list-style-type: none"> • Numerical Reasoning • Statistical Investigation • Measurement • Linear – Algebra • Probability
Enquiries	Mr C. Gill		

Course Title	Level 1 Science Physical	Level 1 Science General
Entry	Approval from HELA based on Year 10 results.	Approval from HELA based on Year 10 results.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 16 credits externally assessed • 8 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 18 credits internally assessed
Content	Developing scientific skills through conducting investigations and research and writing reports. Study of: <ul style="list-style-type: none"> • Practical Investigation • Acid & Bases • Mechanics • Electricity and Magnetism • Carbon Chemistry • Physiology 	Developing scientific skills through conducting investigation and reporting. Study of: <ul style="list-style-type: none"> • Physics Investigation • Metals • Biological Genetics • Bio Physiology • Applied Physics
Enquiries	Mr A. Thomas	

Course Title	Level 1 Business Economics	Level 1 Design & Visual Communication (Graphics)	Level 1 Drama
Entry	Open	Successful completion of Year a 10 technology option as determined by their teacher. Those who did design & visual technology will be given priority.	Achievement at curriculum Level 5+ in Year 10 Drama, experience in stagecraft or HELA approval.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> 13 credits internally assessed 7 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> 16 credits internally assessed 4 credit externally assessed Qualifies for course endorsement	By Achievement Standards (production unit standards are also available in negotiation alongside performance credits) <ul style="list-style-type: none"> 8 credits externally assessed 13 credits assessed internally
Content	<ul style="list-style-type: none"> Demonstrate understanding of the marketing mix Carry out and review a business plan Consumer choices and demand Producer choices using supply Government choice and affected groups 	<p>Students are required to create a portfolio of evidence demonstrating the following skills and knowledge:</p> <ul style="list-style-type: none"> Research and the design process Free hand sketching Instrumental drawing Colour rendering Presentation Mock-up and models Computer Modelling <p>There will be a fee to cover the cost of materials used by the student on this course.</p>	<ul style="list-style-type: none"> Apply drama techniques in a scripted context Devise and perform a drama to realise an intention. Discuss a drama or theatre form or period with reference to a text. Use complex performance skills associated with a drama or theatre form or period. Perform a substantial acting role in a scripted production. Discuss drama elements, techniques, conventions and technologies within live performance. Apply skills in production such as make-up, assistant stage management, prop-making, lighting, sound, costume Live Performance trip. (Year 10s could be included in theatre trip) Performance will link to exam stage/set/technology
Contact	Mrs R. Baker	Mr M. North	Mrs R. Clist

Course Title	Level 1 Engineering (Mechanical)	Level 1 Geography	Level 1 Health
Entry	Successful completion of a Year 10 technology option or by interview with HELA.	Open	Successful completion of Year 10 Health
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	Industry standards competency based <ul style="list-style-type: none"> • 20 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 13 credits internally assessed • 8 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 16 credits internally assessed • 4 credits externally assessed
Content	Students need to complete theory booklets and practical projects demonstrating the following: <ul style="list-style-type: none"> • Knowledge of safety procedures in mechanical engineering • Basic engineering workshop skills • Simple measuring • Ability to select, use and care for engineering hand tools, marking out equipment and dimensional measuring equipment. • Automotive activities <p>There will be a fee to cover the cost of materials used by the student on this course.</p>	<ul style="list-style-type: none"> • Extreme natural events (volcanic eruptions or tropical cyclones) • Sustainable use of an environment focusing on tourism at the Poor Knights Islands • Skills – mapping, graphing and valuing • Direct research • Contemporary issues • Global study <p>There will be 1-2 local field trips, but the only compulsory trip costs around \$5</p>	Students will <ul style="list-style-type: none"> • Take action to improve/change personal wellbeing • Demonstrate understanding of interpersonal skills • Describe strategies for making health enhancing decisions in drug related situations • Demonstrate strategies for promoting positive sexuality • Demonstrate understanding of ways in which well-being can change
Contact	Mr M. North	Mr W. MacLennan	Mr B. Alison

Course Title	Level 1 History	Level 1 Hospitality	Level 1 Media Studies
Entry	Successful completion of Year 10 Social Science or English. (History does require a reasonable level of confidence with reading and writing in order to be successful) or HELA approval.	Successful completion of a Year 10 technology option as determined by their teacher. Those who did food technology will be given priority. Otherwise an interview will be required with the teacher in charge.	Successful completion of Year 10 English, as determined by their teacher.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 12 credits internally assessed • 8 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 24 credits 	By Achievement Standards <ul style="list-style-type: none"> • 18 credits internally assessed • 4 credits externally assessed
Content	The first half of the course is spent researching and writing about topics relating to New Zealand history. Each student chooses a topic reflective of their own interests. The second half of the course explores the events surrounding a key event in history. Assessments focus on developing the following skills: <ul style="list-style-type: none"> • Using research methods to find useful information about topics • Presenting that research in written form • Interpreting evidence to help us understand historical topics • Understanding how different people view events differently • Understanding the causes and consequences of a key event 	Students will work primarily from workbooks designed by Service IQ. There will be written and practical assessments to show competency in the following skills in a workplace setting: <ul style="list-style-type: none"> • Career pathways in the Hospitality Industry • Food handling • Care and use of knives • Prepare and present meat • Prepare & present fruit & vegetables • Prepare & present egg & cheese dishes <p>There will be a fee to cover the cost of materials used by the student on this course. Students will be required to bring some ingredients from home.</p>	This course involves the design and production of a media product (short film or editorial magazine) through the study of genre, for a target audience. Students analyse media texts and write a media portfolio. <ul style="list-style-type: none"> • Demonstrate understanding of selected elements of media text(s) • Demonstrate understanding of characteristics of media genre • Produce a design and plan for a media product using a specified range of conventions • Write media texts for a specific target audience • Complete a media product using a specified range of conventions, from a design and plan
Contact	Ms A. Bosch	Mrs M. Hagerty	Mrs T. Christie

Course Title	Level 1 Music	Level 1 Physical Education	Level 1 Primary Industries Trade Academy
Entry	Completion of Year 10 Music with Achieved gained in Solo and Group performances desirable. Otherwise an audition on primary performance instrument is required OR HELA approval.	Good participation in Physical Education in Years 9 and 10. Demonstration of Ellison's model, clear understanding of movement skills and good attitude to learning, or HELA Approval.	Students can apply or be invited to join this class. Students must be keen to work safely in their gardens at school. Students should be interested in working in horticulture, agriculture, forestry or fishing industries.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	Each student completes an individual programme which consists of a combination of Achievement Standards and or Unit Standards.	By Achievement Standards <ul style="list-style-type: none"> • 20 credits internally assessed 	By Unit Standards <ul style="list-style-type: none"> • 25 credits internally assessed
Content	<ul style="list-style-type: none"> • Performs to an audience as an individual and in a group • Compose music • Learn the fundamentals of music • Develop aural skills • Develop understanding of music scores 	<ul style="list-style-type: none"> • Safe practice in sport • Anatomy • Biomechanics – how the body moves • Exercise physiology – the body's response to exercise • Analysing sports performance • Practical performance • Strategies for improving personal performance • Demonstrate self-management strategies • Taking purposeful action to help others participate in sporting activities 	<p>This course suits students who like to learn by “doing”.</p> <p>Students will develop the knowledge and practical skills to:</p> <ul style="list-style-type: none"> • Produce a garden to provide food • Find out what jobs are available in the primary industries • Find out how hydration and nutrition affect your work • Understand nursery plant media • Understand how plants work • Learn about soils • Understand about “Clean Green NZ” ways to farm. <p>The aim is to continue next year and complete a NZ Certificate in Primary Industries Level 2</p>
Contact	Mr F. Murphy	Mr B. Alison	Mr M. Troost

Course Title	Level 1 Te Reo Māori and Māori Performing Arts	Level 1 Visual Art	Level 1 Whakairo
Entry	Year 10 option completion or approval from HELA.	It is beneficial but not compulsory for students to have completed Year 10 Art. Over prescribed classes or students new to this subject will require a competence test and Year 10 attainment will also be considered.	HELA Approval
Qualification	NCEA Level 1, working towards Te Waharoa National Certificate in Field Māori	NCEA Level 1	1 NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 12 credits internally assessed • 12 credits externally assessed By Unit Standards <ul style="list-style-type: none"> • 6 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 10 credits internally assessed • 12 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 20 credits internally assessed
Content	Developing conversational, writing, performance skills and an understanding of tikanga Māori through the study of the topics relating directly to students and their immediate surroundings and experiences.	<ul style="list-style-type: none"> • Drawing from subject matter in a range of wet and dry media • Painting • Printmaking • Using artist models • Developing ideas • Decision making • Produce a two panel folio board of works in a variety of media 	Each student will demonstrate knowledge of carving by looking at examples and designing their own to reflect their pepeha. They will investigate the meanings of different designs by looking at other images and objects. They will learn about customary practices and associated Tikanga. Projects: <ul style="list-style-type: none"> • Carved pattern board • Taiaha • Hoe • Christmas presents
Contact	Mrs R. Clist	Mrs R. Clist	Ms J. Simmonds

Course Title	Level 1 Wood Technology	
Entry	Successful completion of a Year 10 technology option as determined by their teacher. Those who did wood/metal technology will be given priority.	
Qualification	Credit towards National Certificate in Building, Construction & Allied Trades Level 1 NCEA Level 1	
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 16 credits internally assessed • Option of additional external standards for course endorsement • By Unit Standards 4 credits internally assessed 	
Content	Students are expected to build a portfolio showing documented evidence of a project covering: <ul style="list-style-type: none"> • Safe working practices & health and safety in the workplace • Basic procedures using building materials • Investigation an issue and writing a brief • Knowledge and use of hardware and fastenings • Knowledge and use of wood working joints • Developing a conceptual design to meet a brief <p>There will be a fee to cover the cost of materials used by the student on this course.</p>	
Contact	Mr M. North	

Level 2 Subject Information

All Year 12 students are advised to study a course in English

There are three distinct Level 2 courses and students can select one of these, depending on their Level 1 results.

- L2ENGC (English for Creatives)
- L2ENGM (English for Media)
- L2ENGE (English for Enterprise)

All Year 12 students are advised to study a course in Mathematics

There are three distinct Level 2 courses and students can select one or two of these courses, depending on their Level 1 results.

- L2MATA (Mathematics with Algebra & Calculus).
- L2MATS (Mathematics with Statistics).
- L2MATG (General Mathematics)

All Year 12 students are advised to study a course in Science

There are three distinct Level 2 courses and students can select one, two or all of these courses, depending on their Level 1 results.

- L2PHYS (Physics).
- L2CHEM (Chemistry).
- L2BIOL (Biology)
- L2SCIE (Science)

SIX SUBJECTS

All Year 12 students will study 6 subjects. The subjects available are found in the Subject Information section in this Course Directory handbook.

A Year 12 programme of study could include:

- Six options all at NCEA Level 2
- Five options, most at NCEA Level 2 and some at NCEA Level 3
- Five options, most at NCEA Level 2 and some at NCEA Level 1

Students will need to consider the following when choosing their course of study in Year 12

- Academic achievement and ability
- Educational goals and career aspirations

Course Title	Level 2 English for Creatives	Level 2 English for Media	Level 2 English for Enterprise
Entry	Entry 14 credits in Level 1 English including external credits or approval from HELA.	Entry 14 credits in Level 1 English including external credits or approval from HELA.	No prerequisite. Recommended for students who struggled at Level 1 English.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 14 credits internally assessed • 8 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 14 credits internally assessed • 8 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 18 credits internally assessed <p>Achievement Standards may be offered at teacher's discretion</p>
Content	<ul style="list-style-type: none"> • Produce a selection of crafted writing • Personal responses to texts • Analyse connections between texts • Literature analysis • Analyse aspects of unfamiliar text 	<ul style="list-style-type: none"> • Produce a crafted and controlled visual text • Close viewing of film • Oral presentation • Demonstrate information literacy skills • Film and literature analysis 	<ul style="list-style-type: none"> • Use graphics in communication • Write a short report • Participate in an informal meeting • Write business correspondence • Formal interview • Communicate information in a workplace
Contact	Mrs F. Maclennan	Mrs F. Maclennan	Mrs F. Maclennan

Course Title	Level 2 Mathematics with Algebra & Calculus	Level 2 Mathematics – General	Level 2 Mathematics with Statistics
Entry	14 Level 1 credits from Achievement Standards including 91027 & 91029 – which must be at Merit level; or at HELA’s discretion.	14 Level 1 credits from Achievement Standards including 91026 or at HELA’s discretion.	14 Level 1 credits from Achievement Standards including two at Merit level from 91036, 91037, 91027, 91038 or at HELA’s discretion. Students must also have met Level 1 Literacy requirements.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 20 credits 	By Achievement Standards <ul style="list-style-type: none"> • 19 credits 	By Achievement Standards <ul style="list-style-type: none"> • 18 credits
Content	<ul style="list-style-type: none"> • Coordinate Geometry • Graphical Methods • Trigonometric Relationships • Algebraic Methods • Calculus Methods • Systems of Equations 	<ul style="list-style-type: none"> • Coordinate Geometry • Networks • Graphical Methods • Sequences and Series • Probability • Systems of Equations • Trigonometry 	<ul style="list-style-type: none"> • Questionnaire Design • Statistical Inference • Statistical Experiments • Statistical Reports • Probability Methods • Simulation
Contact	Mr C. Gill	Mr C. Gill	Mr C. Gill

Course Title	Level 2 Biology	Level 2 Business Economics	Level 2 Chemistry
Entry	Achieved or better in at least 4 Level 1 Science Standards, 2 or more in biology.	Achieved or better in at least 14 credits from level 1 Business Economics, or at the discretion of the HELA	Achieved or better in at least 4 Level 1 Science Standards, 2 or more in Chemistry.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 10 credits internally assessed • 12 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 15 credits internally assessed • 8 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 10 credits internally assessed • 13 credits externally assessed
Content	<ul style="list-style-type: none"> • Cellular structure and functions • Gene expression • Gene variation • Biological investigation • Biological Research 	<ul style="list-style-type: none"> • Economic growth • Inflation • Government Policies • Business Activity 	<ul style="list-style-type: none"> • Structure, bonding and energy • Redox chemistry • Organic chemistry • Chemical reactivity • Titrations • Chemical Identification
Contact	Mr A. Thomas	Mrs R. Baker	Mr A. Thomas

Course Title	Level 2 Construction (Year 1)	Level 2 Construction (Year 2)	Level 2 Construction & Whakairo Academy
Entry	Successful completion of US24352, plus any 3 of 24355, 24356, 25910, 25920. Students without 24352 will be placed on contract. Students who have not attempted these standards (did a different technology) must have a positive testimonial from their previous technology teacher.	Successful completion of Construction Year 1 and a proven ability to work independently.	Successful completion of Level 1 Wood Technology, Level 1 Engineering. Students who have not completed these courses or are presently Year 10's can apply and discuss their options with Mr North
Qualification	Credits towards: National Certificate in Building Construction & Allied Trades Level 2 NCEA Level 2.	Credits towards: National Certificate in Building, Construction & Allied Trades – Advanced (students will have the opportunity to gain this certificate if this is their second year). NCEA Level 2	National Certificate in Building Construction & Allied Trade Skills. <ul style="list-style-type: none"> • 40 Level 2 Unit Standard credits through B Constructive • 20 Unit Standard credits in Whakairo Level 2/3
Assessment	Unit Standards. A range of theory and unit standards assessments totalling 20 throughout the year.	Unit Standards Standards taken from BCATs course dependent upon what the student has successfully completed in Year 1 of the course to gain the full certificate. 40 credits are needed for the full certificate	A range of theory and practical based Unit Standard assessments
Content	Students are expected to build a portfolio showing documented evidence of 2-3 projects covering: <ul style="list-style-type: none"> • Safe working practices and health & safety in the workplace • Construction hand tools • Industry knowledge • Timber and material • Make cupboard, shelves, tables • Plans and specifications • Power tools • Quality checks • Communications <p>There will be a fee to cover the cost of materials used by the student on this course</p>	Students are expected to build a portfolio showing documented evidence of 2-3 projects covering: <ul style="list-style-type: none"> • Safe working practices and health & safety in the workplace • Construction hand tools • Industry knowledge • Timber and material • Outdoor furniture • Plans and specifications • Power tools • Quality checks <p>There will be a fee to cover the cost of materials used by the student on this course</p>	For the National Certificate in Building & Construction, students will build 5 practical projects that reinforce the theory units: <ul style="list-style-type: none"> • Safe working practices and health and safety in the work place • Construction hand tools • Timber and materials • Outdoor furniture • Plans & Specifications • Power tools • Quality checks • Communication • Mathematics in the building industry <p>For Whakairo students will learn a range of Maori carving techniques and designs. They will also learn about correct customary practices and understanding historical events</p>
Contact	Mr M. North	Mr M. North	Mr M. North

Course Title	Level 2 Drama	Level 2 Engineering	Level 2 Geography
Entry	14 credits in Level 1 Drama, experience in stagecraft or HELA approval.	Successful completion of Year 11 Engineering or by HELA approval successful completion of year 1 to progress to year 2.	11 credits in Level 1 Geography or HELA approval.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards (production unit standards are also available in negotiation, alongside performance credits) <ul style="list-style-type: none"> • 8 credits externally assessed • Up to 18 credits internally assessed 	Industry standards competency based <ul style="list-style-type: none"> • 18 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 14 credits internally assessed • 8 credits externally assessed
Content	<ul style="list-style-type: none"> • Apply drama techniques in a scripted context. • Devise and perform a drama to realise an intention. • Discuss a drama or theatre form or period with reference to a text. • Use complex performance skills associated with a drama or theatre form or period. • Perform a substantial acting role in a scripted production • Discuss drama elements, techniques, conventions and technologies within live performance • Apply skills in production such as make-up, stage management, set design, lighting, sound, costume 	<p>Students need to complete theory booklets and practical project demonstrating the following:</p> <ul style="list-style-type: none"> • Knowledge of safety procedures in mechanical engineering • Ability to select, use and care for engineering hand tools, marking out equipment and dimensional measuring equipment • Fabrication • Ability to draw and interpret engineering sketches • Throughout the year students will follow plans to build a mini motorbike <p>There will be a fee to cover the cost of materials used by the student on this course</p>	<ul style="list-style-type: none"> • Differences in Development - Tanzania • Skills – mapping, graphing and valuing • Global Issue • Urban Studies – Whangarei CBD and CSI Chicago • Contemporary Issues
Contact	Mrs R. Clist	Mr M. North	Mr W. Maclennan

Course Title	Level 2 Health	Level 2 History	Level 2 Hospitality
Entry	14 credits at Level 1 Physical Education or Level 1 Health or HELA approval.	Successful completion of Level 1 History, or HELA approval. (Note: History does require some confidence with reading and writing in order to be successful)	Priority will be given to students that have gained 14 credits in Level 1 Hospitality, or at the discretion of the HELA.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 15 credits internally assessed • 5 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 14 credits internally assessed • 9 credits externally assessed 	By Unit standards <ul style="list-style-type: none"> • 24 credits
Content	<ul style="list-style-type: none"> • Analyse an adolescent health issue • Evaluate factors that influence people's ability to manage change • Take action to enhance an aspect of people's wellbeing within the school or wider community • Analyse issues related to sexuality and gender to develop strategies for addressing the issues 	<p>The first half of the course is spent researching and writing about topics relating to New Zealand History. Each student chooses a topic reflective of their own interests. The second half of the course explores the events surrounding a key event in History</p> <p>Assessments focus on developing the following skills:</p> <ul style="list-style-type: none"> • Using research methods to find useful information about topics • Presenting that research in written form • Interpreting evidence to help us understand historical topics • Understanding how different people view events differently • Understanding the causes and consequences of a key event 	<p>Students will work in partnership with MIT in Auckland and from workbooks designed by Service IQ. There will be written and practical assessments to show competency in the following skills in a workplace setting:</p> <ul style="list-style-type: none"> • Food Safety • Care and use of knives • Prepare and cook food by grilling • Prepare & present salads for service • Prepare fruit & vegetables • Prepare & present basic sandwiches • Cook food by baking • International cooking • Barista <p>There will be a fee to cover the cost of materials used by the student on this course. Students will be required to bring some ingredients from home</p>
Contact	Mr B. Alison	Ms A. Bosch	Mrs M. Hagerty

Course Title	Level 2 Media Studies	Level 2 Music	Level 2 Photography
Entry	Students must have a sound understanding of English and good results in this subject. It is recommended they have completed Level 1 Media Studies	14 credits in Level 1 Music or approval from HELA if Level 1 music was not taken.	Pre-requisite Level 1 English. Level 1 credit attainment will be considered if the class becomes over subscribed.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 19 credits internally assessed • 4 credits externally assessed 	Each student completes an individual programme which consists of a combination of Achievement standards and Unit Standards.	By Achievement Standards <ul style="list-style-type: none"> • 8-12 credits internally assessed • 12 credits externally assessed
Content	The course involves the design and production of a media product (short film or editorial magazine) through the study of genre, for a target audience. Students analyse media texts and write a media portfolio. <ul style="list-style-type: none"> • Demonstrate understanding of narrative in media text • Demonstrate understanding of representation in the media • Demonstrate understanding of an aspect of media genre • Produce a design and plan for a developed media product, using a range of conventions • Write developed media text for a specific target audience • Complete a develop media product from a design and plan a range of media conventions 	<ul style="list-style-type: none"> • Perform to an audience as an individual and in a group • Compose music • Develop aural skills • Study music scores 	<ul style="list-style-type: none"> • Use drawing methods to apply knowledge of conventions appropriate to photography • Develop ideas in a related series of drawings appropriate to established photography practice • Demonstrate an understanding of methods and ideas for established practice appropriate to photography • Produce a systematic body of work that shows understanding of art making conventions and ideas within photography
Contact	Mrs T. Christie	Mr F. Murphy	Mrs R. Clist

Course Title	Level 2 Physical Education	Level 2 Physics	Level 2 Primary Industries Trade Academy Level 2
Entry	14 credits at Level 1 or HELA approval	Achieved or better in at least 4 Level 1 Science Standards, 2 or more in Physics	Student can apply or be invited to join this class after a successful completion of Level 1 Primary Industries Academy or by showing a keen interest in working in the primary industry sector. Students need to be able to work sensibly and safely in practical situations in the garden or in work situations.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 19 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 7 credits internally assessed • 16 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 40 credits internally assessed
Content	<ul style="list-style-type: none"> • Methods and principles of training • Functional anatomy and biomechanics • Skill learning and psychological skills • Safe practice in outdoor activity • Leadership skills in groups and teams 	<ul style="list-style-type: none"> • Practical physics – experimental techniques • Waves, light and optics • Forces and motion • Electricity and electromagnetism • Nuclear Physics 	Students will have the opportunity to develop practical skills and knowledge through work experience and a classroom programme that will be partly designed around their career choice. Students can spend up to 2 days a week in the work place where they will be expected to gain on the job credits. They can try more than 1 workplace. This programme will contain at least 40 credits at level 2. The aim is to achieve the Certificate Level 2 in any of the following options – Horticulture/Dairy Farming/Equine/Livestock Farming
Contact	Mr B. Alison	Mr A. Thomas	Mr M. Troost

Course Title	Level 2 Science	Level 2 Sports Leadership	Level 2 Te Reo Māori and Performing Arts
Entry	14 credits in Science or approval by HELA. This is a more vocationally focused science course	11 Credits in Physical Education or HELA approval.	At least 14 credits gained in Level 1 Te Reo Māori
Qualification	NCEA Level 2	NCEA Levels 1, 2 & 3	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 19 credits internally assessed 	Internally assessed by Otamatea High School or by outside providers. By Unit Standards minimum of 27 credits.	By Achievement Standards <ul style="list-style-type: none"> • 10 credits internally assessed • 14 credits externally assessed By Unit Standards <ul style="list-style-type: none"> • 12 credits internally assessed
Content	<ul style="list-style-type: none"> • Practical Physics – experimental technicians • Physics of an application • Investigate how organisms survive in an extreme environment • Investigate geological processes • Identify unknown chemicals 	<ul style="list-style-type: none"> • Plan implement and evaluate Kaiwaka Sports Day • Demonstrate knowledge and skills in camping, tramping, navigation orienteering and weather reading • Mountain biking • R Tucker Thompson sailing adventure (there is a fee for this course) • Exercise prescription in resistance training • High ropes • Orienteering • OPC Tongariro (there is a fee for this course) 	Further developing conversational, formal speaking, writing, performance skills and an increased understanding of tikanga Māori through the study of the topics, events of relating to National significance.
Contact	Mr A. Thomas	Mr B. Alison	Mrs R. Clist

Course Title	Level 2 Tourism	Level 2 Visual Art	Level 2 Whakairo
Entry	HELA Approval	A minimum of 10 credits in Level 1 Art, Level 1 English or at the discretion of the HELA.	Level 1 Whakairo or by approval from HELA
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Unit Standards <ul style="list-style-type: none"> 17 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> 8-12 credits internally assessed 12 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> 20 credits internally assessed
Content	<ul style="list-style-type: none"> Knowledge of New Zealand as a tourist destination Work roles within the Tourism industry World Tourist Destinations Perform calculation for a Tourism workplace Read and comprehend work related documents <p>Trip cost of \$230 approximately - optional</p>	<ul style="list-style-type: none"> Use drawing methods to apply knowledge of conventions appropriate to painting Develop ideas in a related series of drawings appropriate to established painting practice Demonstrate an understanding of methods and ideas from established practice appropriate to printing Produce a systematic body of work that shows understanding of art making conventions and ideas within paint 	<p>Students in this class will be looking at a wide range of design ideas. They will need to identify and apply design elements and principles. Through the production of Whakairo their visual ideas will develop. They will research the story of Tamatea to give each student some understand of Otamatea and Ngati Whātua. Through this process they will be able to see the value, of tikanga, function, significance, intentions and their methodologies in their carved projects.</p> <p>Projects:</p> <ul style="list-style-type: none"> Carved pattern board Kōruru Tewhatewha or Pou Community project TBC
Contact	Mr M. Troost	Mrs R. Clist	Ms J. Simmonds

Course Title	Level 2 Wood Technology	
Entry	10 Achievement Standard credits from the Technology Domain at Level 1.	
Qualification	NCEA Level 2	
Assessment	By Achievement Standards A minimum of 18 credits is offered to all students with a range of internal and external assessments. Qualifies for course endorsement.	
Content	Students need to build a portfolio showing their understanding of brief writing, conceptual design and/or prototyping. Students will then begin the process of designing and making a musical instrument. There will be a fee to cover the cost of materials used by the student on this course.	
Contact	Mr M. North	

Level 3 Subject Information

All Year 13 students can study NCEA Level 3 courses, provided they have met the course entry requirements. No subjects at Level 3 are compulsory. It is crucial that you give serious thought to your academic aims and select courses to suit your career or tertiary study aspirations. Involve your parents, subject teachers, whānau teachers and HELAs in your decision making.

A level 3 programme of study must include 5 or 6 option subjects.

Examples:

Five options at NCEA Level 3 plus a study class

Three options at NCEA Level 3 plus three at NCEA level 2

5 options at NCEA level 3 plus a correspondence subject

Year 13 students are entitled to a study class option only if they are completing a full NCEA level 3 programme.

UE Approved Subject List include

Accounting	Drama	Photography (Art)
English	Painting (Art)	Mathematics
Biology	Geography	Physical Education
Chemistry	Calculus	Physics
History	Science	Te Reo Māori
Media Studies	Technology	Economics
Music Studies	Statistics	Digital Technology
Business Studies		

See <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/approved-subjects/> for a full list of approved subjects for university entrance.

Preferential Entry to University

Most Universities have now adopted some form of preferential entry scheme so that they can manage the sizes of their classes more easily.

This ranks students who have gained University Entrance.

The Preferential Entry Score or Rank Score is calculated on a student's best 80 credits at Level 3 from a maximum of 5 approved subjects, with no more than 24 credits per subject. If a student achieves fewer than 80 credits at level 3 their score is determined from the level 3 credits they have achieved from approved subjects.

The rank scores are usually calculated by awarding the following points.

Excellence	4 points
Merit	3 points
Achieved	2 points

The maximum rank score that can be achieved is 320 points.

Need additional help or guidance?

Contact: Mr Smyth on dirk.smyth@otamatea.school.nz

Course Title	Level 3 Biology	Level 3 Business Economics	Level 3 Chemistry
Entry	Achieved or better in at least three Level 2 Biology achievement standards or approval from HELA.	Achieved or better in at least 14 credits from level 2 Business Economics, or at the discretion of the HELA	Achieved or better in at least three Level 2 Chemistry achievement standards of which one must be achieved by external examination or approval from HELA.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 10 credits internally assessed • 13 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 15 credits internally assessed • 4 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 9 credits internally assessed • 10 credits externally assessed
Content	<ul style="list-style-type: none"> • Evolution (Human) • Biotechnology • Processes of Evolution • Homeostasis • Practical Investigations 	<ul style="list-style-type: none"> • Develop a marketing plan for a new or existing product. • Carry out, with consultation, an innovative and sustainable business activity. • Demonstrate understanding of the efficiency of market equilibrium 	<ul style="list-style-type: none"> • Bonding and Structure • Thermochemistry • Redox reactions • Spectroscopic chemistry • Patterns in the periodic table • Chemistry in our World
Contact	Mr A. Thomas	Mrs R. Baker	Mr A. Thomas

Course Title	Level 3 Construction	Level 3 Drama	Level 3 English: Academic
Entry	Completion of: Level 2 Wood Technology Level 2 Engineering Level 2 Construction	14 credits in Level 2 Drama, experience in stagecraft or HELA approval.	Entry requires 14 credits, including external credits in Year 12 and Level 2 U.E Literacy credits (5 reading, 5 writing), or HELA approval.
Qualification	NCEA Level 3 Building Construction and Allied Trade Skills	NCEA Level 3	NCEA Level 3
Assessment	By Unit Standards • 18 credits internally assessed	By Achievement Standards • 8 credits externally assessed • Up to 18 credits internally assessed	By Achievement Standards • 14 credits internally assessed • 8 credits externally assessed
Content	Students will learn advanced skills in the building trade and will complete 2 quality projects, as well as working through a range of theory based assignments on: • Safe working practises • Develop knowledge of material's • Mathematics in the building industry	<ul style="list-style-type: none"> • Apply drama techniques in a scripted context • Devise and perform a drama to realise an intention • Discuss a drama or theatre form or period with reference to a text • Use complex performance skills associated with a drama or theatre form or period • Perform a substantial acting role in a scripted production • Discuss drama elements, techniques, conventions and technologies within live performance • Apply skills in production such as make-up, stage management, set design, lighting, sound, costume 	<ul style="list-style-type: none"> • Response to studied written texts • Response to studied visual or oral texts • Produce a selection of fluent and coherent writing • Respond critically to significant connections across texts • Develop an informed understanding of literature and/or language using critical texts
Contact	Mr M. North	Mrs R. Clist	Mrs F. Maclennan

Course Title	Level 3 English: General	Level 3 Geography	Level 3 Health
Entry	No prerequisite. Recommended for those students who want to gain U.E Literacy credits.	11 credits in Level 2 Geography or HELA approval.	12 credits at Level 2 Health or approval of HELA
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards & Unit Standards <ul style="list-style-type: none"> • 16 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 14 credits internally assessed • 8 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 14 credits internally assessed • 5 credits externally assessed
Content	<ul style="list-style-type: none"> • Produce a selection of crafted writing • Oral presentation • Report writing • Interview skills 	<ul style="list-style-type: none"> • Geographic environment Omaha Beach • Skills – mapping, graphing and valuing • Planning an event • Contemporary issues • Global study 	<ul style="list-style-type: none"> • Analyse a New Zealand health issue • Analyse an international health issue • Evaluate health practices currently used in New Zealand • Analyse a contemporary ethical issue in relation to well being
Contact	Mrs F. Maclennan	Mr W. Maclennan	Mr B. Alison

Course Title	Level 3 History	Level 3 Hospitality Academy	Level 3 Mathematics with Calculus
Entry	Successful completion of Level 2 History or HELA approval. (Note: History does require some confidence with reading and writing in order to be successful)	Priority given to students that have gained a minimum of 14 Hospitality credits at Level 2, including US167 (the compulsory food safety standard at Level 2).	14 Level 2 credits from Level 2 Mathematics Algebra including passes in including four of 91261 and 91262. three standards must be at merit level or higher, or by HELA approval.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 15 credits internally assessed • 10 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 20 – 45 credits 	By Achievement Standards <ul style="list-style-type: none"> • 24 credits
Content	The first half of the course is spent researching and writing about topics relating to New Zealand History. Each student chooses a topic reflective of their own interests. The second half of the course explores the events surrounding a key event in History. Assessments focus on developing the following skills: <ul style="list-style-type: none"> • Using research methods to find useful information about topics • Presenting that research in written form • Interpreting evidence to help us understand historical topics • Understanding how different people view events differently • Understanding the causes and consequences of a key event 	Students will work in partnership with MIT in Auckland and from workbooks designed by Service IQ with practical assessments to show competency in the following skills in a commercial setting: <ul style="list-style-type: none"> • Food Safety • Barista • Commercial kitchen topics including pasta, egg dishes, baking and complex sandwich making • Nutritional knowledge as applied to commercial catering • Students will be required to do shifts in D5 cafe <p>There will be a fee to cover the cost of materials used by the student on this course</p>	<ul style="list-style-type: none"> • Differentiation and its applications • Integration and its applications • Modelling and problem solving using trigonometric functions • Systems of Equations • Linear Programming • Critical Path Analysis
Contact	Ms A. Bosch	Mrs M. Hagerty	Mr D . Smyth

Course Title	Level 3 Mathematics – General	Level 3 Media Studies	Level 3 Music
Entry	14 credits from Level 2, or approval from HELA	Level 2 Media Studies or at HELA approval. Students must have a sound understanding of English and good results in this subject.	12 credits in Level 2 Music or approval from the HELA.
Qualification	NCEA Level 3	This course can lead to further studies at University as it is a University Entrance subject NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 20 credits 	By Achievement Standards <ul style="list-style-type: none"> • 18 credits internally assessed • 4 credits externally assessed 	Each student completes an individual programme which consists of a combination of Achievement standards and Unit Standards.
Content	<ul style="list-style-type: none"> • Linear programming • Critical path analysis • Simultaneous equation • Trigonometry • Probability • Bivariate Investigation 	<p>This course involves the design and production of a media product (short film or editorial magazine) through the study of genre, for a target audience. Students analyse media texts and write a media portfolio.</p> <ul style="list-style-type: none"> • Demonstrate understanding of meaning in a media text through different readings • Demonstrate understanding of a relationship between a media genre and society • Produce a design for a media product that meets the requirements of a brief • Produce a media product to meet the requirements of a brief • Write a media text to meet the requirements of a brief 	<ul style="list-style-type: none"> • Perform to an audience as an individual and in a group • Compose music • Examine harmonic and tonal conventions in a music score • Develop aural skills
Contact	Mr C. Gill	Mrs T. Christie	Mr F. Murphy

Course Title	Level 3 Photography	Level 3 Physical Education	Level 3 Physics
Entry	10 Photography or Painting credits at Level 2. Level 1 and/or 2 English Analyses Skills	14 credits at Level 2 or by the approval of HELA.	Achieved or better in at least three Level 2 Physics achievement standards or approval from HELA.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 8 credits internally assessed • 14 credits externally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 18 credits internally assessed 	By Achievement Standards <ul style="list-style-type: none"> • 7 credits internally assessed • 16 credits externally assessed
Content	<ul style="list-style-type: none"> • Use practical work to demonstrate an understanding of photographic conventions • Use drawing to demonstrate understanding of conventions appropriate to photography • Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice 	<ul style="list-style-type: none"> • Plan and evaluate your own personal exercise programme • Appraise and evaluate performance in a physical activity • Analyse safety issues in outdoor activities • Perform a physical activity to a nationally developed standard • Evaluate physical activity experiences and devise strategies for life long well being 	<ul style="list-style-type: none"> • Practical physics – advanced experimental techniques • Motion energy and forces • Waves, diffraction, interference and the Doppler Effect • AC & DC currents • electromagnetism • Modern physics • Application of Physics to a selected context
Contact	Mrs R. Clist	Mr B. Alison	Mr A. Thomas

Course Title	Level 3 Statistics and Probability	Level 3 Te Reo Māori & Māori Performing Arts	Level 3 Tourism
Entry	14 Level 2 credits, including three from, 91263, 91264, 91266, 91267 and 91268. Two of the above must be at Merit level or approval from HELA. Students must also have met the requirements for UE Literacy.	14 credits in Level 2 Te Reo Māori and/or Māori Performing Arts.	Level 3 students who have previously taken Level 2 tourism must have successfully completed Level 2.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 20 credits 	By Achievement Standards <ul style="list-style-type: none"> • 16 credits internally assessed • 12 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 18 credits internally assessed
Content	<ul style="list-style-type: none"> • Bivariate data analysis • Probability Concepts • Inference • Probability methods • Time series 	<p>Students are required to build a portfolio of evidence showing their understanding of Te Reo Māori in listening, speaking, reading and writing.</p> <p>The course is based on kaupapa of international significance and how they impact on Aotearoa.</p>	<ul style="list-style-type: none"> • Knowledge of Australia as a tourist destination • Knowledge of New Zealand as a tourist destination • Knowledge of the Pacific Islands as a tourist destination • The opportunity to do a variety of Maori Tourism standards <p>Trip cost of \$230 approximately - optional</p>
Contact	Mr C. Gill	Mrs R. Clist	Mr M. Troost

Course Title	Level 3 Visual Art (Painting)	Level 3 Whakairo	
Entry	12 credits in Level 2 Visual Art. Level 1 and/or 2 English Analyses Skills	Level 2 or prior knowledge and experience	
Qualification	NCEA Level 3	NCEA Level 3	
Assessment	By Achievement Standards <ul style="list-style-type: none"> • 8 credits internally assessed • 14 credits externally assessed 	By Unit Standards <ul style="list-style-type: none"> • 24 credits internally assessed 	
Content	<ul style="list-style-type: none"> • Use practical work to demonstrate an understanding of painting conventions • Investigate and use of ideas and methods in the context of a drawing study in painting • Systematically clarify ideas using drawing informed by established painting practice • Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice 	<p>These students will be challenged by extending their knowledge and understanding of Whakairo meanings in particular situations. They will need to generate and refine visual ideas to create a carved story. Each student will need to examine three carved objects, they will research and discuss ways of how the objects were produced and why. They will also look at the changes in the production of Whakairo through the influence of modern technology and media.</p> <p>Project:</p> <ul style="list-style-type: none"> • Carved pattern board • Waka Huia • Collaboration TBC 	
Contact	Mrs R. Clist	Ms J. Simmonds	