

Otamatea High School Course Directory 2027



Introduction

Students are confronted with a bewildering array of subject choices throughout their schooling. As they progress, choices become even more complicated, with the ability to study at different levels. Entry requirements for tertiary institutions are varied. 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.

Our options afternoon is on the 26th August this year. 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.

Caregivers are invited to attend with their students or any time between 12:00-2:30pm when teachers/HODs 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 2027 NCEA courses.

Careers

Do not hesitate to make an appointment with the career 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 or alternatively visit the school website www.otamatea.school.nz/careers for more general information. If you have a particular career in mind, you can get valuable information on the official CareersNZ website www.careers.govt.nz

If you have no career in mind, don't panic. Many students do not make up their minds until they are close to leaving school. However, you should start thinking about what you might like to do after you finish 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. The Tahatū - Career Navigator website is also very useful.

Option Selections

When putting together your courses for 2027:

- 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. Some students do 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.

Bachelor 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, as well as at each university website. Another worthwhile source of information is www.moneyhub.co.nz.

National Certificate in Educational Achievement (NCEA)

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

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

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

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

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

- Achieved
- Not achieved

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

NCEA Level 1 (usually Year 11)

Awarded when 60 Level 1 credits are earned.

As well as an additional:

- 10 credits in Literacy – usually a 5 credit Reading and a 5 credit Writing Common Assessment Activity (held in the hall, marked externally)
- 10 credits in Numeracy – usually a 10 credit Numeracy Common Assessment Activity (held in the hall, marked externally)

NCEA Level 2 (usually Year 12)

Awarded when 60 credits are earned – Level 1 literacy and numeracy requirements must have been met.

NCEA Level 3 (usually Year 13)

Awarded when 60 credits are earned – Level 1 literacy and numeracy requirements must have been 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 designed to support senior students' transition into the workforce by offering them the opportunity for real workplace learning while still at school. 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, but 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 hands-on, practical learning, as well as knowledge, skills and contacts in their selected industry to give them a head start in their career. In some situations students have been offered full-time employment following their work experience. Gateway can also provide an opportunity for students intending to go to university to experience what their future career may be like before committing to their study.

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 the Gateway should preferably have their 10 literacy and 10 numeracy credits already.

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 which can be funded through the Gateway programme. Gateway has a limited number of spaces available each year and acceptance on to the programme is not guaranteed. Please note, with incoming changes to NCEA there is an expectation that there will also be changes to Gateway, but we have not yet received an indication of what these changes may look like.

Need additional help or guidance?

Contact: Ms Helen Anderson on helen.anderson@otamatea.school.nz

Self-driven Pathways

Self-driven Pathways is a Y12-13 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 through a range of outside education networks, and by helping students find suitable work experience opportunities. It also supports students in the Construction Academy earning the New Zealand Certificate in Building, Construction, and Allied Trades Skills Level 2 and credits from a First Aid course.

Pathways Pillars

Pathways is underpinned by the following “pillars”.

- Success requires effort
- High expectations
- Students take responsibility for their own learning
- Pathways teachers are available as consultants/coaches to support student learning

All students in the Trades academy have to take Pathways as one option

Consider Pathways as an option if...

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



Need additional help or guidance?

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

Distance Learning

Correspondence School

Certain students have demonstrated over the course of their time at Otamatea High School that they can manage their time effectively and can study independently. This is essential for students to be considered to study through the Correspondence School (Te Kura) as it is not easy. 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 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

Senior School Course Structure Years 10-13

YEAR 10		NCEA LEVEL ONE		NCEA LEVEL TWO		NCEA LEVEL THREE
English	→	English	→	English - Academic	→	English - Academic
			→	English - General	→	English - General
Mathematics	→	Mathematics and Statistics	→	Mathematics - Algebra & Calculus	→	Mathematics with Calculus
	→	Mathematics and Statistics with Numeracy	→	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	→	Sports Science	→	Sports Science	→	Sports Science
			→	Sports Leadership		
	→	Health	→	Health	→	Health
Y10 Options: Students do TWO for a year						
Hard Materials Technology	→	Building and Construction	→	Building and Construction	→	Building and Construction
	→	Engineering	→	Engineering	→	Engineering
Commerce	→	Commerce	→	Business Economics	→	Business Studies
Design & Visual Communications	→	Design & Visual Communications	→	Design & Visual Communications	→	Design & Visual Communications
Digital Technology	→	Digital Technology	→	Digital Technology	→	Digital Technology
Drama	→	Drama	→	Drama	→	Drama
Food Technology	→	Hospitality	→	Hospitality Academy	→	Hospitality Academy
	→	Primary Industries Trade Academy	→	Primary Industries Trade Academy		
Magazine Design			→	Media Studies	→	Media Studies
Music	→	Music	→	Music	→	Music
Te Reo Māori	→	Te Reo Māori	→	Te Reo Māori	→	Te Reo Māori
Visual Art	→	Visual Art - General	→	Visual Art - Painting	→	Visual Art - Painting
			→	Visual Art - Photography	→	Visual Art - Photography
	→	Visual Art - Design	→	Art Design	→	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 may 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.

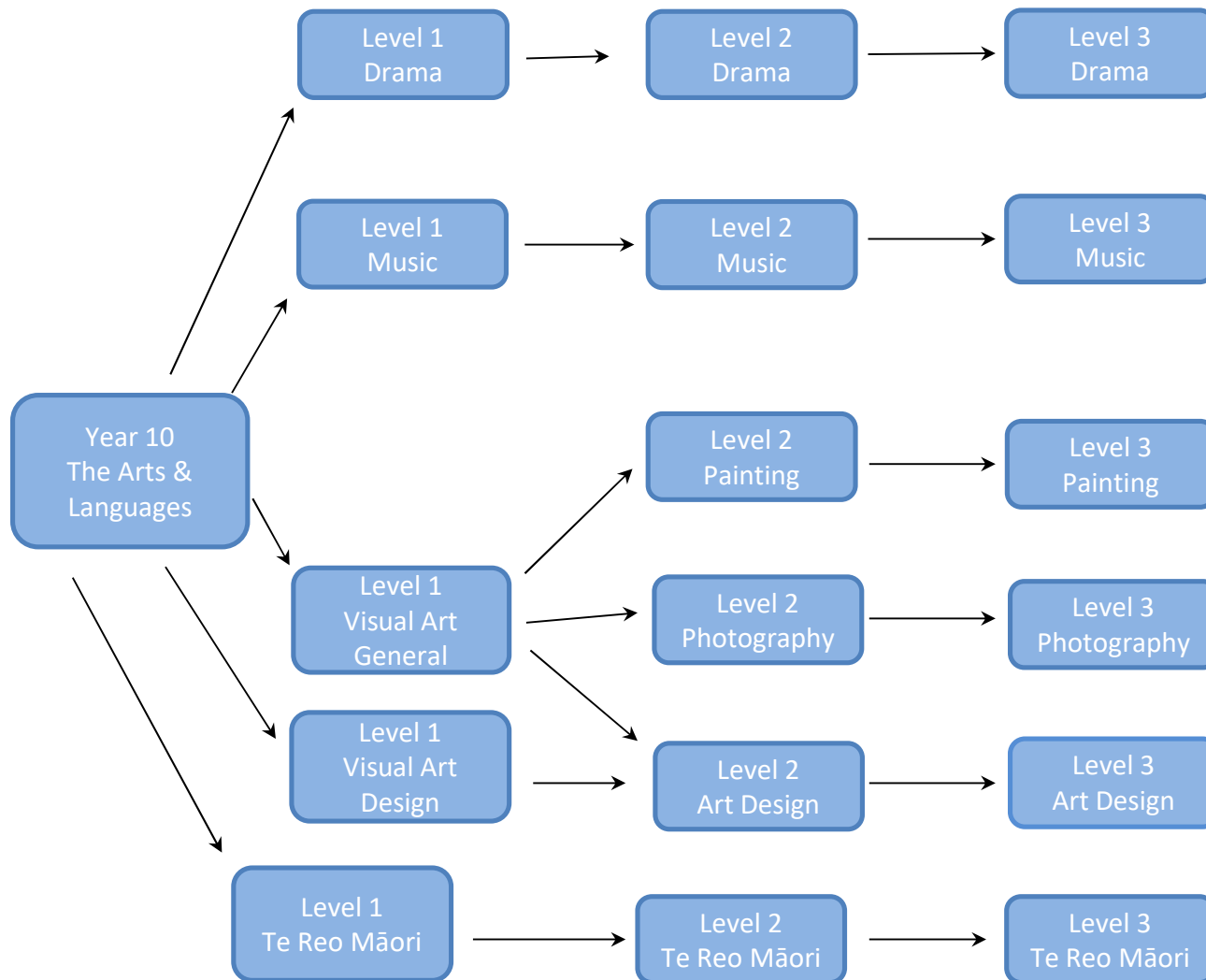
In exceptional cases, students can apply to the HoD for discretionary entry.

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

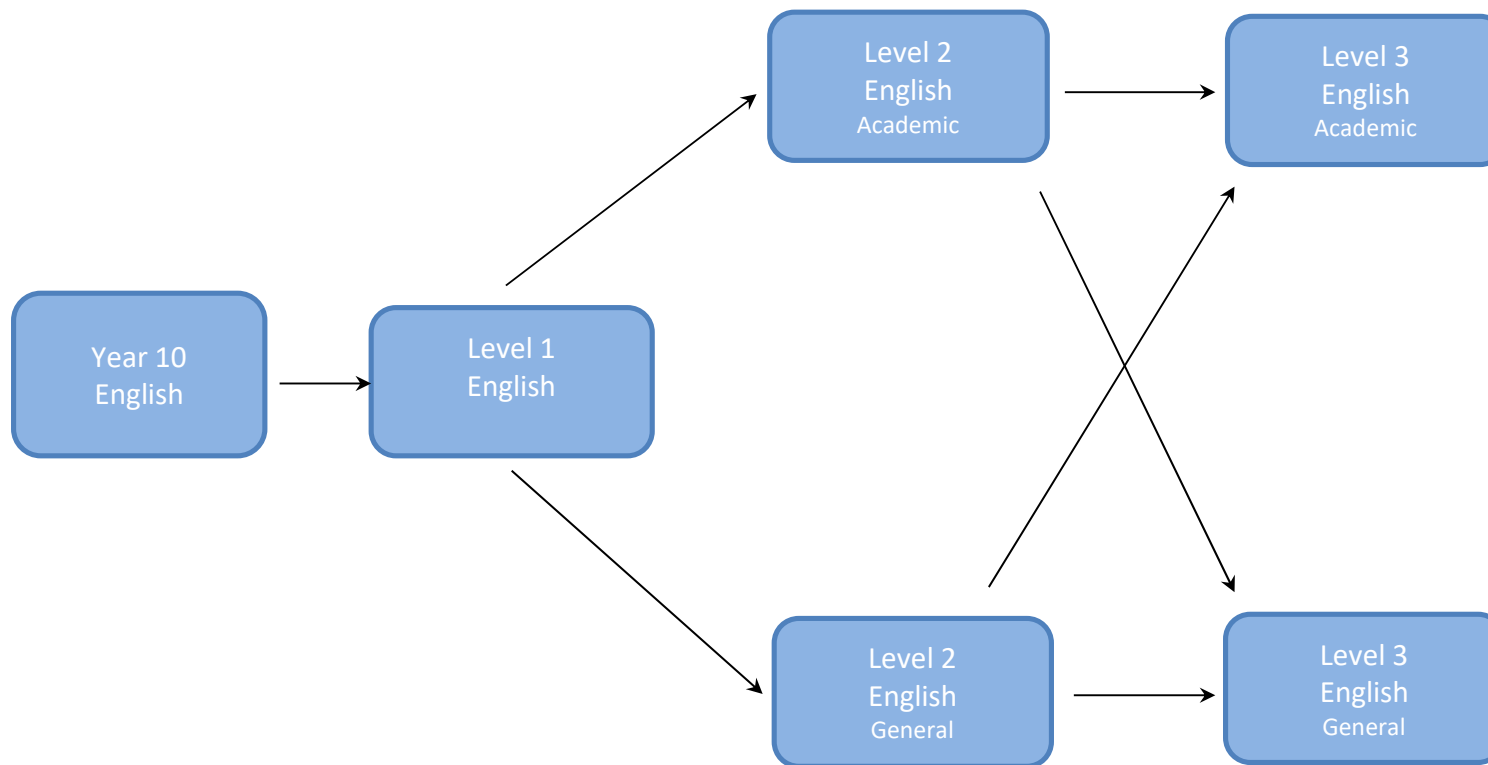


Possible Future Career Opportunities

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

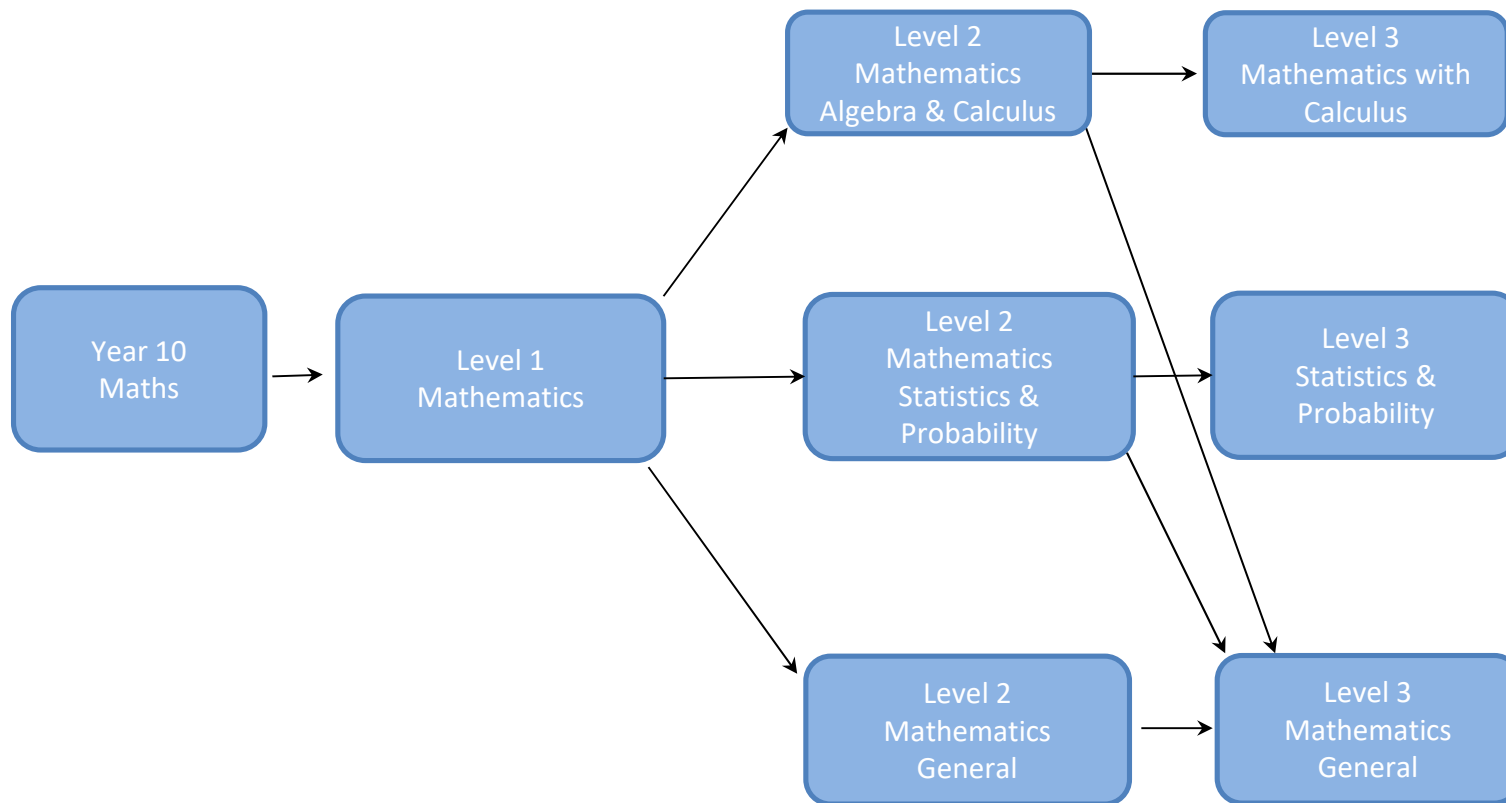


Possible Future Career Opportunities

- 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



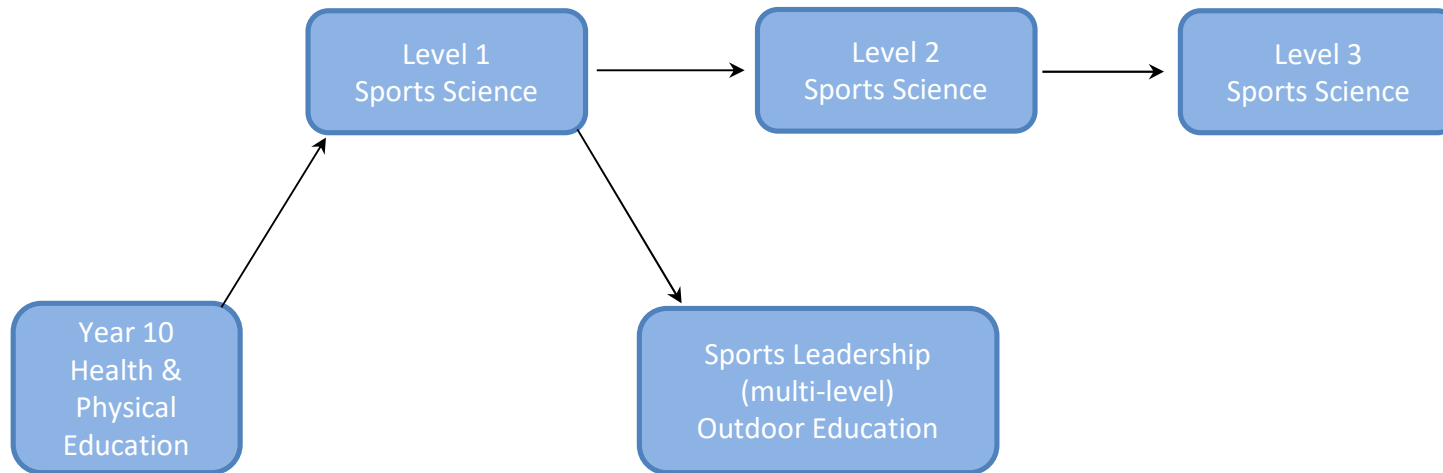
Possible Future Career Opportunities

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.

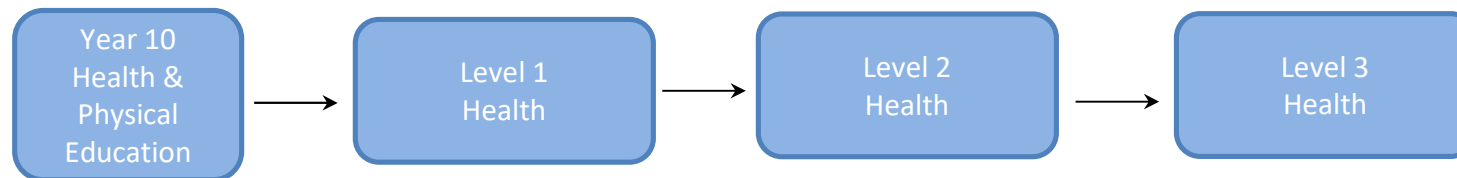
Calculus is used widely in all kinds of engineering (software, chemical, electrical, mechanical, aerospace) as well as physics, chemistry, biology, astronomy and finance.

See career pages for further information

Physical Education



Health

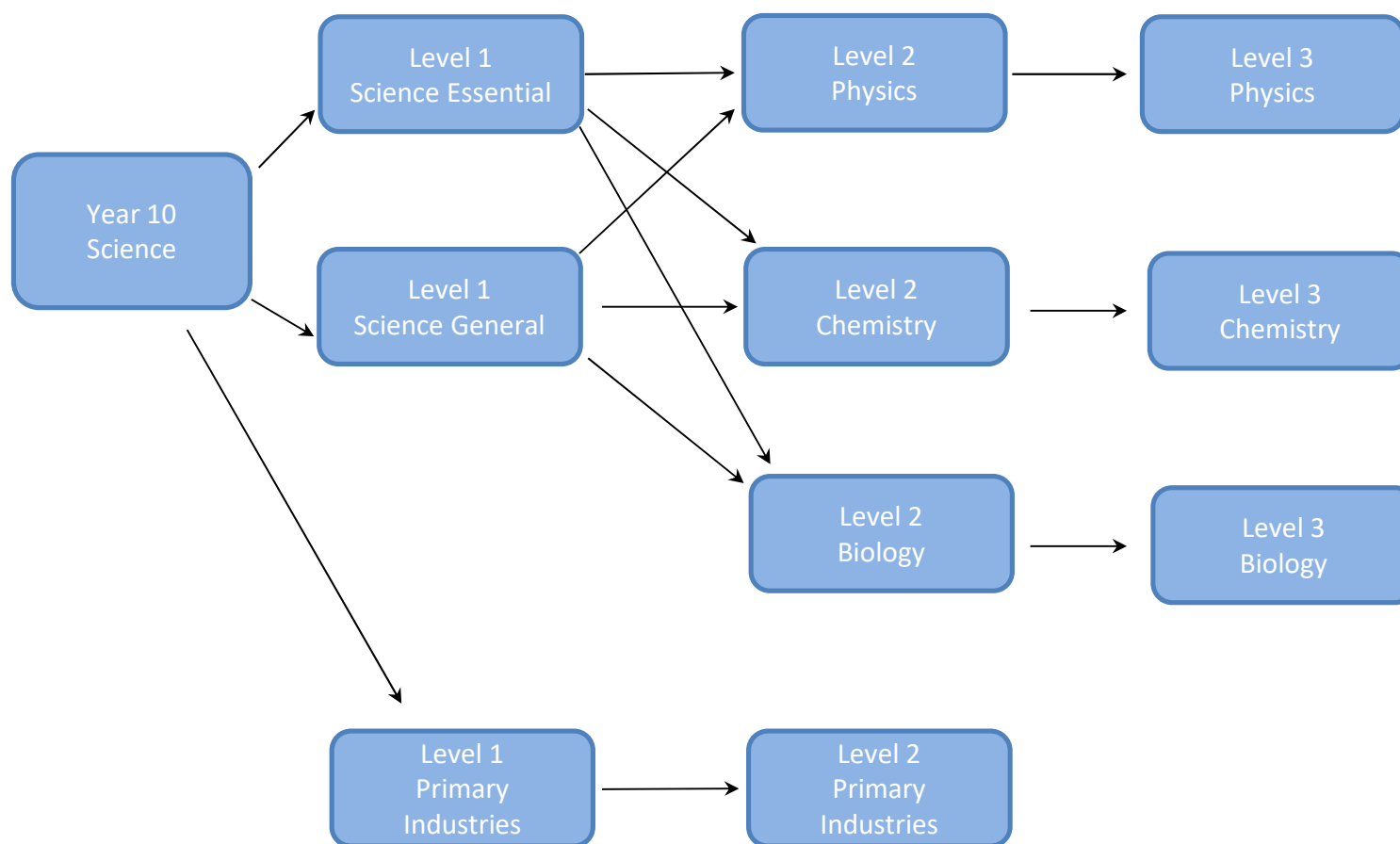


Possible Future Career Opportunities

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

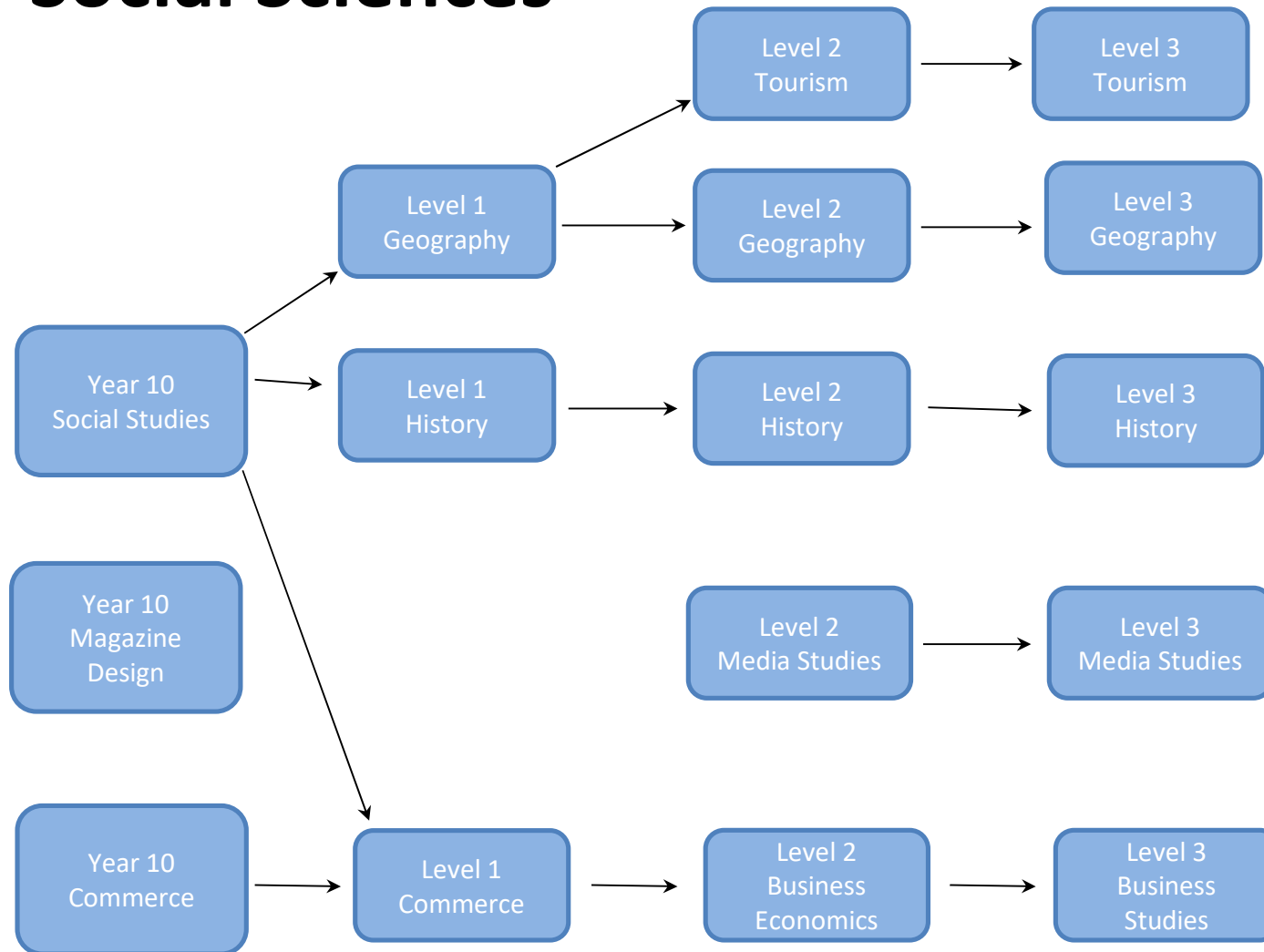


Possible Future Career Opportunities

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

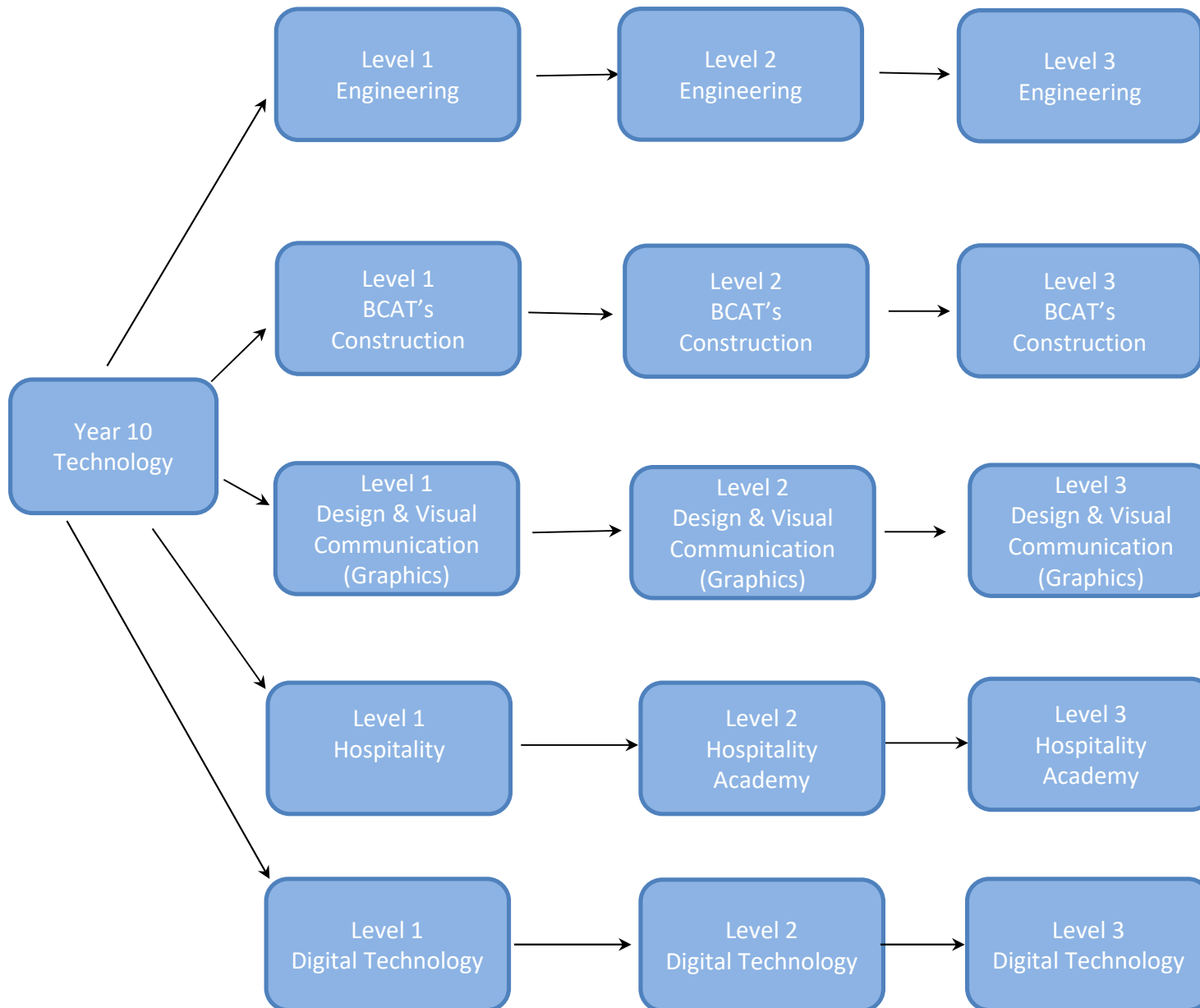


Possible Future Career Opportunities

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
- Engineering
- Food Technology
- French
- Magazine Design
- Music
- Spanish
- Te Reo Māori
- Visual Art
- Wood Technology

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.	Mathematics is compulsory in Year 10	Students are placed in mixed ability classes.
Course Description	Students will develop their English skills through the study of: · Writing · Reading and Viewing · Wide Reading · Presenting · Language	This comprehensive course provides a strong foundation in all key content areas for Mathematics and Statistics. Students will engage with and develop their understanding across number, measurement, algebra, geometry, statistics, and probability. Year 10 Mathematics aims to prepare students for success in NCEA Level 1 and beyond, fostering strong problem-solving and critical thinking skills.	All students study: · Resilience and Hauora · Leadership in sports · My community and me · Relationships and Sexuality · Drugs and Alcohol
Contact	Mr D. George	Mr J. Roux	Mr M. Jarvis

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	Developing scientific skills, such as investigation, reporting and evaluating through the study of: · Atomic Science · Acids & Bases · Metallurgy · Electricity & Magnetism · Forces & Motion · Genetics & Evolution · Medical Science · Earth Science · Fuels & Climate Change	All students study: · Research Skills · Te Tiriti o Waitangi · Government and Laws · Prepping for Life · Economic World · New Zealand Wars · Migration · Passion Project (student choice)
Contact	Mr C. Townshend	Ms A. Bosch

Course Title	Year 10 Commerce	Year 10 Design & Visual Communications (Graphics)	Year 10 Digital Technology
Entry	No previous experience required.	No previous experience necessary.	Any Year 9 Technology course.
Course Description	• What is/makes an entrepreneur • Resources and adding value • Marketing mix (4P's) • Market research • Market Day and Business Plan • Circular flow of income • Disputes Tribunal • Personal budgeting • Finance / Accounts basics • PEST analysis • Business Ethics • Monetary and Fiscal Policy	This course prepares students to take NCEA Level 1 in Design and Visual Communications. Students will learn techniques in freehand sketching and rendering, design skills and CAD (computer aided design). Students will engage in the design process where they research design elements to incorporate into their work. There will be a fee to cover the cost of take-home materials used by the student on this course.	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.
Contact	Mrs R. Baker	Mr L. Dainty	Mr L. Dainty

Course Title	Year 10 Drama	Year 10 Engineering	Year 10 Food Technology
Entry	Year 9 Drama is preferred but not required. Students need to have a positive attitude and a willingness to work in groups.	Students should have completed a Year 9 workshop-based Technology course to a reasonable standard.	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.
Course Description	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. The units explore and develop: Character work: Create a character through a scripted production Devising: Creating original work using drama processes and conventions Acting Techniques: Explore acting techniques and compare theatrical styles	This is a full year course with time spent in the engineering workshop. Students will be in a position to increase their skills, theory and practice to prepare themselves for Year 11. Students will be involved in making a range of products such as a clamp, plumb bob and metal toolbox. Some Level 1 credits may be available. There will be a fee to cover the cost of take-home materials used by the student on this course.	This course is designed to prepare students for NCEA Level 1 Hospitality. 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.
Contact	Mrs A. Lee-Cooper	Mr L. Dainty	Mrs N. Kemp

Course Title	Year 10 Magazine Design	Year 10 Music
Entry	A reasonable aptitude and experience in Art is recommended. Students need to have a positive attitude and ability to work collaboratively as a team.	Students must be able to play an instrument with ability at the level of 2 years of learning the instrument. Students will need to develop skills on one instrument in order to meet the solo and group performance criteria in the course. Students must be willing to engage in regular lessons/practice on their main performance instrument through the itinerant music programme or outside the school.
Course Description	Students will work together as a team to produce the school yearbook. 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 magazine context. This course leads to NCEA Art Design in year 12 and 13.	· Perform as a soloist and as a member of a group · Write an original song · Develop musical ideas through production and arranging · Understand music's contributions to society Students are encouraged to be involved in or organise their own extra-curricular music related activities. For example – Smokefree Rockquest, Olla Podriga and other musical events on the school calendar.
Contact	Mrs T. Christie	Mr A. Blake

Course Title	Year 10 Te Reo Māori	Year 10 Visual Art	Year 10 Wood Technology
Entry	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 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.	Students should have completed a Year 9 workshop-based Technology course to a reasonable standard.
Course Description	The language modes of kōrero (speaking), tuhituhi (writing), mātakitaki (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. These standards are presented through a range of relevant topics. Kapa haka is run separately to this course, this is headed up by our school kaiāwhina - please liaise with her. As part of the new NCEA qualifications there are now credits offered for work in Year 10 Māori Performing Arts.	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.	This is a full year course with time spent in the construction workshop. Students will be in a position to increase their skills, theory and related studies to prepare themselves for Year 11. Students will be involved in making a mirror cabinet with a drawer using traditional cabinet making techniques Some Level 1 credits may be available. There will be a fee to cover the cost of take-home materials used by the student on this course.
Contact		Mrs R. Barclay-Clist	Mr L. Dainty

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.

- L1MATH (Mathematics and Statistics) is an academic programme based on Achievement Standards, which are all taught to the excellence standard. This class prepares students for Level 2 Mathematics with Algebra or Statistics.
- L1MATN (Mathematics and Statistics with Numeracy) is an achievement standard course that supports 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 and Statistics with Algebra	Level 1 Mathematics and Statistics with Numeracy
Entry	A compulsory subject where you will be placed in unstreamed classes	Mathematics is compulsory at Level 1. Students will be placed in the appropriate Level 1 Mathematics course based on their achievement in Year 10 Mathematics and the NCEA Numeracy Common Assessment Activity (CAA) Students in this course are achieving at the expected Curriculum Level in Mathematics and Statistics by the end of Year 10 and will have passed their Numeracy Assessment.	Mathematics is compulsory at Level 1. Students will be placed in the appropriate Level 1 Mathematics course based on their achievement in Year 10 Mathematics and the NCEA Numeracy Common Assessment Activity (CAA). Students in this course are still needing extra support in Mathematics and Statistics and have not yet passed their Numeracy Assessment.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1, Numeracy Co-requisite
Assessment	By Achievement Standards • 10 credits internally assessed • 10 credits externally assessed	By Achievement Standards • 20 credits	By Achievement Standards • 15 credits NCEA Numeracy Common Assessment Activity (CAA)
Content	• Visual Text Study • Written Text Study • Unfamiliar Text Study • Language in Context • Formal OR Creative Writing • Short Texts • Preparation for the CAAs	• Mathematical Reasoning • Statistical Enquiry • Mathematical Methods • Interpreting Data	• Mathematical Reasoning • Statistical Enquiry • Interpreting Data • Numeracy
Contact	Mr D. George	Mr J. Roux	Mr J. Roux

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. Recommended if a student knows they will head into the science field.	This course contains aspects of foundation knowledge in all three sciences. Students may still progress to Level 2 science.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards 11 credits internally assessed 10 credits externally assessed	By Achievement Standards 16 credits internally assessed
Content	- Chemical Reactions - Genetics - Mechanics, Heat, Electricity	- Chemical Reactions - Microbes - Motion, Forces
Contact	Mr C. Townshend	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.	Confidence with literacy and writing required, along with basic numeracy skills. Successful completion of Year 10 social Studies, specifically Economic World & Prepping for Life units.	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 · 19 credits	By Achievement Standards · 10 credits internally assessed · 10 credits externally assessed	By Achievement Standards · 10 credits internally assessed · 10 credits externally assessed
Content	- Students will learn basic construction skills used in the building trades such as workshop safety, using hand tools, knowledge of materials and construction processes. Evidence of learning will be gathered through practical projects and written assessments - Serving tray and sawhorse projects - Garden bench for those who have time (8 L2 credits) There will be a fee to cover the cost of take-home materials used by the student on this course.	Students will learn to: - Understand an organisation's financial decision making - Understand price determination for an organisation - How interdependent financial relationships are affected by an event - How an organisation's financial viability is affected by an event	Students are required to create a portfolio of evidence demonstrating the following skills and knowledge: - Research and the design process - Product design knowledge - Free hand sketching - Instrumental drawing - Colour rendering - Presentation - Mock-up and models - Computer Aided Design There will be a fee to cover the cost of take-home materials used by the student on this course.
Contact	Mr L. Dainty	Mrs S. Harrison-Howe	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 10 credits internally assessed 10 credits externally assessed By Unit Standards 3 credits internally assessed	10 credits internally assessed - Up to 10 credits externally assessed	Industry standards competency based 22 credits internally assessed
Content	- Use computer technology to create and deliver a presentation from given content - Create a computer program - Develop a digital technologies outcome - Demonstrate understanding of usability in human computer interfaces - Design a digital technological outcome	- Explore the function of Theatre Aotearoa - Participate in creative strategies to create a drama - Apply drama techniques to perform a scripted role for an audience - Respond to a drama performance	Students need to complete theory booklets and practical projects demonstrating the following: - Knowledge of safety procedures in mechanical engineering - Basic engineering workshop skills - Simple measuring - Ability to select, use and care for engineering hand tools, marking out equipment and dimensional measuring equipment - Fabrication activities Products include F-clamp, engineers clamp, hacksaw 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).
Contact	Mr L. Dainty	Mrs A. Lee-Cooper	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, or HoD approval.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards 10 credits internally assessed 10 credits externally assessed	By Achievement Standards 10 credits internally assessed 10 credits externally assessed	By Achievement Standards 10 credits internally assessed 10 credits externally assessed
Content	Students will learn to: - Understand the spatial distribution of phenomena and its impacts within te taiao (the environment) - Explore te taiao using data - Demonstrate understanding of how natural processes operate within te taiao - Demonstrate understanding of geographic decision-making in Aotearoa New Zealand or the Pacific	Students will - Take action to enhance personal wellbeing - Demonstrate understanding of interpersonal skills - Develop strategies for making health enhancing decisions in drug related situations - Demonstrate understanding of strategies for promoting positive sexuality - Demonstrate understanding of influences and how they impact self and others	Students will learn to: - Engage with a variety of primary sources in a historical context - Demonstrate understanding of the significance of a historical context - Understand historical concepts in contexts of significance to Aotearoa New Zealand - Understand perspectives on a historical context
Contact	Mr T. Baker	Mr M. Jarvis	Ms A. Bosch

Course Title	Level 1 Hospitality	Level 1 Music	Level 1 Primary Industries Trade Academy
Entry	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.	Students can apply or be invited to join this class. Students must be keen to work safely in their gardens at school. Students should be interested in working in horticulture, agriculture, forestry or fishing industries.
Qualification	NCEA Level 1	NCEA Level 1	NCEA Level 1
Assessment	By Unit Standards 29 credits with the possibility to gain 31	10 credits internally assessed 10 credits externally assessed	By Unit Standards 25 credits internally assessed
Content	Students will work primarily from workbooks. There will be written and practical assessments to show competency in the following skills in a workplace setting: - Food handling - Care and use of knives - Prepare and present meat - Prepare & present fruit & vegetables - Prepare & present egg & cheese dishes - Prepare and present hot finger food - Prepare and present soup and sauces - Prepare and cook cake, scones and sponges - Career pathways in the Hospitality Industry	- Performs to an audience as an individual or in a group - Recreate a song using music elements, aural skills, and production technology - Learn to compose original music - Develop ability to interpret music and its contexts	This course suits students who like to learn by “doing”. Students will develop the knowledge and practical skills to: - Produce a garden to provide food - Find out what jobs are available in the primary industries - Find out how hydration and nutrition affect your work - Understand nursery plant media - Understand how plants work - Learn about soils - Understand about “Clean Green NZ” ways to farm The aim is to continue next year and complete a NZ Certificate in Primary Industries Level 2.
Contact	Mrs N. Kemp	Mr A. Blake	Mr M. Troost

Course Title	Level 1 Sports Science	Level 1 Te Reo Māori
Entry	A positive attitude toward learning and quality engagement in physical education in Year 10.	Year 10 option completion or approval from HoD.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards · 10 credits internally assessed · 10 credits externally assessed	By Achievement Standards · 10 credits internally assessed · 10 credits externally assessed
Content	•Anatomy and Biomechanics – how the body moves •Exercise physiology – the body's response to exercise •Analysing sports performance •Practical performance •Strategies for improving personal performance •Demonstrate self-management strategies •Taking purposeful action to help others participate •Kotahitanga •Movement impact on Hauora	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.
Contact	Mr M. Jarvis	

Course Title	Level 1 Visual Art General	Level 1 Visual Art Design
Entry	It is beneficial but not compulsory for students to have completed Year 10 Art. A competence test may be required if class is oversubscribed. Leads to all senior art strands, including Art Design.	It is beneficial but not compulsory for students to have completed Year 10 Art. Having done Year 10 Magazine will be an advantage.
Qualification	NCEA Level 1	NCEA Level 1
Assessment	By Achievement Standards • 5 credits internally assessed • 10 credits externally assessed NB: Same standards as art design, so cannot take both courses.	By Achievement Standards • 5 credits internally assessed • 10 credits externally assessed NB: Same standards as general art, so cannot take both courses.
Content	• Explore Visual Arts processes and conventions to direct your own art making ideas and present ideas about your theme. • Create a sustained body of related artworks in response to an art making proposition • Drawing from subject matter in a range of wet and dry media • Painting • Printmaking • Using artist models • Developing ideas • Decision making • Produce a one panel folio board of works in a variety of media	• Explore Visual Arts Design processes and conventions to direct your own art making ideas and present ideas about your theme. • Create a sustained body of related design, illustration, photographic artworks in response to an art making proposition. • Drawing from subject matter in a range of wet and dry media • Illustration • Graphic design • Using design models • Developing ideas • Decision making • Produce a one panel folio board of works in a variety of media
Contact	Mrs R. Barclay-Clist	Mrs T. Christie

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
- Whether or not they have achieved their Literacy and Numeracy requirements.

Course Title	Level 2 English Academic	Level 2 English General
Entry	Entry 15 credits in Level 1 English including external credits or approval from HoD. This course offers all of the required Level 2 UE Literacy credits.	Entry 10 credits in Level 1 English including external credits or approval from HoD. This course teaches practical applications of the skills of subject English.
Qualification	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards 14 credits internally assessed 8 credits externally assessed	By Achievement Standards 21 credits internally assessed
Content	- Produce a selection of crafted writing - Analyse connections between texts - Literature analysis (Film and Written) - Use Information Literacy - Create an Oral OR a Visual Text	- Connections across texts - Oral Texts - Interview Skills - Understanding written sources - Creating visual texts - Writing Business correspondence
Contact	Mr D. George	

Course Title	Level 2 Mathematics with Algebra & Calculus	Level 2 Mathematics General	Level 2 Mathematics with Statistics
Entry	Minimum of 15 credits from Level 1 Mathematics Achievement Standards including a Merit in AS91947 or at HoD's discretion	Minimum of 10 credits from Level 1 Mathematics Achievement Standards or at HoD's discretion	Minimum of 15 Level 1 Mathematics credits including at least a Merit in AS91944 and AS91946 or with approval from HoD. It is also recommended that students have met Level 1 Literacy requirements.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards · 20 credits	By Achievement Standards · 17 credits	By Achievement Standards · 18 credits
Content	· Coordinate Geometry · Graphical Methods · Trigonometric Relationships · Algebraic Methods · Calculus Methods · Systems of Equations	· Coordinate Geometry · Networks · Sequences and Series · Probability · Simulations · Trigonometry · Questionnaire Design	· Questionnaire Design · Statistical Inference · Statistical Experiments · Statistical Based Reports · Probability Methods · Probability Simulations
Contact	Mr J. Roux		

Course Title	Level 2 Art Design	Level 2 Biology	Level 2 Business Economics
Entry	NCEA L1, 10 Magazine Design and Level 1 Visual Art are an advantage.	Achieved or better in at least 3 Level 1 Science Standards.	Achieved or better in at least 14 credits from level 1 Commerce, or at the discretion of the HoD.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards 8 credits internally assessed 12 credits externally assessed	By Achievement Standards 11 credits internally assessed 8 credits externally assessed	By Achievement Standards 12 credits internally assessed 8 credits externally assessed
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 can also pursue a character design/ game concept art design campaign. 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.	- Cellular structure and functions - Genetic variation and change - Biological investigation - Animal adaptations - Ecological systems	- Market Research - Business Activity - Motivation Theory - Assess critical problems in a large business - Assess external factors affecting a large business
Contact	Mrs T. Christie	Mrs J. Baker	Mrs R. Baker

Course Title	Level 2 Chemistry	Level 2 Construction Academy	Level 2 Design & Visual Communication
Entry	Achieved or better in at least 3 Level 1 Science Standards.	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. (Year 10 students wanting to enter a trade at Year 11 may also apply if eligible)	Successful completion of Level 1 Design & Visual Communication.
Qualification	NCEA Level 2	National Certificate in Building Construction & Allied Trade Skills Level 2 (This is a tertiary qualification). • 40 Level 2 Unit Standard credits through BCITO	NCEA Level 2
Assessment	By Achievement Standards • 10 credits internally assessed • 9 credits externally assessed	A range of theory and practical based Unit Standard assessments. Pathway standards. Projects may include, retaining walls, fences and non-consented garden shed	By Achievement Standards • 16 credits internally assessed • 3 credits externally assessed
Content	• Structure, bonding and energy • Redox chemistry • Chemical Reactivity • Titrations • Chemical Identification	For the National Certificate in Building & Construction, students will build 5 practical projects that reinforce the theory units: • Safe working practices and health and safety in the work-place • Construction hand tools • Timber and materials • Outdoor furniture • Plans & Specifications • Power tools • Quality checks • Communication • Mathematics in the building industry There will be a fee to cover the cost of take-home materials used by the student on this course.	Students will use visual communication techniques combined with product design knowledge to develop a project. This will be presented at the end of the year as a portfolio of your work. Assessment will be based on your ability to use visual communication techniques to generate design ideas and present them. There will be a fee to cover the cost of take-home materials used by the student on this course.
Contact	Mr C. Townshend	Mr L. Dainty	Mr L. Dainty

Course Title	Level 2 Digital Technologies	Level 2 Drama	Level 2 Engineering
Entry	14 credits in Level 1 digital technologies or via interview with HoD.	14 credits in Level 1 Drama or approval from HoD if Level 1 Drama was not taken.	Successful completion of Year 11 Engineering or by HoD approval.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards 18 credits internally assessed 3 credits externally assessed By Unit Standards 5 credits internally assessed	By Achievement Standards (production unit standards are also available by negotiation, alongside performance credits). - Up to 17 credits internally assessed 8 credits externally assessed	Industry standards competency based Unit Standards 18 credits
Content	- Demonstrate knowledge of computing hardware, software and terminology to select digital tools for specified purposes - Develop a computer program using advanced techniques - Develop a proposal for a digital outcome - Develop a design for a digital outcome - Develop a digital outcome by using advanced techniques. The outcome is to be 3D printed and/or laser cut and engraved - Present a summary of developing a digital outcome	- Apply drama techniques in a scripted context. - Devise and perform a drama to realise an intention - Discuss a drama or theatre form or period with reference to a text - Use complex performance skills associated with a drama or theatre form or period - Examine the work of a playwright	Students need to complete theory booklets and practical project demonstrating the following: - Knowledge of safety procedures in mechanical engineering - Ability to select, use and care for engineering hand tools, marking out equipment and dimensional measuring equipment - Fabrication - Ability to draw and interpret engineering sketches - Throughout the year students will build a 200cc grass kart There will be a fee to cover the cost of take-home materials used by the student on this course.
Contact	Mr L. Dainty	Mrs A. Lee-Cooper	Mr L. Dainty

Course Title	Level 2 Geography	Level 2 Health	Level 2 History
Entry	14 credits in Level 1 Geography or HoD approval.	14 credits at Level 1 Physical Education or Level 1 Health or HoD approval.	Successful completion 15 credits of Level 1 History, or HOD approval. (Note: History does require confidence with reading and writing in order to be successful).
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards 14 credits internally assessed 8 credits externally assessed	By Achievement Standards 14 credits internally assessed 4 credits externally assessed	By Achievement Standards 10 credits internally assessed 9 credits externally assessed
Content	- Large Natural Landscapes (NZ / Overseas) - Skills and Concepts – mapping, graphing and valuing - Geographic Research - Contemporary Issues - Global Topic	- Analyse an adolescent health issue - Evaluate factors that influence people's ability to manage change - Take action to enhance an aspect of people's wellbeing within the school or wider community - Analyse issues in media related to sexuality and gender to develop strategies for addressing the issues	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). Assessments focus on developing the following skills: - Using research methods to find useful information about topics - Presenting that research in written form - Interpreting evidence to help us understand historical topics - Understanding how different people view events differently - Understanding the causes and consequences of a key event
Contact	Mr T. Baker	Mr M. Jarvis	Ms A. Bosch

Course Title	Level 2 Hospitality Academy	Level 2 Media Studies	Level 2 Music
Entry	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.	14 credits in Level 1 Music or approval from HoD if Level 1 Music was not taken.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Unit Standards • 24 credits • Café practical's	By Achievement Standards • 19 credits internally assessed • 4 credits externally assessed	By Achievement Standards (others may be available by negotiation) • 16 credits internally assessed • 4 credits externally assessed
Content	Students will work with industry-based standards from workbooks. There will be written and practical assessments to show competency in the following skills in a workplace setting: • Food Safety and Hygiene • Care and use of knives • Prepare and cook food by grilling • Prepare & present salads for service • Prepare fruit & vegetables • Prepare & present basic sandwiches • Cook food by baking • International cooking • Barista Students will be required to do shifts in cafe	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. • Learn how media (like films, ads, or magazines) use images, sound and editing to tell stories • Study how people or groups (like teens, women, or cultures) are shown in the media • Explore the features of a specific genre (like horror or film noir) and how it works • Understand how media messages can shape what people think or believe • Plan and create your own media product, like a short film or radio show • Work with others to bring your creative ideas to life and solve production challenges	Perform two pieces to an audience as an individual • Perform one piece to an audience in a group • Develop an advanced understanding of theoretical concepts in music scores • Compose two pieces of original music • Investigate an aspect of New Zealand music
Contact	Mrs N. Kemp	Mrs T. Christie	Mr A. Blake

Course Title	Level 2 Photography	Level 2 Physics	Level 2 Primary Industries Trade Academy
Entry	Prerequisite Level 1 English. Level 1 credit attainment will be considered if the class becomes oversubscribed.	Achieved or better in at least 3 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.
Qualification	NCEA Level 2	NCEA Level 2	NCEA Level 2
Assessment	By Achievement Standards 8 credits internally assessed 12 credits externally assessed	By Achievement Standards 6 or 7 credits internally assessed 12 credits externally assessed	By Unit Standards 29 credits internally assessed
Content	Students in this course spend the year working towards completion of two photography folio boards that have three achievement standards attached. - Use drawing methods to apply knowledge of conventions appropriate to photography - Develop ideas in a related series of drawings appropriate to established photography practice - Demonstrate an understanding of methods and ideas for established practice appropriate to photography - Produce a systematic body of work that shows understanding of art making conventions and ideas within photography 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.	- Practical physics – experimental techniques or physics in a selected context - mechanics - Electricity and electromagnetism - Atomic and nuclear physics	Students will have the opportunity to develop practical skills and knowledge through work experience and a classroom programme that will be partly designed around their career choice. Students can spend up to 1 day a week in the workplace where they will be expected to gain on the job credits. They can try more than 1 workplace. This programme will contain at least 40 credits at Level 2. The aim is to achieve the Level 2 Certificate in any of the following options: Horticulture/Dairy Farming/Equine/Livestock Farming. Students will have the opportunity to attend Fencing and Pest Control courses where they can gain skills and credits
Contact	Mrs R. Barclay-Clist	Mr C. Townshend	Mr M. Troost

Course Title	Level 2 Sports Leadership	Level 2 Sport Science	Level 2 Te Reo Māori
Entry	HoD approval.	14 credits at Level 1 or HoD approval.	At least 14 credits gained in Level 1 Te Reo Māori.
Qualification	NCEA Level 2 & 3	NCEA Level 2	NCEA Level 2
Assessment	By Unit Standards • 21 credits internally assessed	By Achievement Standards • 19 credits internally assessed	By Achievement Standards • 16 credits internally assessed • 6 credits externally assessed
Content	• Adventure base learning • Planning a recreation activity • Planning and organisation • Coaching • Exercise prescription in resistance training	• Methods and principles of training • Functional anatomy and biomechanics • Skill learning and psychological skills • Safe practice in outdoor activity • Leadership skills in groups and teams	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.
Contact	Mr M. Jarvis	Mr M. Jarvis	

Course Title	Level 2 Tourism	Level 2 Visual Art (Painting)
Entry	HoD approval	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 Unit Standards • 17 credits internally assessed	By Achievement Standards • 8 credits internally assessed • 12 credits externally assessed
Content	• Knowledge of New Zealand as a tourist destination • Work roles within the Tourism industry • World Tourist Destinations • Perform calculation for a Tourism workplace • Read and comprehend work related documents Optional Rotorua trip cost of \$230 approximately	Students in this course spend the year working towards completion of two painting folio boards that have three achievement standards attached. • Use drawing methods to apply knowledge of conventions appropriate to painting • Develop ideas in a related series of drawings appropriate to established painting practice • Demonstrate an understanding of methods and ideas from established practice appropriate to printing • Produce a systematic body of work that shows understanding of art making conventions and ideas within paint 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.
Contact	Mr M. Troost	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:

Art Design	English	Physics
Biology	Geography	Sport Science
Business	History	Science
Calculus	Mathematics	Statistics
Chemistry	Media Studies	Technology
Digital Technology	Music Studies	Te Reo Māori
Drama	Painting (Art)	
DVC	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

Course Title	Level 3 Art Design	Level 3 Biology	Level 3 Business Studies
Entry	8 Art Design, Photography or Painting credits at Level 2.	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.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards 8 credits internally assessed 14 credits externally assessed	By Achievement Standards 9 credits internally assessed 9 credits externally assessed	By Achievement Standards 12 credits internally assessed 8 credits externally assessed
Content	Students in this course spend the year working towards completion of three 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 can also pursue a character design/ game concept art design campaign. Students will use the Adobe Creative Suite (Photoshop, InDesign, Illustrator) to generate work. Design can utilise a range of approaches including a hand drawn illustration, collage, photography and digital processes following a design process. The course is ideal for students wanting a career in graphic design, architecture, product design, animation, gaming arts, web design, concept art, branding and marketing design.	- Human Evolution - Biotechnology - Socio-scientific issue - Homeostasis - Plant and Animal responses to the environment	- Carry out, with consultation, an innovative and sustainable business activity - Analyse a human resource issue affecting businesses - Address a complex problem in a global context - Demonstrate understanding of how external factors interact within a business that operates in a global context
Contact	Mrs T. Christie	Mr C. Townshend	Mrs R. Baker

Course Title	Level 3 Chemistry	Level 3 Construction	Level 3 Design & Visual Communication (Graphics)
Entry	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.	Completion of: Level 2 Wood Technology Level 2 Engineering Level 2 Construction	Successful completion of Level 2 Design & Visual Communication or by interview with HoD
Qualification	NCEA Level 3	NCEA Level 3 Building Construction and Allied Trade Skills	NCEA Level 3
Assessment	By Achievement Standards 9 credits internally assessed 10 credits externally assessed	By Unit Standards 18 credits internally assessed	By Achievement Standards 12 credits internally assessed 4 credits externally assessed
Content	- Organic chemistry - Thermochemistry - Redox reactions - Spectroscopic chemistry - Patterns in the periodic table - Chemistry in our World	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 Students taking this course will be expected to be able to work partially supervised There will be a fee to cover the cost of take-home materials used by the student on this course.	Students will develop design ideas generated by a variety of starting points. Projects are student selected and will continue throughout the year to build a portfolio of a resolved product idea. A final exhibition will showcase the students' work. There will be a fee to cover the cost of take-home materials used by the student on this course.
Contact	Mrs N. Cotching	Mr L. Dainty	Mr L. Dainty

Course Title	Level 3 Drama	Level 3 Digital Technology	Level 3 Engineering
Entry	14 credits in Level 2 Drama. Experience in theatre/drama performance or drama teacher approval.	Successful completion of a Year 12 technology option as determined by their teacher. Those who did Level 2 digital technologies will be given priority.	14 credits at Level 2 Engineering.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards - Up to 22 credits internally assessed 4 credits externally assessed	By Achievement Standards 12 credits internally assessed 6 credits externally assessed By Unit Standards 3 credits internally assessed	By Unit Standards 14 credits
Content	- Interpret scripted text to integrate drama techniques in performance - Devise and perform a drama to realise a concept - Interpret a prescribed text to demonstrate knowledge of a theatre form or period - Demonstrate understanding of the work of a drama or theatre theorist or practitioner - Perform a substantial acting role in a significant production - Apply skills in production such as makeup, stage management, set design, lighting, sound, costume	- Troubleshoot, fix and escalate a range of common hardware and software problems - Use complex programming techniques to develop a computer program - Use complex processes to develop a digital technologies outcome - Analyse an area of computer science - Present a reflective analysis of developing a digital outcome	Students will undertake the task of fabricating from basic materials a working model steam engine. Materials used include brass, copper, stainless steel, mild steel, aluminium, silversteel, tinsplate. Joining processes include brazing, silver solder, lead solder, and solid rivet. There will be a fee to cover the cost of take-home materials used by the student on this course.
Contact	Mrs A. Lee-Cooper	Mr L. Dainty	Mr L. Dainty

Course Title	Level 3 English: Academic	Level 3 English: General	Level 3 Geography
Entry	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.	14 credits in Level 2 Geography or HoD approval.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards 14 credits internally assessed 8 credits externally assessed (option of 4 extra credits)	By Achievement Standards & Unit Standards 16 credits internally assessed	By Achievement Standards 14 credits internally assessed 8 credits externally assessed
Content	- Response to studied written texts - Response to studied visual or oral texts - Response to unfamiliar texts - Produce a selection of fluent and coherent writing - Respond critically to significant connections across texts - Create a visual OR an oral text	- Produce a selection of crafted writing - Oral presentation - Report writing - Interview skills - Personal Reading (depending on credits needed)	- Large Geographic environment – Coastal Processes - Skills and Concepts – mapping, graphing and valuing - Contemporary Geographic Issues - Global study - Geographic research
Contact	Mr D. George	Mr D. George	Mr T. Baker

Course Title	Level 3 Health	Level 3 History	Level 3 Hospitality Academy
Entry	12 credits at Level 2 Health or approval of HoD.	Successful completion of 14 credits in Level 2 History or HoD approval. (Note: History does require some confidence with reading and writing in order to be successful).	Priority given to students that have gained a minimum of 14 Hospitality credits at Level 2, including US167 (the compulsory food safety standard at Level 2).
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards 14 credits internally assessed 5 credits externally assessed	By Achievement Standards 10 credits internally assessed 10 credits externally assessed	By Unit Standards 34 credits or 38 if not done at Level 2 previously - Café Practical's
Content	- Analyse a New Zealand health issue - Analyse an international health issue - Evaluate health practices currently used in New Zealand - Analyse a contemporary ethical issue in relation to well being	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). Assessments focus on developing the following skills: - Using research methods to find useful information about topics - Presenting that research in written form - Interpreting evidence to help us understand historical topics - Understanding how different people view events differently - Understanding the causes and consequences of a key event	Students will work from workbooks with practical assessments to show competency in the following skills in a commercial setting: - Food Safety - Barista students will be required to do shifts in D5 cafe - Commercial kitchen topics including pasta, egg dishes, baking, meat dishes, chutneys and pickles, culinary terms and complex sandwich making
Contact	Mr M. Jarvis	Ms A. Bosch	Mrs N. Kemp

Course Title	Level 3 Mathematics with Calculus	Level 3 Mathematics General	Level 3 Statistics and Probability
Entry	Minimum of 14 credits at Merit from Level 2 Mathematics including achievement in external standards 91261 Algebra and 91262 Calculus.	Minimum of 10 credits from any Level 2 Mathematics course or with approval from HoD.	Minimum of 14 credits from Level 2 Mathematics and Statistics, including at least two of 91263, 91264, 91266, 91267 and 91268 at Merit level or above; or with approval from HOD. It is also recommended that students have met the requirements for UE Literacy.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards · 24 credits	By Achievement Standards · 20 credits	By Achievement Standards · 20 credits
Content	· Systems of Equations · Linear Programming · Critical Path Analysis · Trigonometry · Differentiation · Integration	· Systems of Equations · Linear Programming · Critical Path Analysis · Bivariate Data Analysis · Time Series Analysis · Probability Concepts	· Bivariate Data Analysis · Time Series Analysis · Formal Inference · Statistically Based Reports · Probability Concepts
Contact	Mr J. Roux	Mr J. Roux	Mr J. Roux

Course Title	Level 3 Music	Level 3 Photography	Level 3 Physics
Entry	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.	Achieved or better in at least three Level 2 Physics achievement standards or approval from HoD.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	Each student completes an individual programme which consists of a combination of internal and externally assessed Achievement standards	By Achievement Standards 8 credits internally assessed 14 credits externally assessed	By Achievement Standards 6 or 7 credits internally assessed 12 credits externally assessed
Content	- Perform two musical programmes to an audience as an individual - Perform one musical programme to an audience as a group - Examine harmonic and tonal conventions in a music score - Choose between composing original music or writing songs.	Students in this course spend the year working towards completion of three photography folio boards that have three achievement standards attached. - Use practical work to demonstrate an understanding of photographic conventions - Use drawing to demonstrate understanding of conventions appropriate to photography - Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice 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.	- Practical physics – advanced experimental techniques or socio scientific context - Rotational motion, energy and forces - Mechanical systems - Electricity, electromagnetism, electrical systems - Modern physics - Application of Physics to a selected context
Contact	Mr A. Blake	Mrs R. Barclay-Clist	Mr C. Townshend

Course Title	Level 3 Sport Science	Level 3 Media Studies	Level 3 Te Reo Māori
Entry	14 credits at Level 2 or HoD Approval	Students must have a sound understanding of English and good results in this subject. Level 2 Media Studies or at HoD approval.	14 credits in Level 2 Te reo Māori.
Qualification	NCEA Level 3	NCEA Level 3	NCEA Level 3
Assessment	By Achievement Standards 18 credits internally assessed	By Achievement Standards 18 credits internally assessed 4 credits externally assessed	By Achievement Standards 16 credits internally assessed 6 credits externally assessed
Content	- Plan and evaluate your own personal exercise programme - Appraise and evaluate performance in a physical activity - Analyse safety issues in outdoor activities - Perform a physical activity to a nationally developed standard - Evaluate physical activity experiences and devise strategies for life long well being	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. - Learn how media (like films or shows) use techniques to tell stories and create meaning. - Explore different ways people can understand or “read” a media text - Look at how media connects to real-world issues, history, and society - Study how people and groups are represented and what message this sends - Plan and make your own media product, like a short film or radio show - Come up with a strong idea for a media project and explain your creative choices	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.
Contact	Mr M. Jarvis	Mrs T. Christie	

Course Title	Level 3 Tourism	Level 3 Visual Art (Painting)
Entry	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 Analysis Skills.
Qualification	NCEA Level 3	NCEA Level 3
Assessment	By Unit Standards 18 credits internally assessed	By Achievement Standards 8 credits internally assessed 14 credits externally assessed
Content	- Knowledge of Australia as a tourist destination - Knowledge of New Zealand as a tourist destination - Knowledge of the Pacific Islands as a tourist destination - The opportunity to do a variety of Maori Tourism standards Optional Rotorua trip cost of \$230 approximately	Students in this course spend the year working towards completion of three painting folio boards that have three achievement standards attached. - Use practical work to demonstrate an understanding of painting conventions - Investigate and use of ideas and methods in the context of a drawing study in painting - Systematically clarify ideas using drawing informed by established painting practice - Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice This course is ideal for students wanting a career in the following, but not limited to: fine art artist, architect, artist architecture, archivist, concept art, art director, curator, body artist, tattooist, florist, interior designer, signwriter, exhibition technician, landscaper, architect.
Contact	Mr M. Troost	Mrs R. Barclay-Clist