



# TOKOMAIRIRO HIGH SCHOOL

Milton, New Zealand

## Senior Course Selection 2019



# Table of Contents

3	Course advisors
4	NCEA information
5	University Entrance requirements
6	2019 course structure
7	Getting advice
8	Questions to consider
9	My module choices
10	List of all modules by subject
11	List of modules available to year 11 students
12	List of modules available to year 12 students
13	List of modules available to year 13 students
14	Module descriptions in alphabetical order
33	My finalised module choices

# Welcome to Tokomairiro High School

The aim of this booklet is to help you plan and select your course for next year.

**To get course planning advice see the following teachers:**

Careers teacher	Mrs Ferguson
Senior Dean	Mrs Whaley
Deputy Principal	Mr King
Assistant Principal	Mr Gilling
HOD English	Ms Hart and Ms Eames
HOD Maths	Mr Sykes
HOD Science	Mrs Whaley
HOD Arts	Mr McGregor
HOD Technology	Mrs Bungard
HOD Humanities	Ms Butler
HOD Physical Education	Mr Sinclair

## Guide to National Certificate in Educational Achievement

NCEA is New Zealand’s main national qualification for secondary school students. Subjects are organised into standards that are designed to assess how well students perform in different knowledge and skill areas. When a student achieves a standard, they gain credits towards their NCEA.

**Achievement standards** may be internally or externally assessed. External Assessment is by NZQA at the end of the school year. Internal assessment of achievement standards is done by subject teachers throughout the year using tests, project work, practical work and performances. Achievement standards results are reported with “Not Achieved”, “Achieved”, “Achieved with Merit” or “Achieved with Excellence”.

**Unit standards** are all internally assessed and also earn credits. Some unit standards are linked to vocational industry based courses. Usually these standards are assessed only as “Not Achieved” or “Achieved”.

NCEA Level 1	NCEA Level 2	NCEA Level3
80 credits at level 1 or higher, including 10 credits from literacy standards and 10 credits from numeracy standards.	60 credits at level 2 or higher and 20 credits at any other level UE literacy: 5 credits in reading and 5 credits in writing	60 credits at level 3 or higher and 20 credits at level 2 or higher.
<b>Certificate Endorsement</b>  If a student gains 50 credits at Merit or Excellence their NCEA certificate will be endorsed with Merit or Excellence.	<b>Course Endorsement</b>  Students will gain a course endorsement if they have gained 14 credits at Merit or 14 at Excellence. At least 3 of these credits must come from externally assessed standards. (Except PE and Visual Art)	<b>Scholarship</b>  This is a monetary award for high achievers in Year 13. Students sit an extra exam. It does not gain credits for the student but the result will appear on their Record of Achievement.



# University Entrance Requirements

University Entrance (UE) is the minimum requirement to go to a New Zealand university. To qualify you will need:

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

*(You will need to be aware that the literacy credits are only available in some subjects)*

- Numeracy - 10 credits at **Level 1 or above**, made up of:
  - achievement standards – specified achievement standards available through a range of subjects, or
  - unit standards - package of three numeracy unit standards (26623, 26626, 26627- **all** three required).

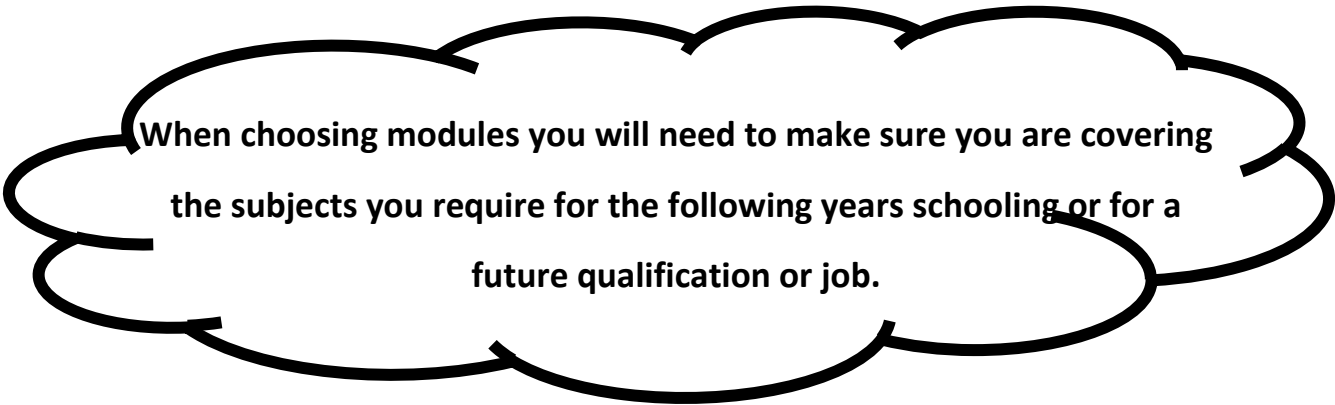


# Senior Course Structure 2019

In 2019 senior subjects and courses will be delivered in modules of 8 hours per week. Most modules will contain two subjects and be taught by two teachers.

The year will be split in to two semesters (first half and second half of the year). In each semester a senior student will choose three modules, a total of six modules for the year.

<b>2019</b>			
<b>Semester 1</b>	Module 1	Module 2	Module 3
<b>Semester 2</b>	Module 4	Module 5	Module 6



When choosing modules you will need to make sure you are covering the subjects you require for the following years schooling or for a future qualification or job.

## Module Selection Information

### General Advice

In selecting a programme, students need to ask themselves:

- What qualifications do I want to gain while at school?
- What qualifications or courses do I need for tertiary study or the work I hope to do when I leave school?
- Does my subject selection have enough flexibility if I change my direction?
- Am I aware of any pre-requisites for subjects I wish to do later?
- Will I succeed in this course?
- Will I be appropriately challenged?
- Have I explored all my options?
- Have I spoken with my Parents, Teachers, Dean or Careers Teacher
- Do not choose subjects for the wrong reasons, such as your friends are doing it.



**My Module Choices = Interest + Ability + Possible Occupation**

## Getting advice

- Talk to your Parents.
- Talk to your Teachers.
- Talk with Mrs Ferguson (Careers)
- Go on line to [www.careersnz.govt.nz](http://www.careersnz.govt.nz)
- Go online to Otago University [www.otago.ac.nz](http://www.otago.ac.nz)
- Go online to Otago Polytechnic [www.op.ac.nz](http://www.op.ac.nz)
- Go online to another training organisation that you are interested in.



## Subjects Offered at Tokomairiro High School

Year 11	Year 12	Year 13
English	English Visual Media Communication	English Visual media Communication
Mathematics	Mathematics	Mathematics
Science Agricultural Science Horticulture	Biology Chemistry Physics Agricultural Science Horticulture	Biology Chemistry Physics Horticulture
History Geography	History Geography Classics	History Geography Classics
Physical Education	Physical Education	Physical Education
Digital Technology	Digital Technology	Digital Technology
Home Economics	Home Economics	Home Economics
Materials Technology	Materials Technology	Materials Technology
Drama	Drama	Drama
Maori Performing Arts	Maori Performing Arts	Maori Performing Arts
Visual Art	Visual Art	Visual Art
Vocational Pathways	Vocational Pathways	Vocational Pathways

# Questions to Consider

When I leave school I hope to :

<b>Go to University</b> _____	<b>Go to Polytech</b> _____	<b>Begin an Apprenticeship</b> _____	<b>Get a job</b> _____
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Four downward-pointing arrows are positioned below each of the four boxes.

What subjects do I need to do next year and beyond to achieve this?

<b>2019</b> _____ _____ _____ _____ _____ _____	➔	<b>2020</b> _____ _____ _____ _____ _____ _____	➔	<b>2021</b> _____ _____ _____ _____ _____ _____
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What NCEA certificate do I already have?

Level 1

Level 2

Do I have the literacy requirements I need ? What modules will help me get this?

\_\_\_\_\_  
\_\_\_\_\_

Do I have my numeracy? What modules will help me get this?

\_\_\_\_\_  
\_\_\_\_\_



**Are my module choices covering the subjects I need?**

<b>My Module Choices</b>	<b>Subject</b>	<b>Subject</b>	<b>Subject</b>

**When choosing a module, you need to make sure it covers the subjects you want**

## All modules available for 2019

Subject	Module Name	Level
<b>Agricultural Science</b>		
	Smart grounded farmers	2,3
	Young farmers	1,2
	Instructional animal handling	1,2,3
	Instructional fencing	1,2,3
<b>Art</b>		
	Love Your Landscape	1,2,3
	Creative Explosion	2,3
	Natural Alternatives	1,2,3
	Plants And Pots For Profit	1,2
<b>Biology</b>		
	Living World	1,2
	Human Body	1,2,3
	Stream Study	2,3
	Biology & Chemistry For University	3
<b>Careers</b>		
	Vocational Pathway	1,2,3
<b>Chemistry</b>		
	Acids and Bases	1,2
	Biology & Chemistry For University	3
<b>Classics</b>		
	Academic English And Classics	2,3
<b>Drama</b>		
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
<b>Digital Technology</b>		
	Budgeting	1,2,3
	Digital Music	1,2,3
	Gaming, Streaming And The Internet	1,2,3
	Modelling And Programming	1,2,3
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>English</b>		
	Essential English And Maths	1
	Xpress Yourself	1
	Academic English And Classics	2,3
	Being Kiwi	1
	Living World	1,2
	Cultural Diversity	2,3
	Film Fest	2,3
	Power Of Media	2,3
	Power Of Protest	2,3
	Leadership And The Community	1,2,3
<b>Food Technology</b>		
	Abundance Of Fruit	2,3
	My Place In The World	1,2,3
	Natural Alternatives	1,2,3
	Super Me	1,2,3
<b>Geography</b>		
	Love Your Landscape	1,2,3
	Dunedin, My Place	1,2,3
	Exploring Central Otago	1,2,3
	Natives In The Environment	2,3
	Tautuku And The Great Outdoors	2,3

<b>History / Social Studies</b>		
	Being Kiwi	1
	Cultural Diversity	2,3
	Dunedin, My Place	1,2,3
	Power Of Protest	2,3
<b>Health</b>		
	Leadership And The Community	1,2,3
<b>Horticulture</b>		
	What To Do With An Abundance Of	2,3
	Natives In The Environment	2,3
	Plants And Pots For Profit	1,2
	Smart Grounded Farmers	2,3
	Young Farmers	1,2
	Tools, Motors And Plants	1,2
<b>Mathematics</b>		
	Budgeting	1,2,3
	Essential English And Maths	1
	Xpress Yourself	1
	Modelling And Programming	1,2,3
	Maths And Science For Everyday Life	1
	Physics And Maths For University	2,3
	Stream Study	2,3
	Mechanical Physics	1,2
	Work It Out	1,2,3
	Acids and Bases	1,2
<b>Media Studies</b>		
	Film Fest	2,3
	Power Of Media	2,3
	Leadership And The Community	1,2,3
<b>Maori</b>		
	My Place In The World	1,2,3
<b>Music</b>		
	Digital Music	1,2,3
<b>Physical &amp; Outdoor Education</b>		
	Exploring Central Otago	1,2,3
	Human Body	1,2,3
	Leadership And The Community	1,2,3
	Super Me	1,2,3
	Tautuku And The Great Outdoors	2,3
	Work It Out	1,2,3
<b>Physics</b>		
	Mechanical Physics	1,2
	Physics And Maths For University	2,3
	Wind Generators	2,3
<b>Science</b>		
	Maths And Science For Everyday Life	1
	Living World	1,2
		1,2
<b>Materials Technology</b>		
	Creative Explosion	2,3
	Materials And Automotive	1,2
	Performance	1,2,3
	Wind Generators	2,3
	Tools, Motors And Plants	1,2

## Modules available for Year 11 Students

Subject	Module Name	Level
<b>Agricultural Science</b>		
	Young Farmers	1,2
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>Art</b>		
	Love Your Landscape	1,2,3
	Natural Alternatives	1,2,3
	Plants And Pots For Profit	1,2
<b>Biology</b>		
	Living World	1,2
	Human Body	1,2,3
<b>Careers</b>		
	Vocational Pathway	1,2,3
<b>Chemistry</b>		
	Acids and Bases	1,2
<b>Drama</b>		
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
<b>Digital Technology</b>		
	Budgeting	1,2,3
	Digital Music	1,2,3
	Gaming, Streaming And The Internet	1,2,3
	Modelling And Programming	1,2,3
	Performance	1,2,3
	TokoTV, The Genesis, and Journalism	1,2,3
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>English</b>		
	Essential English And Maths	1
	Xpress Yourself	1
	Being Kiwi	1
	Living World	1,2
	Leadership And The Community	1,2,3
<b>Food Technology</b>		
	My Place In The World	1,2,3
	Natural Alternatives	1,2,3
	Super Me	1,2,3
<b>Geography</b>		
	Love Your Landscape	1,2,3
	Dunedin, My Place	1,2,3
	Exploring Central Otago	1,2,3

<b>History / Social Studies</b>		
	Being Kiwi	1
	Dunedin, My Place	1,2,3
<b>Health</b>		
	Leadership And The Community	1,2,3
<b>Horticulture</b>		
	Plants And Pots For Profit	1,2
	Young Farmers	1,2
	Tools, Motors And Plants	1,2
<b>Mathematics</b>		
	Budgeting	1,2,3
	Essential English And Maths	1
	Xpress Yourself	1
	Modelling And Programming	1,2,3
	Maths And Science For Everyday Life	1
	Mechanical Physics	1,2
	Work It Out	1,2,3
	Acids and Bases	1,2
<b>Media Studies</b>		
	Leadership And The Community	1,2,3
<b>Maori</b>		
	My Place In The World	1,2,3
<b>Music</b>		
	Digital Music	1,2,3
<b>Physical &amp; Outdoor Education</b>		
	Exploring Central Otago	1,2,3
	Human Body	1,2,3
	Leadership And The Community	1,2,3
	Super Me	1,2,3
	Work It Out	1,2,3
<b>Physics</b>		
	Mechanical Physics	1,2
<b>Science</b>		
	Maths And Science For Everyday Life	1
	Living World	1,2
	Acids, Bases And Reactivity	1,2
<b>Materials Technology</b>		
	Materials And Automotive	1,2
	Performance	1,2,3
	Tools, Motors And Plants	1,2

**Please Note: Year 11 Students must take**

**“Essential English & Maths” or “Xpress yourself”**

**If you are going on to tertiary education you should take both of these modules**

## Modules available for Year 12 Students

Subject	Module Name	Level
<b>Agricultural Science</b>		
	Smart Grounded Farmers	2,3
	Young Farmers	1,2
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>Art</b>		
	Love Your Landscape	1,2,3
	Creative Explosion	2,3
	Natural Alternatives	1,2,3
	Plants And Pots For Profit	1,2
<b>Biology</b>		
	Living World	1,2
	Human Body	1,2,3
	Stream Study	2,3
<b>Careers</b>		
	Vocational Pathway	1,2,3
<b>Chemistry</b>		
	Acids and Bases	1,2
<b>Classics</b>		
	Academic English And Classics	2,3
<b>Drama</b>		
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
<b>Digital Technology</b>		
	Budgeting	1,2,3
	Digital Music	1,2,3
	Gaming, Streaming And The Internet	1,2,3
	Modelling And Programming	1,2,3
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>English</b>		
	Academic English And Classics	2,3
	Living World	1,2
	Cultural Diversity	2,3
	Film Fest	2,3
	Power Of Media	2,3
	Power Of Protest	2,3
	Leadership And The Community	1,2,3
<b>Food Technology</b>		
	An Abundance Of Fruit	2,3
	My Place In The World	1,2,3
	Natural Alternatives	1,2,3
	Super Me	1,2,3
<b>Geography</b>		
	Love Your Landscape	1,2,3
	Dunedin, My Place	1,2,3
	Exploring Central Otago	1,2,3
	Natives In The Environment	2,3
	Tautuku And The Great Outdoors	2,3

<b>History / Social Studies</b>		
	Cultural Diversity	2,3
	Dunedin, My Place	1,2,3
	Power Of Protest	2,3
<b>Health</b>		
	Leadership And The Community	1,2,3
<b>Horticulture</b>		
	An Abundance Of Fruit	2,3
	Natives In The Environment	2,3
	Plants And Pots For Profit	1,2
	Smart Grounded Farmers	2,3
	Young Farmers	1,2
	Tools, Motors And Plants	1,2
<b>Mathematics</b>		
	Budgeting	1,2,3
	Modelling And Programming	1,2,3
	Physics And Maths For University	2,3
	Stream Study	2,3
	Mechanical Physics	1,2
	Work It Out	1,2,3
	Acids and Bases	1,2
<b>Media Studies</b>		
	Film Fest	2,3
	Power Of Media	2,3
	Leadership And The Community	1,2,3
<b>Maori</b>		
	My Place In The World	1,2,3
<b>Music</b>		
	Digital Music	1,2,3
<b>Physical &amp; Outdoor Education</b>		
	Exploring Central Otago	1,2,3
	Human Body	1,2,3
	Leadership And The Community	1,2,3
	Super Me	1,2,3
	Tautuku And The Great Outdoors	2,3
	Work It Out	1,2,3
<b>Physics</b>		
	Mechanical Physics	1,2
	Physics And Maths For University	2,3
	Wind Generators	2,3
<b>Science</b>		
	Living World	1,2
	Acids, Bases And Reactivity	1,2
<b>Materials Technology</b>		
	Creative Explosion	2,3
	Materials And Automotive	1,2
	Performance	1,2,3
	Wind Generators	2,3
	Tools, Motors And Plants	1,2

## Modules available for Year 13 Students

Subject	Module Name	Level
<b>Agricultural Science</b>		
	Smart Grounded Farmers	2,3
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>Art</b>		
	Love Your Landscape	1,2,3
	Creative Explosion	2,3
	Natural Alternatives	1,2,3
<b>Biology</b>		
	Human Body	1,2,3
	Stream Study	2,3
	Biology & Chemistry For University	3
<b>Careers</b>		
	Vocational Pathway	1,2,3
<b>Chemistry</b>		
	Biology & Chemistry For University	3
<b>Classics</b>		
	Academic English And Classics	2,3
<b>Drama</b>		
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
<b>Digital Technology</b>		
	Budgeting	1,2,3
	Digital Music	1,2,3
	Gaming, Streaming And The Internet	1,2,3
	Modelling And Programming	1,2,3
	Performance	1,2,3
	Toko TV, The Genesis, and Journalism	1,2,3
	Instructional Animal Handling	1,2,3
	Instructional Fencing	1,2,3
<b>English</b>		
	Academic English And Classics	2,3
	Cultural Diversity	2,3
	Film Fest	2,3
	Power Of Media	2,3
	Power Of Protest	2,3
	Leadership And The Community	1,2,3
<b>Food Technology</b>		
	An Abundance Of Fruit	2,3
	My Place In The World	1,2,3
	Natural Alternatives	1,2,3
	Super Me	1,2,3
<b>Geography</b>		
	Love Your Landscape	1,2,3
	Dunedin, My Place	1,2,3
	Exploring Central Otago	1,2,3
	Natives In The Environment	2,3
	Tautuku And The Great Outdoors	2,3

<b>History / Social Studies</b>		
	Cultural Diversity	2,3
	Dunedin, My Place	1,2,3
	Power Of Protest	2,3
<b>Health</b>		
	Leadership And The Community	1,2,3
<b>Horticulture</b>		
	An Abundance Of Fruit	2,3
	Natives In The Environment	2,3
	Plants And Pots For Profit	1,2
	Smart Grounded Farmers	2,3
	Young Farmers	1,2
	Tools, Motors And Plants	1,2
<b>Mathematics</b>		
	Budgeting	1,2,3
	Modelling And Programming	1,2,3
	Physics And Maths For University	2,3
	Stream Study	2,3
	Mechanical Physics	1,2
	Work It Out	1,2,3
<b>Media Studies</b>		
	Film Fest	2,3
	Power Of Media	2,3
	Leadership And The Community	1,2,3
<b>Maori</b>		
	My Place In The World	1,2,3
<b>Music</b>		
	Digital Music	1,2,3
<b>Physical &amp; Outdoor Education</b>		
	Exploring Central Otago	1,2,3
	Human Body	1,2,3
	Leadership And The Community	1,2,3
	Super Me	1,2,3
	Tautuku And The Great Outdoors	2,3
	Work It Out	1,2,3
<b>Physics</b>		
	Physics And Maths For University	2,3
	Wind Generators	2,3
<b>Materials Technology</b>		
	Creative Explosion	2,3
	Performance	1,2,3
	Wind Generators	2,3

# 2019 Modules

Listed in alphabetical order

<b>Module Name:</b>	<b>Academic English and Classical Studies</b>	<i>UE Literacy</i>
<b>Subjects:</b>	English, Classical Studies	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>This course is for those who require University Entrance Reading and Writing Credits. The focus will be on ensuring students are able to obtain reading and writing credits via internal and external standards. Theme(s) will be around leaders and heroes in classical times and current day.</p> <p>Future careers: digital copywriter ,editor, teacher, journalist, web manager, marketing, archivist, historian, librarian, media presenter, defence force jobs, lawyer, speech language therapist, publisher, air traffic controller, police, intelligence officer, immigrant officer, art director, curator, policy analyst.</p>	

<b>Module Name:</b>	<b>Acids, Bases</b>
<b>Subjects:</b>	Chemistry, Mathematics
<b>Levels:</b>	1,2
<b>Module Description:</b>	<p>Chemistry looks at how chemicals interact with each other. The scope of chemistry is so broad it can be paired with almost any other subject. You are guaranteed to develop an understanding of chemical processes and analytical and practical skills. This module will allow students to continue with further chemistry study.</p> <p>In Maths there will be an opportunity to work with linear and non-linear graphs as well as understand and work with equations and patterns.</p>

<b>Module Name:</b>	<b>An Abundance of Fruit</b>
<b>Subjects:</b>	Food Technology, Horticulture
<b>Levels:</b>	2,3
<b>Module Description:</b>	<p>In this module you will learn a range of practical skills. Enjoy the feeling of growing and producing your own food. Follow the production of an orchard or fruit crop from propagation by seed or cuttings to harvest. Students will then be able to process and preserve the fruit by making jam and bottling the fruit to eat. This module is assessed mainly with unit standards. The skills you will learn in this module, you will use throughout your life.</p>

<b>Module Name:</b>	<b>Biology &amp; Chemistry for University</b>
<b>Subjects:</b>	Biology, Chemistry
<b>Levels:</b>	3
<b>Module Description:</b>	This module is for students who are considering studying Chemistry and Biology at University. Studying Chemistry and Biology will establish a base knowledge that could lead to a career in medical or forensic science, likewise it leads towards a pathway in biomedical engineering. Both subjects cover the externally assessed standards.

<b>Module Name:</b>	<b>Being Kiwi</b>	<i>Literacy</i>
<b>Subjects:</b>	English, History	
<b>Levels:</b>	1	
<b>Module Description:</b>	A study of events and literature peculiar to being “Kiwi” and living in New Zealand. Future careers: digital copywriter ,editor, teacher, journalist, web manager, marketing, archivist, historian, librarian, media presenter, defence force jobs, lawyer, speech language therapist, publisher, air traffic controller, police, intelligence officer, immigrant officer, art director, curator, policy analyst	

<b>Module Name:</b>	<b>Budgeting (Money, Money, Money)</b>
<b>Subjects:</b>	Digital Technology, Mathematics
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	In this course students will be using spreadsheets and pen and paper to create budgets. The contexts will be varied and there will be the opportunity to develop understanding of more complex ideas relating to personal finance. This could extend from understanding interest and personal loans to developing an understanding of external pressures on the economy that can have an impact on personal finances. Standards are available at all levels with varying degrees of difficulty.

<b>Module Name:</b>	<b>Creative Explosion</b>	<i>Literacy</i>
<b>Subjects:</b>	Art, Materials Technology	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>Understand that creativity defines us as humans and contributes to our well-being: write creatively, create visually and artistically. In this course the emphasis is on creation. You can write, create art, and even design a garment!</p> <p><b>Future careers:</b> digital copywriter ,editor, teacher, journalist, web manager, marketing, archivist, historian, librarian, media presenter, defence force jobs, lawyer, speech language therapist, publisher, air traffic controller, police, intelligence officer, immigrant officer, art director, curator, policy analyst.</p>	

<b>Module Name:</b>	<b>Cultural Diversity</b>	<i>Literacy</i>
<b>Subjects:</b>	English, History, Social Studies	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>Learn about cultural understandings and misunderstandings through factual and fictional resources. The history of the world is one of the misunderstandings leading to tragic outcomes. Investigate at least one of these events in NZ and world history and supplement it with thought-provoking and moving reading, from recommended texts, and those of your choice.</p> <p><b>Future careers:</b> digital copywriter ,editor, teacher, journalist, web manager, marketing, historian, librarian, media presenter, defence force jobs, lawyer, speech language therapist, publisher, air traffic controller, police, immigration officer, art director, curator, policy analyst.</p>	

<b>Module Name:</b>	<b>Digital Music</b>
<b>Subjects:</b>	Digital Technology, Music
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>Fancy yourself as a DJ? Want to share and develop your musical talents? Do you want to record a song and upload it to YouTube? Maybe you are interested in the technical aspects of recording music or making music videos? In this course you will learn how to record audio and video and work with musicians. You will learn about copyright, the changing music industry and visit recording and TV studios around Dunedin.</p>



<b>Module Name:</b>	<b>Dunedin: My Place</b>
<b>Subjects:</b>	Geography, History
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	Geography and History will give you the opportunity of getting to know Dunedin from its early beginnings to the urban planning of today. Use Geography to make sense of our world. Learn about the skills of mapping and graphing. History will help you understand the way events have shaped our society. This course will offer a mix of internal and external achievement standards. This could lead to further study at university.

<b>Module Name:</b>	<b>English and Maths Essentials</b>	<i>Literacy, Numeracy</i>
<b>Subjects:</b>	English, Mathematics	
<b>Levels:</b>	1	
<b>Module Description:</b>	The purpose of this course is to ensure that all students have the opportunity to develop key literacy skills in reading and writing, although there will also be opportunities to develop visual and oral communication skills. This provides a valuable basis for the career paths of all students. It will also cover essential numeracy skills required for other subjects, including a basic understanding of number, measurement and statistics. This module will have only internal assessment.	

<b>Module Name:</b>	<b>Exploring Central Otago</b>
<b>Subjects:</b>	Geography, Outdoor Education
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	This course focuses on the best aspects of geography and outdoor education. Students in outdoor education will plan and run a ski/snowboard camp, demonstrating interpersonal skills within a group and learn how to be safe in the outdoors. We will find out how the tourism adventure capital of the world operates. This could lead on to University or Polytech courses with a PE, Tourism or Geography theme.

<b>Module Name:</b>	<b>Film Fest</b>	<i>UE Literacy</i>
<b>Subjects:</b>	English, Media Studies	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>Learn how film-makers both educate and entertain us. This course will offer close readings of films and TV shows. The emphasis is on understanding the film-makers' intentions. Future careers: advertising, marketing, communications specialist, teacher, copywriter, journalist, film director, media producer, media technicians.</p>	

<b>Module Name:</b>	<b>Gaming, Streaming and the Internet</b>	<i>Literacy</i>
<b>Subjects:</b>	Digital Technology	
<b>Levels:</b>	1,2,3	
<b>Module Description:</b>	<p>Interested in how your favourite gamer built their PC? How they stream? Think you are the hottest Milton gamer? Want to produce a weekly Toko TV live stream? This is the course for you! You will embark on an individual or group project to produce a regular live stream and learn both the technical aspects and how to grow an audience.</p>	

<b>Module Name:</b>	<b>Human Body</b>	
<b>Subjects:</b>	Biology, Physical Education	
<b>Levels:</b>	1,2,3	
<b>Module Description:</b>	<p>An understanding of how the human body works and adapts to its environment can eventually lead to future study in the field of biomedical science. This course will look at human anatomy, how it works and why the body is forced to behave differently in different conditions. The biology involves looking at life processes and adaptations to external environment. The Physical Education component would be focussed on biomechanics of particular movement or sport. Then you will use the images/videos recorded to apply knowledge learnt in a practical setting.</p>	

<b>Module Name:</b>	<b>Instructional Animal Handling</b>
<b>Subjects:</b>	Agricultural Science, Digital Technology
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>Agriculture is the backbone of the New Zealand economy. There is currently a demand for qualified Agricultural workers. This course will allow you to produce instructional videos/blogs or factsheets that can be uploaded to the internet for educational purposes.</p> <p>The Agriculture involved would be focused on animal handling.</p> <p>The Media Studies involved would be meeting the brief in regards to audience and media type.</p>

<b>Module Name:</b>	<b>Instructional Fencing</b>
<b>Subjects:</b>	Agricultural Science, Digital Technology
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>Agriculture is the backbone of the New Zealand economy. There is currently a demand for qualified Agricultural workers. This course will allow you to produce instructional videos/blogs or factsheets that can be uploaded to the internet for educational purposes.</p> <p>The Agriculture involved would be focused on fencing skills.</p> <p>The Media Studies involved would be meeting the brief in regards to audience and media type.</p>

<b>Module Name:</b>	<b>Leadership and the Community</b>
<b>Subjects:</b>	Health, Physical Education, English, Media Studies
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>This course empowers you to make a change in community. This can be our school community or the wider community. Students will come up with ideas of a project that will make a positive impact and then lead this from start to finish. Different models of health promotion will be explored while developing leadership skills.</p>

<b>Module Name:</b>	<b>Living World</b>	<i>Literacy</i>
<b>Subjects:</b>	Biology, English	
<b>Levels:</b>	1,2	
<b>Module Description:</b>	In this module we will be learning the key aspects of living things. genetics, cells and the environment. You will be using the biology content for your study and writing in English. This course will contain standards that will prepare you for further biology study, next year or when you leave school eg. health sciences	

<b>Module Name:</b>	<b>Love your Landscape</b>
<b>Subjects:</b>	Art, Geography
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>Get to know the iconic landscapes that our beautiful region offers from the Catlins Coast to the High Country. Develop and indulge your skills of colour use, drawing, painting and construction. Learn about the processes that created our landscapes and skills needed to interpret maps and geographic data. This is mostly an achievement standard course.</p> <p>This module has the potential to be a full year course if you are planning on completing an art portfolio and want to achieve some external standards in geography.</p> <p>This could lead to further study at university or polytech, leading to careers in planning, teaching, design and further progress in the art world.</p>

<b>Module Name:</b>	<b>Maths and Science for Everyday Life</b>	<i>Numeracy</i>
<b>Subjects:</b>	Maths, Science	
<b>Levels:</b>	1	
<b>Module Description:</b>	<p>This module will look at basic everyday science. Science in the home or at the work place. How does science work if you are a builder or an electrician?</p> <p>How can maths be used to measure and work out useful things?</p> <p>This module will only have internal assessment.</p>	

<b>Module Name:</b>	<b>Materials and Automotive</b>
<b>Subjects:</b>	Hard Materials Technology
<b>Levels:</b>	1,2
<b>Module Description:</b>	In this module a student will be able to complete units in basic engineering, automotive and wood fabrication. Students will complete a project in their chosen materials. Students will learn basic maintenance and repair of vehicles.

<b>Module Name:</b>	<b>Modelling and Programming</b>	<i>Numeracy</i>
<b>Subjects:</b>	Digital Technology, Mathematics	
<b>Levels:</b>	1,2,3	
<b>Module Description:</b>	In this course you will be designing and building models and computer programs to simulate games or complex situations where the theoretical probability is difficult to calculate. You will get to answer questions like "Is Uno mainly skill or luck?" You will also gain some understanding of networks and how to calculate their key features. Additionally there may be the opportunity to investigate project planning and developing critical path.	

<b>Module Name:</b>	<b>Mechanical Physics</b>	<i>Numeracy</i>
<b>Subjects:</b>	Physics, Mathematics	
<b>Levels:</b>	1,2	
<b>Module Description:</b>	Physics allows you to use analytical skills to explain interactions of forces, energy, matter, space and time. An understanding in mechanical physics is essential for students considering a future in engineering. It will also cover algebraic and geometric skills at different levels including looking at trigonometric relationships.	

<b>Module Name:</b>	<b>My Place in the World</b>
<b>Subjects:</b>	Maori Performing Arts, Food technology
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	This module would suit students interested in gaining credits through participating in kapa haka and hospitality. Students can expect to be involved in activities of preparing and performing at Polyfest, food gathering, food preparation and cooking.

<b>Module Name:</b>	<b>Natives in the Environment</b>
<b>Subjects:</b>	Geography, Horticulture
<b>Levels:</b>	2,3
<b>Module Description:</b>	<p>The theme for this module is discovering the features of plants that put them into families. Find out what grows in our part of the world. Discover how plants operate and what they need to survive. This course is designed for students who want to find out more about the features of the environment in which we live - Coastal South Otago and the South Island High Country. We will learn about the plants that we share this environment with, make collections of them, research them within our local native forest areas.</p> <p>This is a mix of unit standards and internal achievement standards.</p>

<b>Module Name:</b>	<b>Natural Alternatives</b>
<b>Subjects:</b>	Art, Food Technology
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>Tired of chemically filled products? Create your own: from natural makeup to super foods and healthy snacks, you get to create what you are passionate about. During this course you will create your own basic natural item and adapt it to fit your individual criteria.</p> <p>The Arts will invite you to add your own creative touch; try your hand at printmaking, photography, sculpture or painting.</p> <p>Future careers: Food technologist. Nutritional therapist. Scientific laboratory technician. Technical brewer. Exhibition designer. Fine artist. Illustrator .Museum/gallery curator. Printmaker. Secondary school teacher.</p>

<b>Module Name:</b>	<b>Performance</b>
<b>Subjects:</b>	Drama, Digital Technology, Materials Technology
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p>This course would suit students interested in drama performance, sound and lighting technologies and set design. The course enables you to get credits for creative work in a variety of production roles. These skills are useful in a variety of careers.</p> <ol style="list-style-type: none"> <li>1- Drama performances skills</li> <li>2- Basic building skills and set design.</li> <li>3- Lighting design</li> <li>4- Mixing live sound for performances and bands</li> <li>5- Video creating and editing</li> </ol>

<b>Module Name:</b>	<b>Physics and Maths for University</b>	<i>Numeracy</i>
<b>Subjects:</b>	Physics, Mathematics	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>This is a primarily externally focussed unit working around kinematics and mechanics and the mathematics required to achieve well. There will be a focus on algebraic thinking and writing equations to model physical situations. Depending on the needs of the class we will assess algebra or calculus externally.</p> <p>The physics part of this module is designed for students interested in engineering or pursuing further academic studies in mathematics or physics.</p>	

<b>Module Name:</b>	<b>Plants and Pots for Profit</b>	
<b>Subjects:</b>	Art, Horticulture	
<b>Levels:</b>	1,2	
<b>Module Description:</b>	<p>This course is designed to teach you how to turn your gardening and creative skills into profit or just pleasure. Learn the essentials for plant growing, from seed to a sellable item. Decide what you will create to market your plant in and make or build it. Sell your product and calculate the cost of producing your product so that you make a profit.</p> <p>A great module for the practical, artistic individual who wants to gain green fingers.</p>	

<b>Module Name:</b>	<b>Power of Media</b>	<i>UE Literacy</i>
<b>Subjects:</b>	English, Media Studies	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>We are living in the age of 'fake news'. How do we determine truth? How do we learn to understand how we are positioned by the media to think in a certain way about gender and other issues? Discuss these issues arising from our use of the media. Research an issue of interest to you. Write a journalistic article.</p> <p><b>Future careers:</b> advertising, marketing, communications specialist, teacher, copywriter, journalist, film director, media producer, media technicians.</p>	

<b>Module Name:</b>	<b>Power of Protest</b>	<i>UE Literacy</i>
<b>Subjects:</b>	English, History/Social studies	
<b>Levels:</b>	2,3	
<b>Module Description:</b>	<p>Use research skills to learn about the history of protest as a powerful force for change and use speech or media for persuasion and protest. You could consider for your research: women's suffrage, Parihaka, the Maori King movement, educational protests, conscientious objectors, the Springbok Tour, Vietnam, Equal Pay, Homosexual Law Reform...</p> <p>Learn about the world's greatest speakers and write your own speech based on your research or on a topic you have passion for.</p> <p><b>Future careers:</b> digital copywriter ,editor, teacher, journalist, web manager, marketing, historian, librarian, media presenter, defence force jobs, lawyer, speech language therapist, publisher, air traffic controller, police, immigration officer, art director, curator, policy analyst.</p>	

<b>Module Name:</b>	<b>Tools, Motors and Plants</b>
<b>Subjects:</b>	Horticulture, Workshop technology
<b>Levels:</b>	1 & 2
<b>Module Description:</b>	<p>Learn about the maintenance and care of tools, and work with small motors safety-mulchers, mowers, rotary hoes. How to be safe and use them for plant propagation. A great practical course that will set you up to produce your own food and keep your machinery running sweetly. This will also include environmental work around our community. This is a practical Unit Standard based course that will put you in high demand.</p>

<b>Module Name:</b>	<b>Stream Study</b>	<i>Numeracy</i>
<b>Subjects:</b>	Biology, Mathematics,	
<b>Levels:</b>	2 & 3	
<b>Module Description:</b>	<p>This is a course aimed at students interested in biology and statistics. The context will be based around the local stream. It will be an academic course however and although there will be opportunities to be out of the classroom there should be an expectation that there will be bookwork involved.</p> <p>The statistics involved will be comparing populations and dealing with multiple variables in a sample as well as how to design mathematically sound experiments.</p>	



<b>Module Name:</b>	<b>Smart Grounded Farmers</b>
<b>Subjects:</b>	Agricultural Science, Horticulture
<b>Levels:</b>	2,3
<b>Module Description:</b>	This is great practical course that teaches you the nuts and bolts of farming. Get moooving....Know your breeds of cattle, how milk is produced, the operation of a milking machine and how to take care of a calf. Get your gumboots on and find out how to test your soils, find the perfect fertiliser, know how to grow grass and deal to the weeds.

<b>Module Name:</b>	<b>Super Me</b>
<b>Subjects:</b>	Food Technology, Physical Education
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	This course combines learning about how you can become the best you can be. This is to be achieved through learning about Super foods and then making these in class. Students will also learn about how their actions affect others through a series of physical education and health units of work.

<b>Module Name:</b>	<b>Tautuku and the Great Outdoors</b>
<b>Subjects:</b>	Geography, Outdoor Education
<b>Levels:</b>	2,3
<b>Module Description:</b>	This course combines the best aspects of Geography and Outdoor Ed-camps, tramps and trees. Students in outdoor education will experience the outdoors through tramping. They will also navigate and learn about weather patterns and undertake some geographic research of the local natural environment - The Podocarp Forest or Tautuku Bay. They will study a global pattern. This course is a mix of internal achievement standards and unit standards that increase your awareness of the region you live in.

<b>Module Name:</b>	<b>TokoTV, The Genesis and Journalism</b>	<i>Literacy</i>
<b>Subjects:</b>	Digital Technology, Drama	
<b>Levels:</b>	1,2,3	
<b>Module Description:</b>	Want to produce or star in a weekly Toko TV live stream? Take photographs, write stories for a weekly column in the Genesis? This course will allow you to learn the behind-the-scenes technology and processes necessary to produce a regular live stream and even star in it! You will get a chance to develop your skills for a career in journalism, television or You Tube.	

<b>Module Name:</b>	<b>Vocational Pathway</b>
<b>Subjects:</b>	Careers, Work experience
<b>Levels:</b>	1,2,3
<b>Module Description:</b>	<p><i>This module will run all year (two semesters)</i></p> <p>Gateway at level 1 is all about gaining experience in a workplace and seeing if this is the job for you. You will also be learning about your rights and responsibilities as an employee. This is an opportunity in your life to try out workplaces before accepting a position; you need to grab this experience with both hands.</p> <p>In Gateway at Level 2 and 3 students are expected to have one or more work placements that take up the majority of the year one day per week. They also specialise in an area and may work with some form of industry training group to gain their credits. These programmes are individual for each student. This is a huge opportunity to see if you are suited to a particular career.</p>

<b>Module Name:</b>	<b>Wind Generators</b>
<b>Subjects:</b>	Materials Technology, Physics, Electronics
<b>Levels:</b>	2,3
<b>Module Description:</b>	<p>In this course you will be completing both theory and practical units of work to understand and create a wind generator. We will build monitoring stations and collect data on where the best locations on our school site are for putting our generators.</p> <p>This course will provide you with the opportunity to produce your own small scale electricity producing, wind turbine and the understanding of how it works.</p>

<b>Module Name:</b>	<b>Work it Out</b>	<i>Numeracy</i>
<b>Subjects:</b>	Mathematics, Physical Education	
<b>Levels:</b>	1,2,3	
<b>Module Description:</b>	<p>This is a course aimed at students interested in pursuing a more academic PE route, perhaps considering university or other further education. Although there will be a practical element to this course students will be working in a classroom at times to understand statistics and the application of this to biophysical principles of training.</p> <p>The statistics will involve designing sound experiments to establish whether a treatment is of statistical significance and analysing the results from large amounts of data. Some prior work with statistics would be preferred but not essential. In physical education students will choose a focus area and explore how their body changes over time.</p>	

<b>Module Name:</b>	<b>Xpress Yourself</b>	<i>Literacy, Numeracy</i>
<b>Subjects:</b>	English, Mathematics	
<b>Levels:</b>	1	
<b>Module Description:</b>	<p>This course is targeted at students who are interested in further study in English or Mathematics.</p> <p>It will cover algebraic mathematics, primarily focussed on preparing students for the externals exams. There won't be a theme and the course will be challenging. If you are intending to continue further with mathematics (or pursue science at university) you need the skills in this course.</p> <p>English will focus on the development of reading and writing skills, essential for a step towards gaining UE Literacy in the following year.</p> <p>This module is also required for students wanting endorsement in English. Students will be able to study for externals which focus on written texts and/or film.</p>	

<b>Module Name:</b>	<b>Young Farmers</b>	<i>Literacy, Numeracy</i>
<b>Subjects:</b>	Ag Science, Horticulture, Maths, English	
<b>Levels:</b>	1,2	
<b>Module Description:</b>	<p>This is designed for those interested in farming related topics. It puts an agricultural twist on the traditional approach to learning. Topics within the modules are all related to primary industry. We will be putting in the groundwork for a rural pathway whether it be in the paddock or in management or advisory services. This will be a great asset to our Agrikids and TeenAg students. There is a mix of achievement and unit standards.</p> <p>The maths covered will be statistical in nature and students will develop the skills to read and interpret large volumes of statistical information in order to identify relevant information and draw appropriate conclusions. This will be at Level 2 so challenging but not requiring any prior learning.</p>	









# Finalised Module Choices

Name \_\_\_\_\_ Year level \_\_\_\_\_

My Module Choices	Subject	Subject	Subject

Each student will be interviewed by a senior staff member to ensure that their module selection is the best for them and their future.

Bring this booklet and sheet to your module choices interview