

# Otamatea High School Course Directory 2024



# 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, senior leadership team, 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.

On 6<sup>th</sup> September is Options afternoon. All year 10, 11 and 12 students will visit the hall in class time to meet Heads of Departments. They will be able to find out what courses involve and see what work is done.

Parents are invited to attend with their students or from 2pm to 2.30pm or 4.10pm to 4.50pm when all teachers teaching senior subjects will be available to discuss your student's options.

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.

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# Help

This course directory is designed to assist senior students when selecting their 2024 NCEA 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 [elizabeth.vandenberg@otamatea.school.nz](mailto:elizabeth.vandenberg@otamatea.school.nz) or alternatively visit the school website [www.otamatea.school.nz/careers](http://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](http://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 as well as with your whānau teacher, or with Mrs van den Berg.

MyMahi is an app that can be downloaded on computers and phones on which careers can be researched easily.

## Option Selections

When putting together your courses for 2024:

- 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 some 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.
- Keep a broad end goal in mind and choose subjects that would support this goal. You and your circumstances change, and it is easier to change direction if you keep your options open.
- Please note that many courses offered do have associated materials and field trip costs.

# Tertiary Links With Careers

## Apprenticeship Entry

**Most prefer completion of NCEA Level 2.**

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 meet entry requirements for the industry you are interested in.

Since 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 the school's Gateway programme.

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 present yourself in the best possible way.

## Armed Forces Entry

The Armed Forces provide many opportunities for sponsored university courses and apprenticeships with 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 NCEA level 2.**

Students must meet the minimum of 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: NCEA level 3 and 14 credits in three university approved subjects, plus 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; an “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](http://www.studylink.govt.nz), as well as at each university website. Another worthwhile source of information is [www.moneyhub.co.nz](http://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 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 Examinations**

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).

# Gateway

Gateway is a programme that is available to senior students (Year 11 and above) with opportunities to access structured workplace learning. Through the Gateway programme students are given the opportunity to 'test drive' their career choices, while gaining real-world experience. With the help of the Gateway Coordinator a student finds a workplace that is of interest to them and typically completes 3-5 days of work experience. This is generally done 1 day a week during the school term, and in some instances can continue for the full school year. Work experience can also be done in one block during the school holidays if a student does not wish to miss out on school. This work experience is designed to give the student a taste of what the job involves, and if it is a career they want to pursue further. The student can gain valuable inside knowledge, skills and contacts to give them a head start in their career.

Most students who wish to be a part of the Gateway programme select the self-driven Pathways class as one of their options. See the Self-Driven Pathways page for more information. However, a student can still be a part of the Gateway programme without being in the Pathways class. 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.

By joining the Gateway Programme a student is committing to completing a work experience placement and also achieving 20 NCEA credits (at any level), these credits can be achieved through career related short courses or theory based unit standards. Credits can also be achieved from gaining your driver licence, completing a first aid course, passing driving unit standards completed alongside a defensive driving course.

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 committing to a large student loan. Gateway is also about building up networks in the workforce. Many jobs are gained through networking. 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: Ms Helen Anderson on [helen.anderson@otamatea.school.nz](mailto:helen.anderson@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 an 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 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.vandenbergh@otamatea.school.nz](mailto:elizabeth.vandenbergh@otamatea.school.nz)



# Distance Learning

## Correspondence School

Certain students have demonstrated over the course of their time at Otamatea High School that they can manage their time effectively and can study independently. These students have earned access to the privilege of studying 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)
- Economics (Level 1 upwards)
- French (from year 10 to Level 3)
- German (from beginners to Level 3)
- Home Economics (Level 1 upwards)
- Japanese (from beginners to Level 3)
- Legal Studies (Level 1 upwards)
- Primary Production (Agriculture/Horticulture) (Level 1 upwards)
- Spanish (Level 2 and 3)

To see what is taught in each subject, visit [www.tekura.school.nz](http://www.tekura.school.nz) and open the catalogue, and see if there is a subject you want to study even if it is not included in the above details. Then write the course you would like to study on your option form. 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](mailto: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	→	English - Academic	→	English - Academic
Mathematics	→	Mathematics	→	Mathematics - Algebra & Calculus	→	Mathematics with Calculus
			→	Mathematics - Statistics	→	Mathematics - Statistics & Probability
			→	Mathematics - General	→	Mathematics - General
Science	→	Science - Essential	→	Physics	→	Physics
	→	Science - General	→	Chemistry	→	Chemistry
			→	Biology	→	Biology
Social Studies	→	Geography	→	Geography	→	Geography
			→	Tourism	→	Tourism
	→	History	→	History	→	History
Physical Education & Health	→	Physical Education	→	Physical Education	→	Physical Education
			→	Sports Leadership	→	Sports Leadership
	→	Health	→	Health	→	Health
<b>Y10 Options: Students do TWO for a year</b>						
Hard Materials Technology	→	Building and Construction	→	Building and Construction	→	Building and Construction
	→	Engineering	→	Engineering	→	Engineering
Commerce	→	Commerce	→	Business Economics	→	Business Economics
Design & Visual Communications	→	Design & Visual Communications	→	Design & Visual Communications	→	Design & Visual Communications
Digital Technology	→	Digital Technology	→	Digital Technology		
Drama	→	Drama	→	Drama	→	Drama
Food Technology	→	Hospitality	→	Hospitality Academy	→	Hospitality Academy
Green to Gold	→	Primary Industries Trade Academy	→	Primary Industries Trade Academy		
Magazine Design			→	Media Studies	→	Media Studies
Music	→	Music	→	Music	→	Music
Spanish	→	Spanish				
Te Reo Māori	→	Te Reo Māori	→	Te Reo Māori	→	Te Reo Māori
Visual Art	→	Visual Art	→	Visual Art - Painting	→	Visual Art - Painting
			→	Visual Art - Photography	→	Visual Art - Photography
			→	Art Design		

# 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**

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 HoD'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. 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 result, 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.

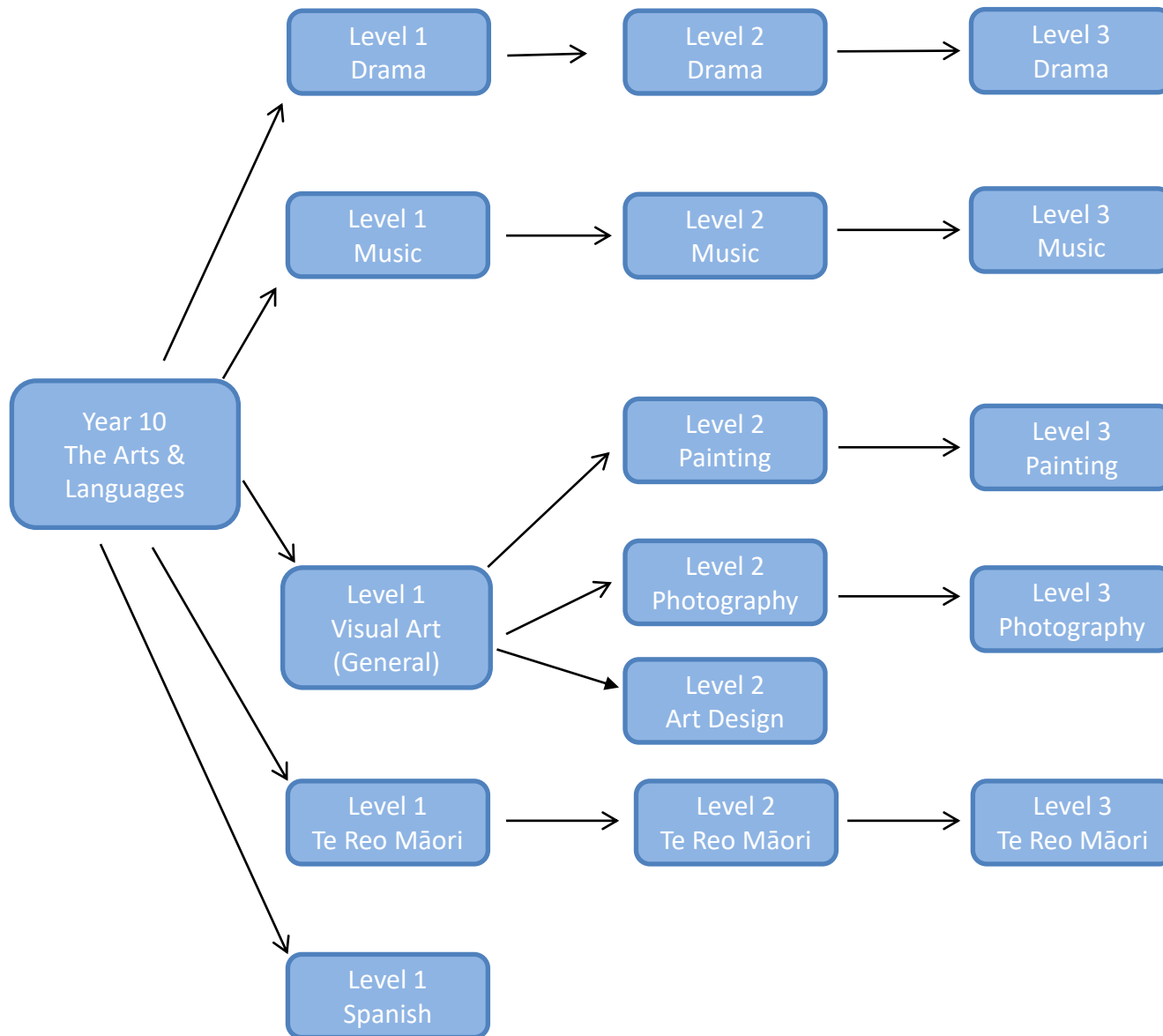
In exceptional cases, students can apply to the HoD for discretionary entry.

## **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



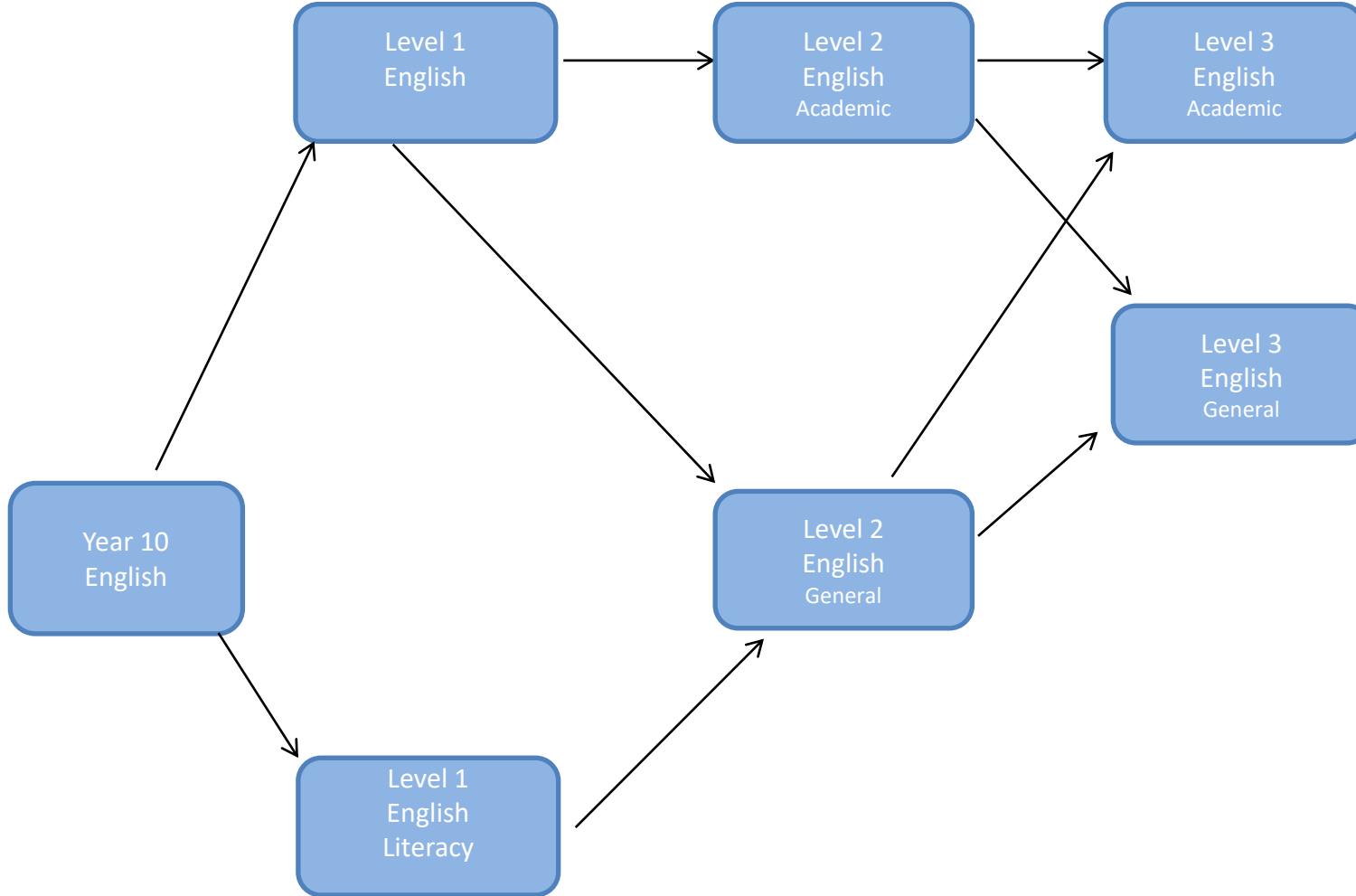
## Possible Future Career Opportunities

### 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

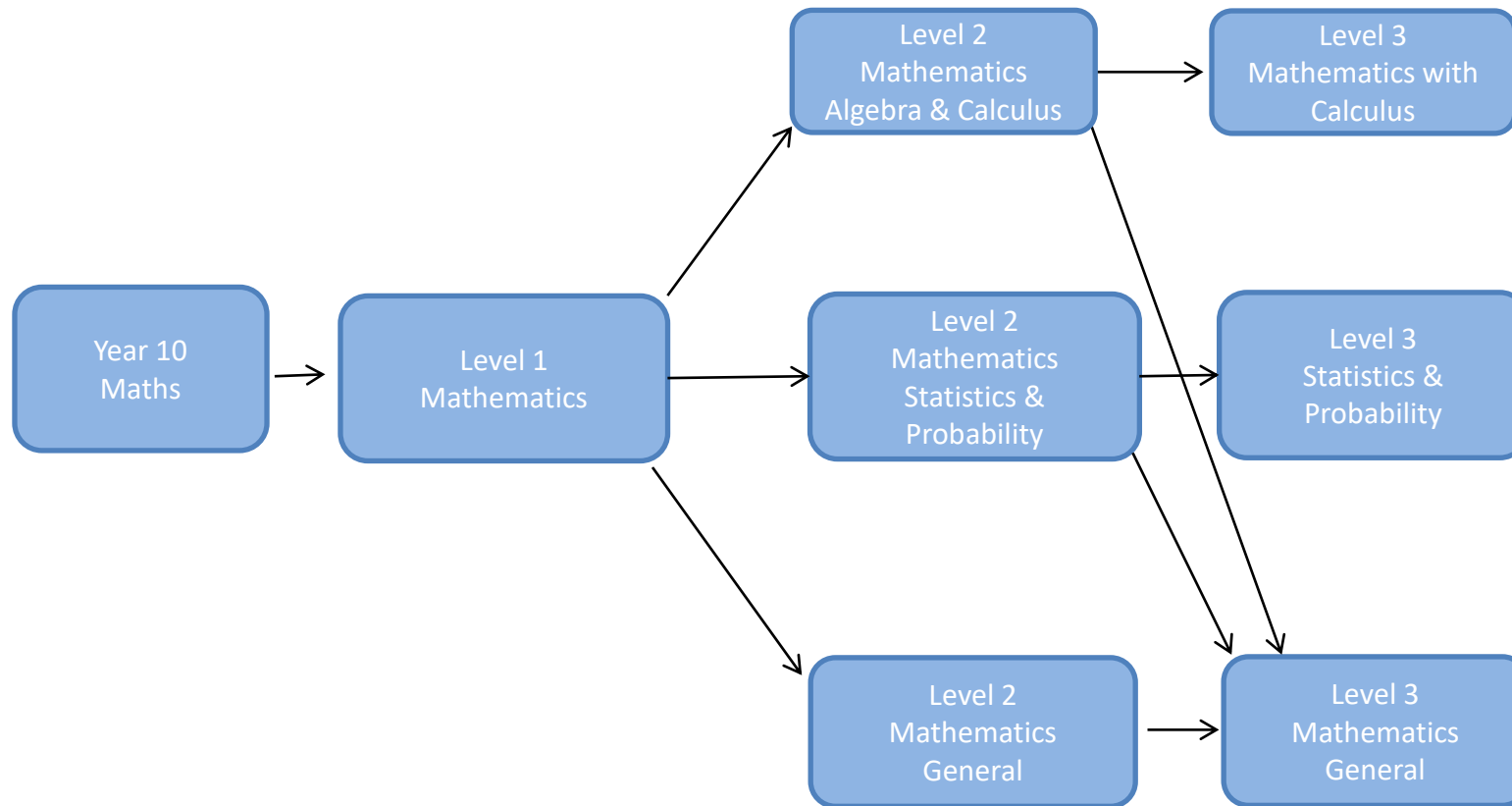


## Possible Future Career Opportunities

- Trades
- Armed Forces
- Broadcaster
- Journalism
- Interpreter
- Training Consultant
- Librarian
- Curator
- Marketing
- Communications
- Reviews
- Teacher
- Editor
- Lawyer
- Publisher
- Psychology
- Advertising and digital media
- Author

**See career pages for further information**

# Mathematics



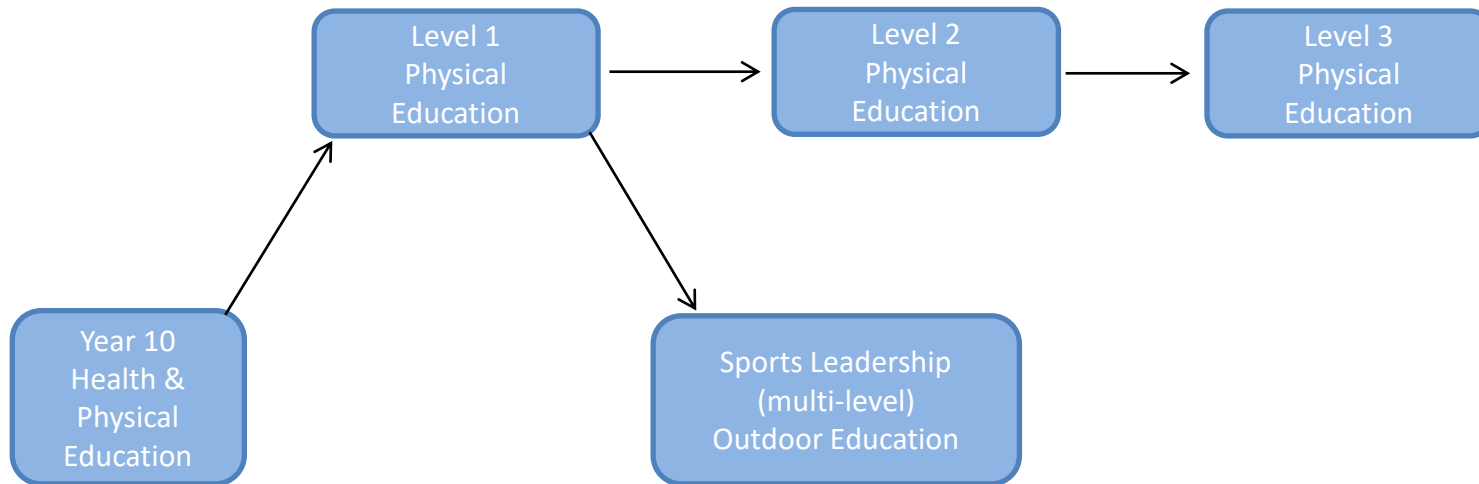
## Possible Future Career Opportunities

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.

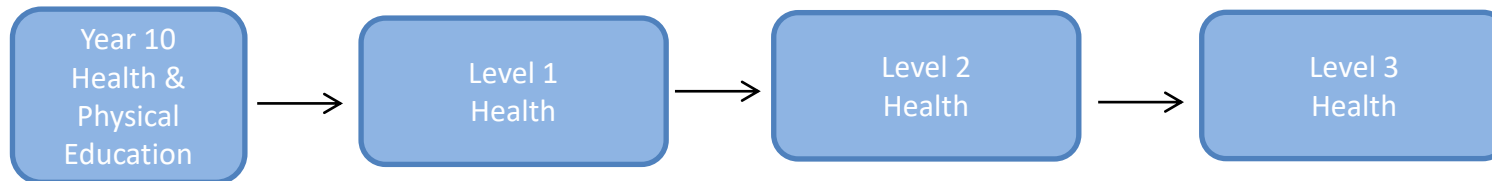
Calculus is used widely in all kinds of engineering (software, chemical, electrical, mechanical, aerospace) as well as physics, chemistry, biology, astronomy and finance.

**See career pages for further information**

# Physical Education



# Health

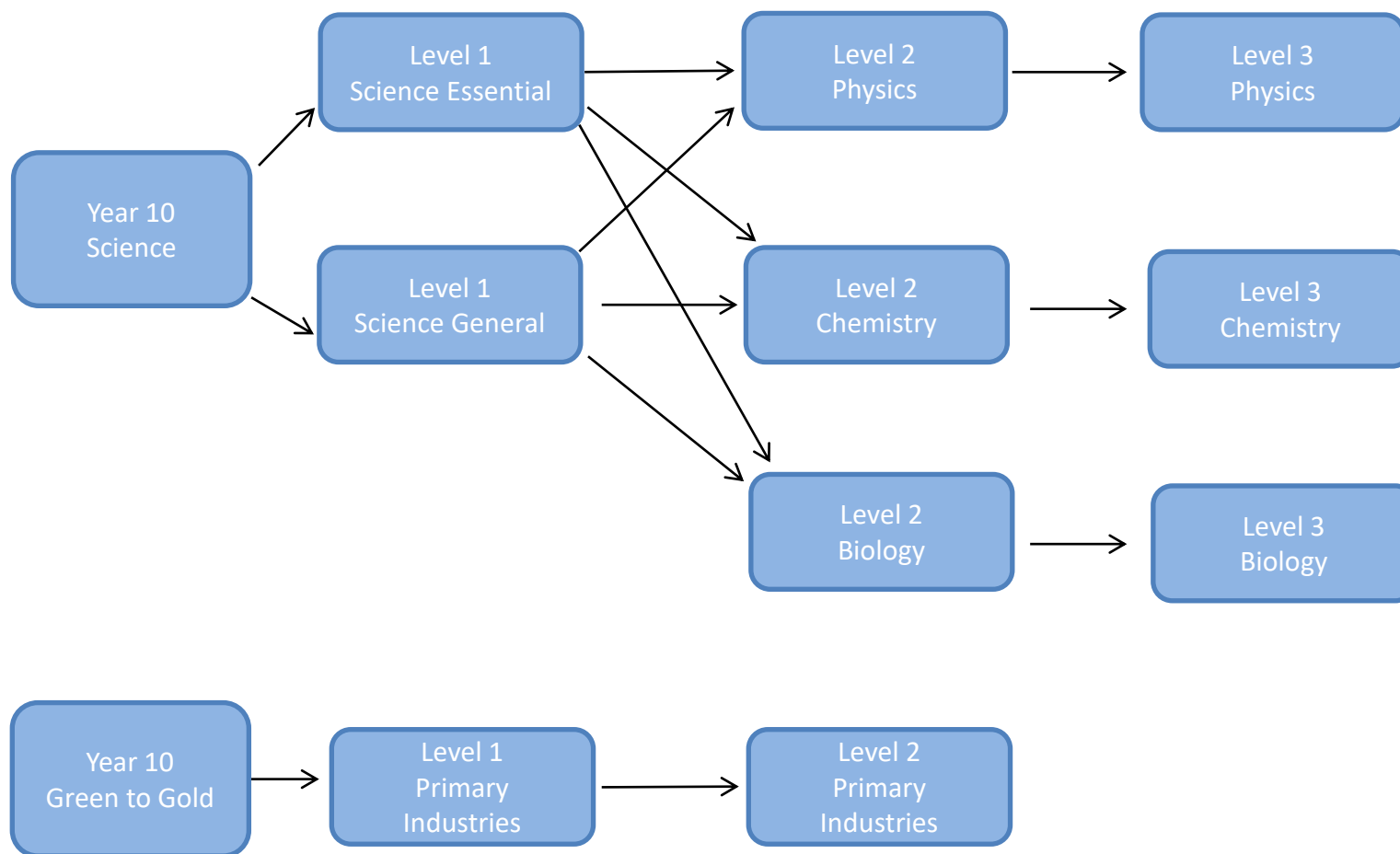


## Possible Future Career Opportunities

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



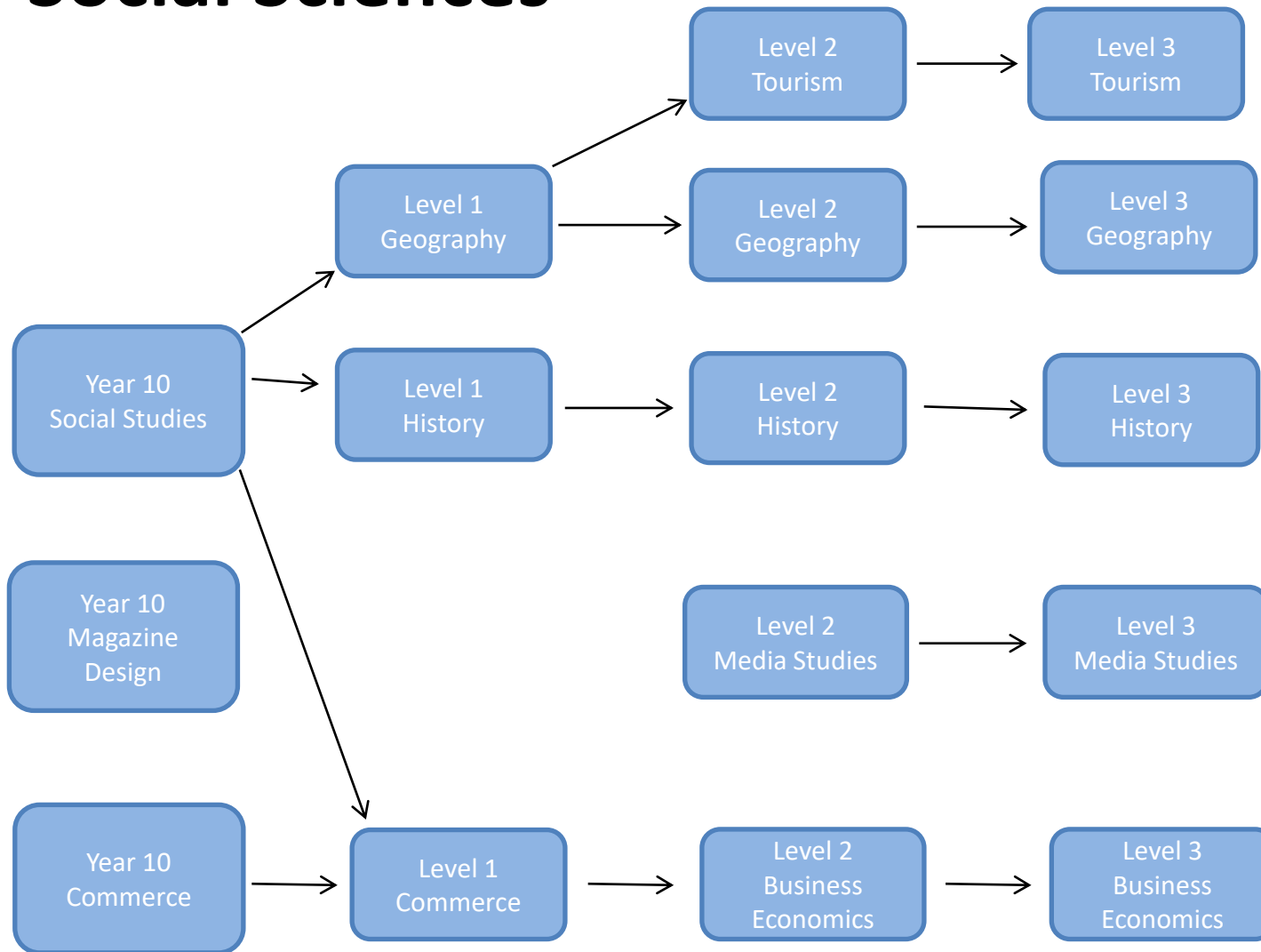
## Possible Future Career Opportunities

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

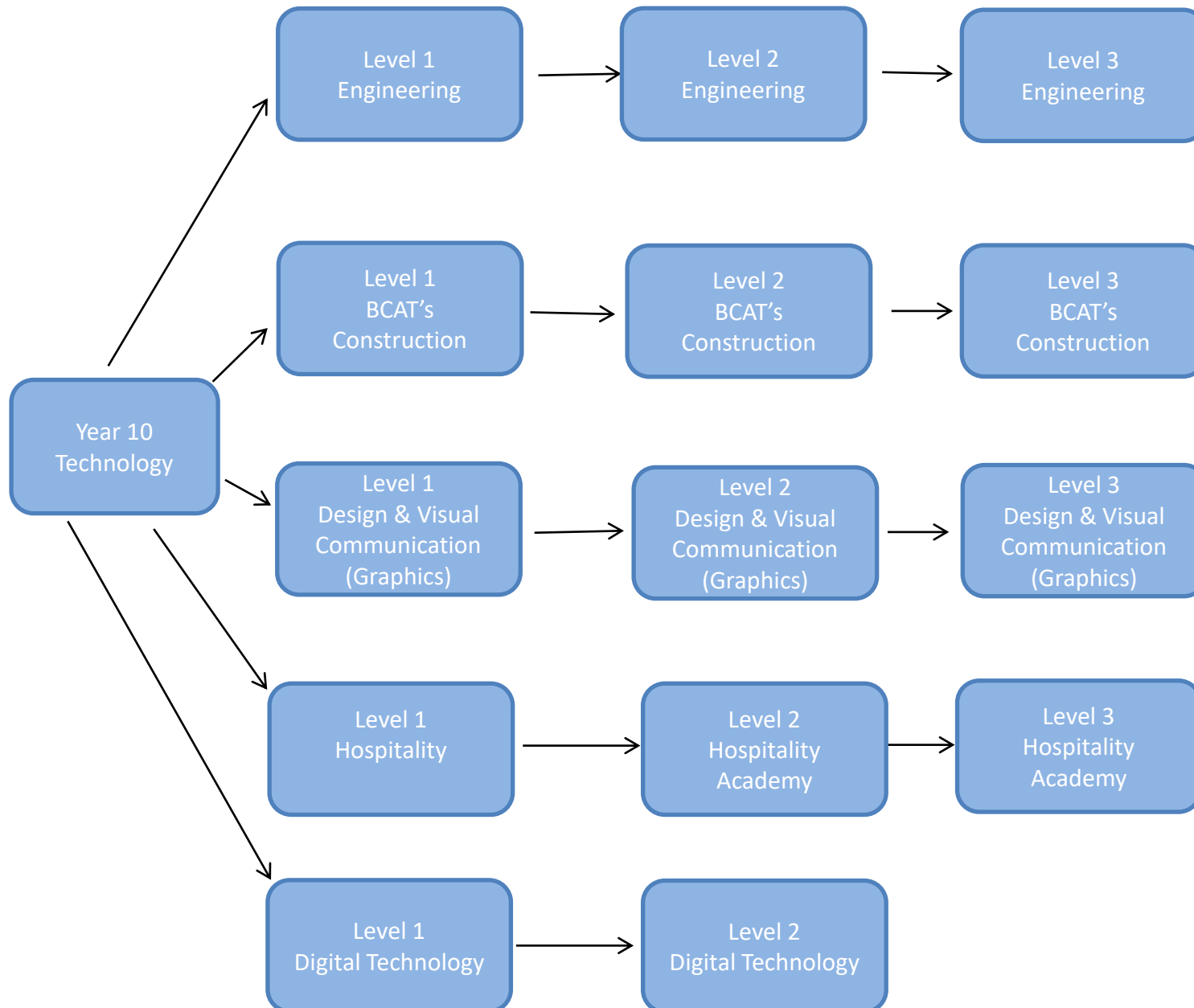


## Possible Future Career Opportunities

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 construction related trades  
 e.g Carpenter  
 AI Engineering  
 Automotive Engineering  
 Boat Builder  
 Cabinet Maker  
 Composite Engineer\Marine  
 Engineer  
 Designer  
 Engineering  
 Film and Theatre Prop  
 Fitter Turner  
 Mechanical Engineer  
 Programmer  
 Robotics  
 Software Development  
 Systems Engineer  
 Wood Technology  
 3D Product 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 Studies, and Health & Physical Education) based on their individual learning needs.

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

- Commerce
- Design and Visual Communications (Graphics)
- Digital Technology
- Drama
- Food Technology
- French
- Green to Gold
- Hard Materials
- Magazine Design
- Music
- Spanish
- 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 Physical Education and Health
Entry	Students are placed in mixed ability classes.	Students are placed in mixed ability classes.	Students are placed in mixed ability classes.
Course Description	<p>Students will develop their English skills through the study of:</p> <ul style="list-style-type: none"> <li>• Writing</li> <li>• Reading and Viewing</li> <li>• Wide Reading</li> <li>• Presenting</li> <li>• Language</li> </ul>	<p>Students will develop their mathematical and statistical reasoning skills through the study of:</p> <ul style="list-style-type: none"> <li>• Number and Algebra</li> <li>• Geometrical reasoning</li> <li>• Statistical Investigations</li> <li>• Probability</li> <li>• Measurement</li> </ul> <p><b>Students may be offered a selection of Level 1 NCEA standards as part of their programme.</b></p>	<p>All students study:</p> <ul style="list-style-type: none"> <li>• Resilience and Hauora</li> <li>• Leadership in sports</li> <li>• My community and me</li> <li>• Relationships and Sexuality</li> <li>• Drugs and Alcohol</li> </ul>
Contact	Mr D. George	Mr C. Gill	Mr B. Alison

Course Title	Year 10 Science	Year 10 Social Studies
Entry	Students will be placed in mixed ability classes.	Students are placed in mixed ability classes.
Course Description	<p>Developing scientific skills, such as investigation, reporting and evaluating through the study of:</p> <ul style="list-style-type: none"> <li>• Atomic Science</li> <li>• Acids &amp; Bases</li> <li>• Metallurgy</li> <li>• Electricity &amp; Magnetism</li> <li>• Forces &amp; Motion</li> <li>• Genetics &amp; Evolution</li> <li>• Medical Science</li> <li>• Earth Science</li> <li>• Fuels &amp; Climate Change</li> </ul>	<p><b>All students study:</b></p> <ul style="list-style-type: none"> <li>• Treaties - focusing on the importance of the Treaty of Waitangi and its aftermath</li> <li>• Migration</li> <li>• Economic World</li> <li>• Government and Laws</li> </ul>
Contact	Mr C. Townshend	Ms A. Bosch

<b>Course Title</b>	<b>Year 10 Commerce</b>	<b>Year 10 Design &amp; Visual Communications (Graphics)</b>	<b>Year 10 Digital Technology</b>
<b>Entry</b>	No previous experience required.	No previous experience necessary.	Any Year 9 Technology course.
<b>Course Description</b>	<ul style="list-style-type: none"> <li>• What is/makes an entrepreneur</li> <li>• Resources and adding value</li> <li>• Marketing mix (4P's)</li> <li>• Market Day and Business Plan</li> <li>• Circular flow of income</li> <li>• Disputes Tribunal</li> <li>• Personal budgeting</li> <li>• Finance / Accounts basics</li> </ul>	This course prepares students to take NCEA Level 1 in Design and Visual Communications. Students will learn techniques in freehand sketching and rendering. Students will engage in the design process where they research design elements 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 edit videos. As part of preparing for Programming and Computer Science, students learn to program games, design and develop laser cut articles and do 3D printing.
<b>Contact</b>	Mrs R. Baker	Mr L. Dainty	Mr L. Dainty

Course Title	Year 10 Drama	Year 10 Food Technology	Year 10 French
Entry	Year 9 Drama is preferred but not essential. Students need to have a positive attitude and a willingness to work in groups. 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.	This option may be taken by any student who has shown reasonable aptitude and interest in Year 7, 8 and/or 9.
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><b>Character work:</b> Create a character through a scripted production</p> <p><b>Devising:</b> Creating original work using drama processes and conventions</p> <p><b>Acting Techniques:</b> Explore acting techniques and compare theatrical styles</p> <p><b>Production:</b> Carry out a production role. E.g. Lighting, Sound, Stage Management, Costume, Make-up</p> <p><b>Stage craft:</b> 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.</p> <p>Each week will include practical food 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>Year 10 French focuses on increasing vocabulary and grammar knowledge to be able to apply to listening, speaking, reading and writing topics.</p> <p>Students will learn how to use familiar language with more flexibility and be able to understand new vocabulary from its context. The expectation is that students will have a language level that will allow them to cope with routine situations in French speaking countries or with French speakers in New Zealand.</p> <p>Year 10 French will also cover the French speaking cultures more deeply as customs and beliefs of a culture are a main part of learning a language.</p>
Contact	Mrs K. Reynolds	Miss K. Meachin	Miss T. Fonseca

Course Title	Year 10 Green to Gold	Year 10 Hard Materials Technology	Year 10 Magazine Design
<b>Entry</b>	This course is about sustainability in the agricultural industry. It is open to all students. It has theory and practical components.	Students should have completed a Year 9 workshop based Technology course to a reasonable standard.	Successful completion of Year 9 English and experience in Art is recommended.
<b>Course Description</b>	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.	<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>Students will be involved in designing and making a range of products such as letter boxes, small tables, metal tool box.</p> <p><b>There will be a fee to cover the cost of take home materials used by the student on this course.</b></p>	<p>Students will work together as a team to produce the school yearbook.</p> <p>They will learn photography and graphic design skills using industry software and DSLR cameras. Students will also learn how to plan, organize and oversee all aspects of the editorial design process, having specific roles in an authentic context.</p>
<b>Contact</b>	Mr M. Troost	Mr L. Dainty	Mrs T. Christie



Course Title	Year 10 Music	Year 10 Spanish	Year 10 Te Reo Māori
<b>Entry</b>	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.	This option may be taken by any student who has shown reasonable aptitude and interest in Year 9.	This option may be taken by any student who has shown reasonable aptitude and interest in Year 9.
<b>Course Description</b>	<ul style="list-style-type: none"> <li>• Perform as a soloist and as a member of a group</li> <li>• Write a song</li> <li>• Develop aural (listening &amp; reading) skills</li> <li>• Understand music's contributions to society</li> </ul> <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>Year 10 Spanish focuses on increasing vocabulary and grammar knowledge and applying it to listening, speaking, reading and writing topics.</p> <p>Students will learn how to use familiar language with more flexibility and be able to understand new vocabulary from its context. The expectation is that students will have a language level that will allow them to cope with routine situations in Spanish speaking countries or with Spanish speakers in New Zealand.</p> <p>Y10 Spanish will also cover the Spanish speaking cultures more deeply, as customs and beliefs of a culture are an integral part of learning a language.</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 kōrero (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><b>Topics Covered</b></p> <ul style="list-style-type: none"> <li>• The teenage world</li> <li>• Tāmoko</li> <li>• Sports and recreation</li> <li>• Active sentences</li> </ul>
<b>Contact</b>	Mr J. Stevenson	Miss T. Fonseca	Matua Wiremu

<b>Course Title</b>	<b>Year 10 Visual Art</b>
<b>Entry</b>	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.
<b>Course Description</b>	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 with confidence. Learning will be done through a series of classroom projects and homework tasks.
<b>Contact</b>	Mrs R. Barclay-Clist

# Level 1 Subject Information

## **English is compulsory for all Year 11 students.**

Students will choose an NCEA Level 1 English class that fits with their option lines.

- L1ENGL (English) is a general English programme based on Achievement Standards that prepares students for tertiary study in the future.

## **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.
- 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.

- L1SCIE (Essential 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. Whilst all levels of achievement are covered, there is a strong emphasis on the basics. This course may prepare students for Level 2 sciences.

## **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 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	Level 1 Mathematics
Entry	English is compulsory at Level 1.	Mathematics is compulsory at Level 1.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>• 15 to 20 credits</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Film Study</li> <li>• Unfamiliar Text Study</li> <li>• Written text study</li> <li>• Formal OR Creative writing</li> <li>• Create a visual OR oral text</li> <li>• Connections across texts</li> <li>• Close viewing</li> <li>• Research</li> <li>• Wide Reading</li> </ul>	<ul style="list-style-type: none"> <li>• Mathematical Reasoning</li> <li>• Statistical Enquiry</li> <li>• Mathematical Methods</li> <li>• Interpret Mathematical Information</li> <li>• Numeracy</li> </ul>
Contact	Mr D. George	Mr C. Gill

Course Title	Level 1 Essential Science	Level 1 General Science
Entry	This course is designed to include all essential knowledge needed to prepare students for Level 2 Sciences. Approval from HoD based on Year 10 results.	This course contains aspects of foundation knowledge in all three sciences. Students may still progress to Level 2 science. Approval from HoD based on Year 10 results.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>• 11 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>• 21 credits internally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Chemical Reactions</li> <li>• Genetics</li> <li>• Mechanics, Heat, Electricity</li> <li>• Science informed response</li> </ul>	<ul style="list-style-type: none"> <li>• Chemical Reactions</li> <li>• Microbes</li> <li>• Motion, Forces</li> <li>• Science informed response</li> </ul>
Contact	Mr C. Townshend	

Course Title	Level 1 Building and Construction BCATS	Level 1 Commerce	Level 1 Design & Visual Communication (Graphics)
Entry	Successful completion of a Year 10 technology option as determined by their teacher. Those who have already taken wood/metal will be given priority.	Some confidence with literacy and numeracy required. Successful completion of 10 Social Studies.	Successful completion of a Year 10 technology option as determined by their teacher. Those who did design & visual technology will be given priority.
Qualification	Credits towards National Certificate in Building, Construction and Allied Level 1 NCEA credits	NCEA Level 1	NCEA Level 1
Assessment	Unit Standards <ul style="list-style-type: none"> <li>19 credits</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>
Content	Students will learn basic construction skills used in the building trades such as, workshop safety, using hand tools, materials, and construction processes. Evidence of learning will be gathered through practical projects and written assessments. Mirror Cabinet  <b>There will be a fee to cover the cost of take home materials used by the student on this course.</b>	Students will learn to: <ul style="list-style-type: none"> <li>Understand an organisation's financial decision making</li> <li>Understand price determination for an organisation</li> <li>How interdependent financial relationships are affected by an event</li> <li>How an organisation's financial viability is affected by an event</li> </ul>	Students are required to create a portfolio of evidence demonstrating the following skills and knowledge: <ul style="list-style-type: none"> <li>Research and the design process</li> <li>Free hand sketching</li> <li>Instrumental drawing</li> <li>Colour rendering</li> <li>Presentation</li> <li>Mock-up and models</li> <li>Computer Aided Design</li> </ul>
Contact	Mr L. Dainty	Mrs R. Baker	Mr L. Dainty

Course Title	Level 1 Digital Technologies	Level 1 Drama	Level 1 Engineering (Mechanical)
Entry	Those who did Y10 digital technologies will be given priority.	Students with an interest in Acting, Performing and Creating drama.	Successful completion of a Year 10 technology option or by interview with HoD.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>	<ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>Up to 10 credits externally assessed</li> </ul>	Industry standards competency based <ul style="list-style-type: none"> <li>22 credits internally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>Create a computer program</li> <li>Develop a digital technologies outcome</li> <li>Demonstrate understanding of usability in human computer interfaces</li> <li>Design a digital technological outcome</li> </ul>	<ul style="list-style-type: none"> <li>Explore the function of Theatre Aotearoa</li> <li>Participate in creative strategies to create a drama</li> <li>Apply drama techniques to perform a scripted role for an audience</li> <li>Respond to a drama performance</li> </ul>	<p>Students need to complete theory booklets and practical projects demonstrating the following:</p> <ul style="list-style-type: none"> <li>Knowledge of safety procedures in mechanical engineering</li> <li>Basic engineering workshop skills</li> <li>Simple measuring</li> <li>Ability to select, use and care for engineering hand tools, marking out equipment and dimensional measuring equipment</li> <li>Fabrication activities</li> </ul> <p><b>There will be a fee to cover the cost of take home materials used by the student on this course (additional projects may incur additional material costs).</b></p>
Contact	Mr L. Dainty	Mrs K. Reynolds	Mr L. Dainty

Course Title	Level 1 Geography	Level 1 Health	Level 1 History
Entry	Some confidence with literacy and numeracy required. Successful completion of Year 10 Social Studies.	Positive engagement in Year 10 Health.	Confidence with literacy required. Successful completion of Year 10 Social Studies.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>16 credits internally assessed</li> <li>4 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>
Content	Students will learn to: <ul style="list-style-type: none"> <li>Understand the spatial distribution of phenomena and its impacts within te taiao (the environment)</li> <li>Explore te taiao using data</li> <li>Demonstrate understanding of how natural processes operate within te taiao</li> <li>Demonstrate understanding of geographic decision-making in Aotearoa New Zealand or the Pacific</li> </ul>	Students will <ul style="list-style-type: none"> <li>Take action to enhance personal wellbeing</li> <li>Demonstrate understanding of interpersonal skills</li> <li>Develop strategies for making health enhancing decisions in drug related situations</li> <li>Demonstrate understanding of strategies for promoting positive sexuality</li> <li>Demonstrate understanding of ways in which wellbeing can change and strategies to support wellbeing</li> </ul>	Students will learn to: <ul style="list-style-type: none"> <li>Engage with a variety of primary sources in a historical context</li> <li>Demonstrate understanding of the significance of a historical context</li> <li>Understand historical concepts in contexts of significance to Aotearoa New Zealand</li> <li>Understand perspectives on a historical context</li> </ul>
Contact	Mr T. Baker	Mr B. Alison	Ms A. Bosch



Course Title	Level 1 Hospitality	Level 1 Music	Level 1 Physical Education
<b>Entry</b>	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.	Completion of Year 10 Music with Achievement in Solo and Group performances desirable. Otherwise an audition on primary performance instrument is required OR HoD approval. Willingness to engage in regular itinerant music lessons.	A positive attitude toward learning and quality engagement in physical education in Year 10.
<b>Qualification</b>	NCEA Level 1	NCEA Level 1	NCEA Level 1
<b>Assessment</b>	By Unit Standards <ul style="list-style-type: none"> <li>24 credits</li> </ul>	<ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>21 credits internally assessed</li> </ul>
<b>Content</b>	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"> <li>Career pathways in the Hospitality Industry</li> <li>Food handling</li> <li>Care and use of knives</li> <li>Prepare and present meat</li> <li>Prepare &amp; present fruit &amp; vegetables</li> <li>Prepare &amp; present egg &amp; cheese dishes</li> <li>Prepare and present hot finger food</li> <li>Prepare and present soup and sauces</li> <li>Prepare and cook cake, scones and sponges</li> </ul>	<ul style="list-style-type: none"> <li>Performs to an audience as an individual or in a group</li> <li>Learn the fundamentals of music</li> <li>Develop aural skills</li> <li>Learn to compose original music</li> <li>Develop ability to interpret music and its contexts</li> </ul>	<ul style="list-style-type: none"> <li>Anatomy and Biomechanics – how the body moves</li> <li>Exercise physiology – the body's response to exercise</li> <li>Analysing sports performance</li> <li>Practical performance</li> <li>Strategies for improving personal performance</li> <li>Demonstrate self-management strategies</li> <li>Taking purposeful action to help others participate</li> </ul>
<b>Contact</b>	Miss K. Meachin	Mr J. Stevenson	Mr B. Alison

Course Title	Level 1 Primary Industries Trade Academy	Level 1 Spanish	Level 1 Te Reo Māori
<b>Entry</b>	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.	This option may be taken by any student who has shown reasonable aptitude and interest in Year 9 and/or Year 10.	Year 10 option completion or approval from HoD.
<b>Qualification</b>	NCEA Level 1	NCEA Level 1	NCEA Level 1
<b>Assessment</b>	By Unit Standards <ul style="list-style-type: none"> <li>25 credits internally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>
<b>Content</b>	This course suits students who like to learn by “doing”. Students will develop the knowledge and practical skills to: <ul style="list-style-type: none"> <li>Produce a garden to provide food</li> <li>Find out what jobs are available in the primary industries</li> <li>Find out how hydration and nutrition affect your work</li> <li>Understand nursery plant media</li> <li>Understand how plants work</li> <li>Learn about soils</li> <li>Understand about “Clean Green NZ” ways to farm</li> </ul> The aim is to continue next year and complete a NZ Certificate in Primary Industries Level 2.	Level 1 Spanish focuses on being able to use the language to express basic personal information and life experiences that have happened in the past, present or future. You will learn to communicate in Spanish in a range of familiar and everyday situations. You will develop your written, reading, listening and speaking skills in Spanish while also expanding on your cultural knowledge on the Spanish speaking countries.	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.
<b>Contact</b>	Mr M. Troost	Miss T. Fonseca	Matua Wiremu

<b>Course Title</b>	<b>Level 1 Visual Art</b>
<b>Entry</b>	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.
<b>Qualification</b>	NCEA Level 1
<b>Assessment</b>	By Achievement Standards <ul style="list-style-type: none"> <li>• 5 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>
<b>Content</b>	<ul style="list-style-type: none"> <li>• Using artist models as a guide to produce a resolved major art work within a theme and responding to ones own personal culture</li> <li>• Explore Visual Arts processes and conventions to direct your own art making ideas and present ideas about your theme</li> <li>• Create a sustained body of related artworks in response to an art making proposition</li> <li>• Drawing from subject matter in a range of wet and dry media</li> <li>• Painting</li> <li>• Printmaking</li> <li>• Developing ideas</li> <li>• Decision making</li> <li>• Produce a two panel folio board of works in a variety of media</li> </ul>
<b>Contact</b>	Mrs R. Barclay-Clist

# Level 2 Subject Information

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

There are two different Level 2 courses. Students can select one of these, depending on their Level 1 results.

- L2ENGA (Academic)
- L2ENGG (General)

## **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 specialist 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)

## **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
- Six options, most at NCEA Level 2 and some at NCEA Level 3
- Six 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 Academic	Level 2 English General
Entry	Entry 14 credits in Level 1 English including external credits or approval from HoD.	Entry 14 credits in Level 1 English including external credits or approval from HoD.
Qualification	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 8 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 8 credits externally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>• Produce a selection of crafted writing</li> <li>• Personal responses to texts</li> <li>• Analyse connections between texts</li> <li>• Literature analysis</li> <li>• Analyse aspects of unfamiliar text</li> </ul>	<ul style="list-style-type: none"> <li>• Produce a crafted and controlled visual text</li> <li>• Close viewing of film</li> <li>• Oral presentation</li> <li>• Demonstrate information literacy skills</li> <li>• Film and literature analysis</li> <li>• Research</li> </ul>
Contact	Mr D. George	

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 HoD’s discretion.	14 Level 1 credits from Achievement Standards including 91026 or at HoD’s discretion.	14 Level 1 credits from Achievement Standards including two at Merit level from 91036, 91037, 91027, 91038 or at HoD’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"> <li>20 credits</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>19 credits</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>18 credits</li> </ul>
Content	<ul style="list-style-type: none"> <li>Coordinate Geometry</li> <li>Graphical Methods</li> <li>Trigonometric Relationships</li> <li>Algebraic Methods</li> <li>Calculus Methods</li> <li>Systems of Equations</li> </ul>	<ul style="list-style-type: none"> <li>Coordinate Geometry</li> <li>Networks</li> <li>Graphical Methods</li> <li>Sequences and Series</li> <li>Probability</li> <li>Systems of Equations</li> <li>Trigonometry</li> </ul>	<ul style="list-style-type: none"> <li>Questionnaire Design</li> <li>Statistical Inference</li> <li>Statistical Experiments</li> <li>Statistical Reports</li> <li>Probability Methods</li> <li>Simulation</li> </ul>
Contact	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.	Achieved or better in at least 14 credits from level 1 Commerce, or at the discretion of the HoD.	Achieved or better in at least 4 Level 1 Science Standards.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>11 credits internally assessed</li> <li>8 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>18 credits internally assessed</li> <li>4 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>10 credits internally assessed</li> <li>9 credits externally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>Cellular structure and functions</li> <li>Gene variation &amp; change</li> <li>Biological investigation</li> <li>Biological Research</li> <li>Ecological systems</li> </ul>	<ul style="list-style-type: none"> <li>Economic growth</li> <li>Inflation</li> <li>Government Policies</li> <li>Business Activity</li> <li>Market Research</li> <li>Assess critical problems in a large business</li> </ul>	<ul style="list-style-type: none"> <li>Structure, bonding and energy</li> <li>Redox chemistry</li> <li>Chemical Reactivity</li> <li>Titrations</li> <li>Chemical Identification</li> </ul>
Contact	Mrs J. Baker	Mrs R. Baker	Mr C. Townshend

Course Title	Level 2 Construction (Year 1)	Level 2 Construction (Year 2) (For Y13 students)	Level 2 Construction Academy
<b>Entry</b>	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 Building and Construction, Level 1 Engineering. Students who have not completed these courses or are presently Year 10's can apply and discuss their options with Mr Dainty.
<b>Qualification</b>	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"> <li>40 Level 2 Unit Standard credits through BCITO</li> </ul>
<b>Assessment</b>	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. Pathway standards. Garden seat, Outdoor coffee table
<b>Content</b>	Students are expected to build a portfolio showing documented evidence of 2-3 projects covering: <ul style="list-style-type: none"> <li>Safe working practices and health &amp; safety in the workplace</li> <li>Construction hand tools</li> <li>Industry knowledge</li> <li>Timber and material</li> <li>Make cupboard, shelves, tables</li> <li>Plans and specifications</li> <li>Power tools</li> <li>Quality checks</li> <li>Communications</li> </ul> <p><b>There will be a fee to cover the cost of take home materials used by the student on this course.</b></p>	Students are expected to build a portfolio showing documented evidence of 2-3 projects covering: <ul style="list-style-type: none"> <li>Safe working practices and health &amp; safety in the workplace</li> <li>Construction hand tools</li> <li>Industry knowledge</li> <li>Timber and material</li> <li>Outdoor furniture</li> <li>Plans and specifications</li> <li>Power tools</li> <li>Quality checks</li> </ul> <p><b>There will be a fee to cover the cost of take home materials used by the student on this course.</b></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"> <li>Safe working practices and health and safety in the work place</li> <li>Construction hand tools</li> <li>Timber and materials</li> <li>Outdoor furniture</li> <li>Plans &amp; Specifications</li> <li>Power tools</li> <li>Quality checks</li> <li>Communication</li> <li>Mathematics in the building industry</li> </ul> <p><b>There will be a fee to cover the cost of take home materials used by the student on this course.</b></p>
<b>Contact</b>	Mr L. Dainty	Mr L. Dainty	Mr L. Dainty



Course Title	Level 2 Design & Visual Communication (Graphics)	Level 2 Digital Technologies	Level 2 Drama
Entry	Successful completion of Level 1 Design & Visual Communication.	14 credits in Level 1 digital technologies or via interview with HoD.	14 credits in Level 1 Drama, experience in stagecraft or drama teacher approval.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>16 credits internally assessed</li> <li>3 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>18 credits internally assessed</li> <li>3 credits externally assessed</li> </ul>	By Achievement Standards (production unit standards are also available by negotiation, alongside performance credits). <ul style="list-style-type: none"> <li>Up to 17 credits internally assessed</li> <li>8 credits externally assessed</li> </ul>
Content	Students will use visual communication techniques to compose a presentation of a design. They will also develop a product design through graphics practice. Assessment will be based on your ability to use visual communication techniques to generate design ideas and present them.	<ul style="list-style-type: none"> <li>Develop a computer program using advanced techniques</li> <li>Develop a proposal for a digital outcome</li> <li>Develop a design for a digital outcome</li> <li>Develop a digital outcome by using advanced techniques. The outcome is to be 3D printed and/or laser cut and engraved</li> <li>Present a summary of developing a digital outcome</li> </ul>	<ul style="list-style-type: none"> <li>Apply drama techniques in a scripted context.</li> <li>Devise and perform a drama to realise an intention</li> <li>Discuss a drama or theatre form or period with reference to a text</li> <li>Use complex performance skills associated with a drama or theatre form or period</li> <li>Examine the work of a playwright</li> <li>Discuss drama elements, technique, conventions and technologies within live performance</li> </ul>
Contact	Mr L. Dainty	Mr L. Dainty	Mrs K. Reynolds

Course Title	Level 2 Engineering	Level 2 Geography	Level 2 Health
Entry	Successful completion of Year 11 Engineering or by HoD approval. Successful completion of year 1 to progress to year 2.	14 credits in Level 1 Geography or HoD approval.	14 credits at Level 1 Physical Education or Level 1 Health or HoD approval.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	Industry standards competency based Unit Standards <ul style="list-style-type: none"> <li>18 credits</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>14 credits internally assessed</li> <li>8 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>20 credits internally assessed</li> <li>4 credits externally assessed</li> </ul>
Content	<p>Students need to complete theory booklets and practical project demonstrating the following:</p> <ul style="list-style-type: none"> <li>Knowledge of safety procedures in mechanical engineering</li> <li>Ability to select, use and care for engineering hand tools, marking out equipment and dimensional measuring equipment</li> <li>Fabrication</li> <li>Ability to draw and interpret engineering sketches</li> <li>Throughout the year students will follow plans to build a choice of motorised vehicles from a 50cc off road motorbike to a 200cc grass kart</li> </ul> <p><b>There will be a fee to cover the cost of take home materials used by the student on this course.</b></p>	<ul style="list-style-type: none"> <li>Natural Landscapes</li> <li>Skills – mapping, graphing and valuing</li> <li>Geographic Research</li> <li>Contemporary Issues</li> <li>Urban patterns</li> </ul> <p><b>There will be field trips.</b></p>	<ul style="list-style-type: none"> <li>Analyse an adolescent health issue</li> <li>Evaluate factors that influence people's ability to manage change</li> <li>Take action to enhance an aspect of people's wellbeing within the school or wider community</li> <li>Analyse issues related to sexuality and gender to develop strategies for addressing the issues</li> <li>Analyse an interpersonal issue(s) that places personal safety at risk.</li> </ul>
Contact	Mr L. Dainty	Mr T. Baker	Mr B. Alison

Course Title	Level 2 History	Level 2 Hospitality Academy	Level 2 Media Studies
<b>Entry</b>	Successful completion 14 credits of Level 1 History, or HoD 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 HoD.	Students must have a sound understanding of English and good results in this subject.
<b>Qualification</b>	NCEA Level 2	NCEA Level 2 NZ Certificate in Hospitality Level 2	NCEA Level 2
<b>Assessment</b>	By Achievement Standards <ul style="list-style-type: none"> <li>14 credits internally assessed</li> <li>9 credits externally assessed</li> </ul>	By Unit standards <ul style="list-style-type: none"> <li>24 credits</li> <li>Café Practicals</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>19 credits internally assessed</li> <li>4 credits externally assessed</li> </ul>
<b>Content</b>	<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 broader historical topic (tbc).</p> <p>Assessments focus on developing the following skills:</p> <ul style="list-style-type: none"> <li>Using research methods to find useful information about topics</li> <li>Presenting that research in written form</li> <li>Interpreting evidence to help us understand historical topics</li> <li>Understanding how different people view events differently</li> <li>Understanding the causes and consequences of a key event</li> </ul>	<p>Students will work with industry based standards 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"> <li>Food Safety and Hygiene</li> <li>Care and use of knives</li> <li>Prepare and cook food by grilling</li> <li>Prepare &amp; present salads for service</li> <li>Prepare fruit &amp; vegetables</li> <li>Prepare &amp; present basic sandwiches</li> <li>Cook food by baking</li> <li>International cooking</li> <li>Barista Students will be required to do shifts in cafe</li> </ul>	<p>The course involves the design and production of a media product (short film or radio show) 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"> <li>Demonstrate understanding of an ethical issue in the media</li> <li>Demonstrate understanding of representation in the media</li> <li>Demonstrate understanding of the relationship between a media product and its audience</li> <li>Produce a design and plan for a developed media product, using a range of conventions</li> <li>Write developed media text for a specific target audience</li> <li>Develop a media product from a design and plan a range of media conventions</li> </ul>
<b>Contact</b>	Ms A. Bosch	Miss K. Meachin	Mrs T. Christie

Course Title	Level 2 Music	Level 2 Photography	Level 2 Physical Education
Entry	14 credits in Level 1 Music or approval from HoD if Level 1 Music was not taken.	Prerequisite Level 1 English. Level 1 credit attainment will be considered if the class becomes oversubscribed.	14 credits at Level 1 or HoD approval.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	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"> <li>8 credits internally assessed</li> <li>12 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>19 credits internally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>Perform to an audience as an individual and in a group</li> <li>Develop aural skills</li> <li>Study music scores</li> <li>Compose original music</li> </ul>	<ul style="list-style-type: none"> <li>Use drawing methods to apply knowledge of conventions appropriate to photography</li> <li>Develop ideas in a related series of drawings appropriate to established photography practice</li> <li>Demonstrate an understanding of methods and ideas for established practice appropriate to photography</li> <li>Produce a systematic body of work that shows understanding of art making conventions and ideas within photography</li> </ul> <p>This course is ideal for students wanting a career in the following but not limited to: artist, photographer, promotional advertising, journalist, director, editor, film/television camera operator.</p>	<ul style="list-style-type: none"> <li>Methods and principles of training</li> <li>Functional anatomy and biomechanics</li> <li>Skill learning and psychological skills</li> <li>Safe practice in outdoor activity</li> <li>Leadership skills in groups and teams</li> </ul>
Contact	Mr J. Stevenson	Mrs R. Barclay-Clist	Mr B. Alison

Course Title	Level 2 Physics	Level 2 Primary Industries Trade Academy	Level 2 Sports Leadership
Entry	Achieved or better in at least 4 Level 1 Science Standards.	Students can apply or be invited to join this class after successful completion of Level 1 Primary Industries 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.	HoD approval.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2 & 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>6 or 7 credits internally assessed</li> <li>12 credits externally assessed</li> </ul>	By Unit Standards <ul style="list-style-type: none"> <li>40 credits internally assessed</li> </ul>	By Unit Standards <ul style="list-style-type: none"> <li>23 credits internally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>Practical physics – experimental techniques or physics in a selected context</li> <li>mechanics</li> <li>Electricity and electromagnetism</li> <li>Atomic and nuclear physics</li> </ul>	<p>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.</p> <p>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.</p> <p>The aim is to achieve the Level 2 Certificate in any of the following options: Horticulture/Dairy Farming/Equine/Livestock Farming.</p>	<ul style="list-style-type: none"> <li>Adventure base learning</li> <li>Planning a recreation activity</li> <li>Planning and organisation</li> <li>Coaching</li> <li>Exercise prescription in resistance training</li> </ul>
Contact	Mr A. Haines	Mr M. Troost	Mr B. Alison

Course Title	Level 2 Te Reo Māori	Level 2 Tourism
Entry	At least 14 credits gained in Level 1 Te Reo Māori.	HoD Approval.
Qualification	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>• 16 credits internally assessed</li> <li>• 6 credits externally assessed</li> </ul>	By Unit Standards <ul style="list-style-type: none"> <li>• 17 credits internally assessed</li> </ul>
Content	Further developing conversational, formal speaking, writing, performance skills and an increased understanding of tikanga Māori through the study of the topics and events of National significance.	<ul style="list-style-type: none"> <li>• Knowledge of New Zealand as a tourist destination</li> <li>• Work roles within the Tourism industry</li> <li>• World Tourist Destinations</li> <li>• Perform calculation for a Tourism workplace</li> <li>• Read and comprehend work related documents</li> </ul> <p><b>Optional Rotorua trip cost of \$160 approximately.</b></p>
Contact	Matua Wiremu	Mr M. Troost

Course Title	Level 2 Art Design	Level 2 Visual Art (Painting)
Entry	Year 10 Magazine Design and Level 1 Visual Art are an advantage.	A minimum of 10 credits in Level 1 Art, Level 1 English or at the discretion of the HoD.
Qualification	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>• 8 credits internally assessed</li> <li>• 12 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>• 8 credits internally assessed</li> <li>• 12 credits externally assessed</li> </ul>
Content	Students in this course spend the year working towards completion of two graphic design folio boards that have three achievement standards attached. The main area of study is computer generated graphic design where students will learn how to create logos and brand concepts, magazine spreads, posters, merchandise and packaging design. Students will use the Adobe Creative Suite (Photoshop, InDesign, Illustrator) to generate work. Design can utilise a range of approaches including illustration, collage, photography and digital processes following a design process. Ideal for students wanting a career in graphic design, architecture, product design, animation and gaming arts, web design, concept art, branding and marketing design.	<ul style="list-style-type: none"> <li>• Use drawing methods to apply knowledge of conventions appropriate to painting</li> <li>• Develop ideas in a related series of drawings appropriate to established painting practice</li> <li>• Demonstrate an understanding of methods and ideas from established practice appropriate to printing</li> <li>• Produce a systematic body of work that shows understanding of art making conventions and ideas within paint</li> </ul> <p>This course is ideal for students wanting a career in the following, but not limited to: Fine art – artist architecture, archivist, concept art, art director, curator, body artist, tattooist, florist, interior designer, signwriter, exhibition technician, landscaper, architect.</p>
Contact	Mrs T. Christie	Mrs R. Barclay-Clist

# 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 HoDs 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  
Four options at NCEA Level 3 plus two 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 includes:**

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

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: Mrs Cotching on [nicky.cotching@otamatea.school.nz](mailto:nicky.cotching@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 HoD.	Achieved or better in at least 14 credits from Level 2 Business Economics, or at the discretion of the HoD.	Achieved or better in at least three Level 2 Chemistry achievement standards of which one must be achieved by external examination or approval from HoD.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>9 credits internally assessed</li> <li>9 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>12 credits internally assessed</li> <li>4 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>9 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>Human Evolution</li> <li>Biotechnology</li> <li>Socio-scientific issue</li> <li>Homeostasis</li> <li>Plant and Animal responses to the environment</li> </ul>	<ul style="list-style-type: none"> <li>Carry out, with consultation, an innovative and sustainable business activity</li> <li>Analyse a human resource issue affecting businesses</li> <li>Address a complex problem in a global context</li> </ul>	<ul style="list-style-type: none"> <li>Bonding and Structure</li> <li>Thermochemistry</li> <li>Redox reactions</li> <li>Spectroscopic chemistry</li> <li>Patterns in the periodic table</li> <li>Chemistry in our World</li> </ul>
Contact	Mr C. Townshend	Mrs R. Baker	Mrs N. Cotching

Course Title	Level 3 Construction	Level 3 Design & Visual Communication (Graphics)	Level 3 Drama
<b>Entry</b>	Completion of: Level 2 Wood Technology Level 2 Engineering Level 2 Construction	Successful completion of Level 2 Design & Visual Communication or approval by HOD	14 credits in Level 2 Drama. Experience in theatre/drama performance or drama teacher approval.
<b>Qualification</b>	NCEA Level 3 Building Construction and Allied Trade Skills	NCEA Level 3	NCEA Level 3
<b>Assessment</b>	By Unit Standards • 18 credits internally assessed	By Achievement Standards • 12 credits internally assessed • 4 credits externally assessed	By Achievement Standards • Up to 22 credits internally assessed • 4 credits externally assessed
<b>Content</b>	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  <b>There will be a fee to cover the cost of take home materials used by the student on this course.</b>	You will work from a starting point of your own choice using a wide variety of different media to explore the design elements. You will then design an exhibition of your own work that you have completed in your product design project.	<ul style="list-style-type: none"> <li>• Interpret scripted text to integrate drama techniques in performance</li> <li>• Devise and perform a drama to realise a concept</li> <li>• Interpret a prescribed text to demonstrate knowledge of a theatre form or period</li> <li>• Demonstrate understanding of the work of a drama or theatre theorist or practioner</li> <li>• Perform a substantial acting role in a significant production</li> <li>• Apply skills in production such as makeup, stage management, set design, lighting, sound, costume</li> </ul>
<b>Contact</b>	Mr L. Dainty	Mr L. Dainty	Mrs K. Reynolds

Course Title	Level 3 Engineering	Level 3 English: Academic	Level 3 English: General
Entry	14 credits at Level 2 Engineering.	Entry requires 14 credits, including external credits in Year 12 and Level 2 UE Literacy credits (5 reading, 5 writing), or HoD approval.	No prerequisite. Recommended for those students who want to gain UE Literacy credits.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Unit Standards <ul style="list-style-type: none"> <li>18 credits</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>14 credits internally assessed</li> <li>8 credits externally assessed (option of 4 extra credits)</li> </ul>	By Achievement Standards & Unit Standards <ul style="list-style-type: none"> <li>16 credits internally assessed</li> </ul>
Content	Students will undertake the task of fabricating from basic materials a working model steam engine.  <b>There will be a fee to cover the cost of take home materials used by the student on this course.</b>	<ul style="list-style-type: none"> <li>Response to studied written texts</li> <li>Response to studied visual or oral texts</li> <li>Response to unfamiliar texts</li> <li>Produce a selection of fluent and coherent writing</li> <li>Respond critically to significant connections across texts</li> <li>Create a visual OR an oral text</li> </ul>	<ul style="list-style-type: none"> <li>Produce a selection of crafted writing</li> <li>Oral presentation</li> <li>Report writing</li> <li>Interview skills</li> <li>Personal Reading (depending on credits needed)</li> </ul>
Contact	Mr L. Dainty	Mr D. George	Mr D. George

Course Title	Level 3 Geography	Level 3 Health	Level 3 History
Entry	14 credits in Level 2 Geography or HoD approval.	12 credits at Level 2 Health or approval of HoD.	Successful completion (14 credits) of Level 2 History or HoD approval. (Note: History does require some confidence with reading and writing in order to be successful).
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>14 credits internally assessed</li> <li>8 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>14 credits internally assessed</li> <li>5 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>15 credits internally assessed</li> <li>10 credits externally assessed</li> </ul>
Content	<ul style="list-style-type: none"> <li>Geographic environment</li> <li>Skills – mapping, graphing and valuing</li> <li>Planning an event/contemporary events</li> <li>Contemporary issues</li> <li>Global study</li> <li>Geographic research</li> </ul>	<ul style="list-style-type: none"> <li>Analyse a New Zealand health issue</li> <li>Analyse an international health issue</li> <li>Evaluate health practices currently used in New Zealand</li> <li>Analyse a contemporary ethical issue in relation to well being</li> </ul>	<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 broader historical topic (tbc).</p> <p>Assessments focus on developing the following skills:</p> <ul style="list-style-type: none"> <li>Using research methods to find useful information about topics</li> <li>Presenting that research in written form</li> <li>Interpreting evidence to help us understand historical topics</li> <li>Understanding how different people view events differently</li> <li>Understanding the causes and consequences of a key event</li> </ul>
Contact	Mr T. Baker	Mr B. Alison	Ms A. Bosch

Course Title	Level 3 Hospitality Academy	Level 3 Mathematics with Calculus	Level 3 Mathematics – General
Entry	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 91261 and 91262. Three standards must be at merit level or higher, or by HoD approval.	14 credits from Level 2, or approval from HoD.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Unit Standards <ul style="list-style-type: none"> <li>• 20 – 45 credits</li> <li>• Café Practicals</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>• 24 credits</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>• 20 credits</li> </ul>
Content	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"> <li>• Food Safety</li> <li>• Barista students will be required to do shifts in D5 cafe</li> <li>• Commercial kitchen topics including pasta, egg dishes, baking and complex sandwich making</li> </ul>	<ul style="list-style-type: none"> <li>• Differentiation and its applications</li> <li>• Integration and its applications</li> <li>• Modelling and problem solving using trigonometric functions</li> <li>• Systems of Equations</li> <li>• Linear Programming</li> <li>• Critical Path Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Linear programming</li> <li>• Critical path analysis</li> <li>• Simultaneous equation</li> <li>• Trigonometry</li> <li>• Probability</li> <li>• Bivariate Investigation</li> </ul>
Contact	Miss K. Meachin	Mr S. Buksh	Mr C. Gill

Course Title	Level 3 Media Studies	Level 3 Music	Level 3 Photography
<b>Entry</b>	Students must have a sound understanding of English and good results in this subject. Level 2 Media Studies or at HoD approval.	12 credits in Level 2 Music or approval from the HoD.	8 Photography or Painting credits at Level 2. Level 1 or 2 English Analysis Skills.
<b>Qualification</b>	NCEA Level 3	NCEA Level 3	NCEA Level 3
<b>Assessment</b>	By Achievement Standards <ul style="list-style-type: none"> <li>18 credits internally assessed</li> <li>4 credits externally assessed</li> </ul>	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"> <li>8 credits internally assessed</li> <li>14 credits externally assessed</li> </ul>
<b>Content</b>	<p>This course involves the design and production of a media product (short film or radio show) 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"> <li>Demonstrate understanding of an aspect of media industry</li> <li>Analyse a significant development in the media</li> <li>Produce a design for a media product that meets the requirements of a brief</li> <li>Produce a media product to meet the requirements of a brief</li> <li>Write a media text to meet the requirements of a brief</li> </ul>	<ul style="list-style-type: none"> <li>Perform to an audience as an individual and in a group</li> <li>Examine harmonic and tonal conventions in a music score</li> <li>Develop understanding of music's contexts and interpretations</li> <li>Compose original music</li> </ul>	<ul style="list-style-type: none"> <li>Use practical work to demonstrate an understanding of photographic conventions</li> <li>Use drawing to demonstrate understanding of conventions appropriate to photography</li> <li>Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice</li> </ul> <p>This course is ideal for students wanting a career in the following, but not limited to: artist, photographer, promotional advertising, journalist, director, editor, film/television camera operator.</p>
<b>Contact</b>	Mrs T. Christie	Mr J. Stevenson	Mrs R. Barclay-Clist

Course Title	Level 3 Physical Education	Level 3 Physics	Level 3 Statistics and Probability
Entry	14 credits at Level 2 or by the approval of HoD.	Achieved or better in at least three Level 2 Physics achievement standards or approval from HoD.	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 HoD. Students must also have met the requirements for UE Literacy.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>18 credits internally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>6 or 7 credits internally assessed</li> <li>12 credits externally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>20 credits</li> </ul>
Content	<ul style="list-style-type: none"> <li>Plan and evaluate your own personal exercise programme</li> <li>Appraise and evaluate performance in a physical activity</li> <li>Analyse safety issues in outdoor activities</li> <li>Perform a physical activity to a nationally developed standard</li> <li>Evaluate physical activity experiences and devise strategies for life long well being</li> </ul>	<ul style="list-style-type: none"> <li>Practical physics – advanced experimental techniques or socio scientific context</li> <li>Rotational motion, energy and forces</li> <li>Mechanical systems</li> <li>Electricity, electromagnetism, electrical systems</li> <li>Modern physics</li> <li>Application of Physics to a selected context</li> </ul>	<ul style="list-style-type: none"> <li>Bivariate data analysis</li> <li>Stats Based Reports</li> <li>Inference</li> <li>Probability methods</li> <li>Time series</li> </ul>
Contact	Mr B. Alison	Mr A. Haines	Mr C. Gill

Course Title	Level 3 Te Reo Māori	Level 3 Tourism	Level 3 Visual Art (Painting)
Entry	14 credits in Level 2 Te Reo Māori.	Level 3 students who have previously taken Level 2 tourism must have successfully completed Level 2.	8 credits in Level 2 Visual Art. Level 1 or 2 English Analyses Skills.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards <ul style="list-style-type: none"> <li>16 credits internally assessed</li> <li>6 credits externally assessed</li> </ul>	By Unit Standards <ul style="list-style-type: none"> <li>18 credits internally assessed</li> </ul>	By Achievement Standards <ul style="list-style-type: none"> <li>8 credits internally assessed</li> <li>14 credits externally assessed</li> </ul>
Content	Students are required to build a portfolio of evidence showing their understanding of Te Reo Māori in listening, speaking, reading and writing. The course is based on kaupapa of international significance and how they impact on Aotearoa.	<ul style="list-style-type: none"> <li>Knowledge of Australia as a tourist destination</li> <li>Knowledge of New Zealand as a tourist destination</li> <li>Knowledge of the Pacific Islands as a tourist destination</li> <li>The opportunity to do a variety of Maori Tourism standards</li> </ul> <p><b>Optional Rotorua trip cost of \$160 approximately (for accommodation, transport and food).</b></p>	<ul style="list-style-type: none"> <li>Use practical work to demonstrate an understanding of painting conventions</li> <li>Investigate and use of ideas and methods in the context of a drawing study in painting</li> <li>Systematically clarify ideas using drawing informed by established painting practice</li> <li>Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice</li> </ul> <p>This course is ideal for students wanting a career in the following, but not limited to: Fine art – artist, architecture, archivist, concept art, art director, curator, body artist, tattooist, florist, interior designer, signwriter, exhibition technician, landscaper, architect.</p>
Contact	Matua Wiremu	Mr M. Troost	Mrs R. Barclay-Clist