

SOUTHLAND GIRLS' HIGH SCHOOL



2024 OPTIONS BOOKLET FOR NCEA LEVEL 1 / 2 / 3

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In this booklet there is information about:

- NCEA LEVEL 1, 2 and 3
- Option Choice Information
- Senior Subjects Pathways
- Subject descriptors listed in alphabetical order
- Option Choice Forms

SUBJECT OPTIONS EXPO

Current Students 30 August 2023

12 noon – 12:50 pm

in The West Hall

Current and New Students 6 September 2023

3:30 pm until 6:00 pm

in Theatre on Tweed

(look for the flags)

All Students and Caregivers Welcome

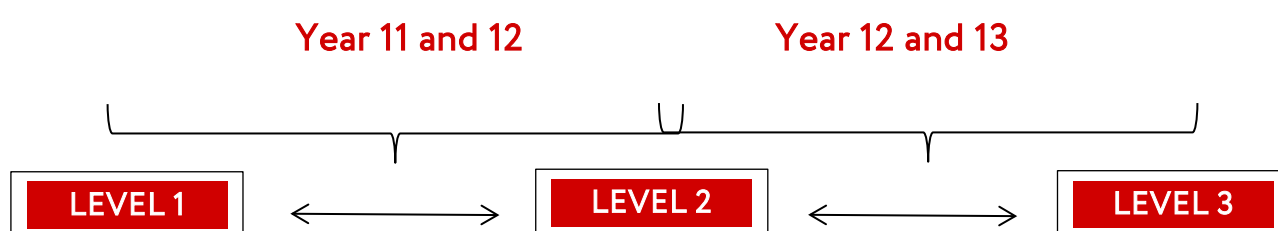
(current students can attend either dates)

NCEA COURSE BOOK

LEVEL 1, 2, 3

(NCEA stands for National Certificate in Educational Achievement)

- **CHOOSE TO CHALLENGE**
- **CHOOSE** the levels of learning best for you. This may be **ACROSS LEVELS**, i.e., at Year 13 you may be doing Level 2 subjects.
- **CHECK** your pathways fit your goals.



Student Subject Choice Flowchart

Tick the boxes as you complete each step

My future career job might be: _____

Read about the National Certificate in Educational Achievement (NCEA)	<input type="checkbox"/>
I need to talk to _____ after school	<input type="checkbox"/>
Can you create a pathway for you? what subjects do you need?	<input type="checkbox"/>
<i>I have consulted with my teachers and/or HODs to see if I meet the prerequisites</i>	<input type="checkbox"/>
Record your option choices on the appropriate level form	<input type="checkbox"/>
Check your option choices with your parent(s) / caregiver	<input type="checkbox"/>
Enter your options through the Edge portal	<input type="checkbox"/>

GAINING NCEA QUALIFICATIONS

At Level 1

To gain Level 1 NCEA, a student needs 60 credits. The 60 credits are usually spread over 6 subjects or equivalent. Each student must choose a Mathematics, English and Science full year course and three other full year courses. To gain NCEA at any level from 2024 onwards, students must have gained their te reo matatini, pāngarua or literacy and numeracy co-requisite.

At Level 2

The minimum requirement is 60 credits from Level 2. These are spread over 6 subjects or equivalent courses. English at Level 2 is compulsory to fulfil University Entrance requirements.

At Level 3

The minimum requirement is 60 credits from Level 3. These are spread over 5 one year or equivalent courses.

University Entrance

- **Attain NCEA Level 3.**
- Achieve 14 credits at Level 3 in **each of three subjects from the list of approved subjects listed below**. The list of approved subjects will consist of subjects derived from the *New Zealand Curriculum* **with achievement standards** at Level 3.
- Achieve UE Numeracy – 10 credits at Level 1 and above from specific achievement standards, or three specific numeracy unit standards.
- Achieve UE Literacy – 10 credits (five in reading and five in writing) at Level 2 and above from specific standards.

Many Universities are setting their own criteria for entry and courses. Please check websites for *ongoing updates*.

Approved Subjects for University Entrance

Accounting
Agriculture & Horticulture
Art History
Biology
Business Studies
Calculus
Chemistry
Classical Studies
Dance
Design (Practical Arts)
Design and Visual Communication
Digital Technologies
Drama
Economics
English
French
Geography
Health Education
History
Home Economics (Food and Nutrition)
Japanese
Mathematics
Media Studies
Music Studies
Painting (Practical Arts)
Photography (Practical Arts)
Physical Education
Physics
Printmaking (Practical Arts)
Science
Sculpture (Practical Arts)
Spanish
Statistics
Te Ao Haka
Technology (Fashion & Design)
Te Reo Māori
Te Reo Rangatira

Certificate Endorsements

NCEA certificates at Level 1, 2 and 3 can be endorsed with Excellence or Merit.

To gain an Excellence endorsement, you must gain 50 or more credits at Excellence.

To gain a Merit endorsement, you must gain 50 or more credits at Merit (some of these may be at Excellence).

You can earn credits counting towards endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above.

For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

Subject / Course Endorsements

Students will be able to have their strengths in individual courses recognised with a course endorsement at Merit or Excellence. The key objective of course endorsement is to motivate students to achieve their potential in one or more courses.

Students will gain an endorsement for a course where they achieve:

- 1 Merit Endorsement = 14 or more credits at Merit or Excellence
Excellence Endorsement = 14 or more credits at Excellence
- 2 At least 3 credits from externally assessed standards and 3 credits from internally assessed standards.
- 3 Sufficient credits in a single school year.

Note: Physical Education, Religious Studies and Level 3 Visual Arts will be exempt from (2).

New Zealand Scholarship

Scholarship is an external examination for top secondary students. Candidates usually enter in Year 13, which is their last year of schooling. Scholarship examines course material related to Level 3 standards derived from up to Level 8 of the New Zealand Curriculum that students study in Year 13. However, the skills and understanding required to meet Scholarship criteria are considerably more advanced. Scholarship requires students to demonstrate high-level critical thinking.

- Scholarship requires high-level abstract thinking and the application of knowledge and ideas to complex situations.
- The intention is that 3 per cent of the total number of Year 13 Level 3 students in each subject studying for 14 credits or more will get Scholarship, if Scholarship standards are met.
- Scholarship results will be released in February.

OPTION CHOICE INFORMATION

We have provided a range of courses that will enable all students to gain credits and give enough flexibility to enable all students to strive for excellence.

Subject Prerequisites

Some subjects require prior learning to be able to succeed at the level. These are indicated on the course outline for each subject.

This book gives guidelines for each subject.

Teachers may adjust content and assessments to better meet the learning needs of their students.

Learning Area – ENGLISH (pg. 9 – 11)

English	Miss McSoriley
Media Studies	Ms Liggins-Walters

Learning Area – LANGUAGES (pg. 12 – 14)

Languages	Mrs Wilson
Te Ao Haka	

Learning Area – BUSINESS (pg. 15 – 18)

Accounting	}	Mr Prouting
Agribusiness		
Economics		
Enterprise		
Financial Literacy		

Learning Area – TECHNOLOGIES (pg. 19 – 23)

Computing	}	Mrs Brown
Digital Technologies		
Fashion and Design	}	Mrs Jones
Food and Hospitality		
Food and Nutrition		

Learning Area – PE AND HEALTH (pg. 23 – 24)

Physical Education	}	Mr Beadle
Health		

Learning Area – SOCIAL SCIENCES (pg. 25 – 27)

Classical Studies	}	Mr Bishop
Geography		
Tourism		
Transition for the Future		
History		Mr Stickley

Learning Area – PERFORMING ARTS (pg. 28 – 32)

Dance		Miss Paulin
Performance Drama	}	Miss Rae
Performing Arts		
Theatre Tech		
Music		Mr de Blois

Learning Area – GATEWAY AND CAREERS (pg. 32 – 34)

Outside the Square	}	Ms Dodds
Business Retail / Trades		
Transition for the Future		
Gateway and Star Courses		

Learning Area – MATHEMATICS (pg. 35 – 37)

Mathematics	}	Mrs Gentle
Calculus		
Statistics		

Learning Area – SCIENCE (pg. 38 – 41)

Science		Mrs Goodwill
Biology	}	Mrs Young
Agriculture		
Chemistry		
Physics		Mr Claridge
		Mrs Gericke

Learning Area – VISUAL ARTS AND DESIGN (pg. 42 – 46)

Visual Art	}	Mrs Templer
Painting / Printmaking		
Photography		
Third Dimension / Sculpture		
Design		
Digi Image		
Design and Visual Communication		
Art History		

YEAR 11, 12 & 13 - SGHS OPTION SELECTION PLANNING TEMPLATE

Use this as a planning tool, in conjunction with the information in the Level 1 – 3 subject option booklet when speaking with your Whānau, AT and teachers to plan possible options for you over Years 11 - 13.

YEAR 11 6 Subjects Including English, Maths and Science	YEAR 12 6 Subjects Including English	YEAR 13 5 Subjects
<input type="checkbox"/> English Whero <input type="checkbox"/> English Kikorangi	<input type="checkbox"/> English Kōwhai <input type="checkbox"/> English Māwhero <input type="checkbox"/> English Waiporoporo	
<input type="checkbox"/> Maths Applied <input type="checkbox"/> Maths Investigations <input type="checkbox"/> Maths Reasoning		
<input type="checkbox"/> Science 101 <input type="checkbox"/> Science 102		

LEARNING AREA – ENGLISH

ENGLISH

Miss McSoriley

Level 1 NCEA – English Whero

ENG1W

Course Information:	The focus of this course is based on texts that explore people's journeys. We will explore ideas such as: change, growth, family, relationships, and mortality. Possible genres covered could include dystopian, Cli-Fi, coming of age, NZ Fiction, and Science Fiction.
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Level 1 NCEA – English Kikorangi

ENG1K

Course Information:	The focus of this course is developing your knowledge and appreciation of texts that have influenced societies. We will explore ideas such as: human nature, historical moments, expectations, and society's views. Possible genres covered could include social commentary, war, oral texts, and autobiography.
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Level 2 NCEA – English Māwhero

ENG2M

Course Information:	The focus of this course is based on the extremes of human emotion. Delve to the depths of betrayal or soar to the heights of true love as we explore how texts can be used to manipulate emotions and connect people with each other. Possible ideas covered could include love, hate, obsession, jealousy, desire, self-expression, and perception.
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Level 2 NCEA – English Waiporoporo

ENG2W

Course Information:	The focus of this course is based on power. Who wields it? Should they? Explore how texts force us to question the status quo whilst driving social change or how they reinforce the current power structures found within society. Possible ideas covered could include power, rebellion, freedom, greed, justice, heroism, and determination.
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Level 2 NCEA – English Kōwhai

ENG2K

Prerequisite:	Students will need HOD approval to take this course.
Course Information:	<p>This course is designed to help you communicate efficiently and effectively in the modern workplace. This course includes interview skills, teamwork skills, reporting, appropriate and beneficial conduct, and other communication skills.</p> <p>Note: This course does not offer accreditation for University Entrance.</p>

Level 3 NCEA – English 301**ENG301**

Prerequisite:	A love of reading and critical thinking, completion of 201 or 202 English, including achievement of external credits, or in consultation with the Head of Department.
Course Information:	<p>The course is an extension English programme and will cover close reading of and response to language and literature texts from both visual and written strands. There will be opportunities to deepen study of some genres through individual research and critical analysis.</p> <p>The achievement standards available to be assessed against will encompass both internal and external assessment.</p> <p>301 English provides an enriching foundation for those who intend to study further in humanities or sciences.</p>

Level 3 NCEA – English 302**ENG302**

Prerequisite:	Satisfactory completion of Level 2 English, or in consultation with the Head of Department.
Course Information:	<p>302 English is designed with a communication focus in mind to prepare you for the real world; this course of study includes analysis of written and visual texts as well as opportunities to create meaning through oral and visual texts. It is an ideal course of study for those who need to further their skills in English for the job market.</p> <p>The assessment focus is on both internally and externally assessed standards.</p>

MEDIA STUDIES*Ms Liggins-Walters*

Learners who take Media Studies are curious about how and why Media – radio, TV, film, newspapers, magazines, popular music, digital gaming, the internet, and social media – is created the way it is, and who benefits from it being made that way.

In Media Studies we break down how the industry, practices, and content of mass media, shape our view of the world around us.

Level 2 NCEA – Media Studies**MED2**

Guideline:	Literacy at Level 1, or in consultation with the Head of Department.
Course Information:	<p>The Level 2 course covers many aspects, from understanding the money – making horror genre (German Expressionism into the postmodern horrors of the 2000's), to the consequences of how women have been shown in tv, advertising and films. We even traipse through the cheesy but touchstone tv series 'Buffy the Vampire Slayer'.</p> <p>Students make a short silent horror film for the practical production component of the course.</p>

Level 3 NCEA – Media Studies**MED3**

Prerequisite:	Completion of Level 2 Media Studies, OR (if Level 2 Media Studies not taken in previous year) Level 2 Literacy, and/or in consultation with the Head of Department.
Course Information:	<p>The Level 3 course continues to develop your critical thinking by evaluating Hitchcock's work (misogynistic or genius?) within his classics 'Rear Window' and 'Vertigo'.</p> <p>Then, through considering the impact of censorship on filmmaking in Post-War America, you'll look at the lasting impact of the gritty and cynical Film Noir genre and create your own aesthetically 'Noir-ish' short film for the practical component of the course.</p>

* While both courses require academic thinking, there is considerable flexibility in assessment submissions.

LEARNING AREA – ART HISTORY

ART HISTORY

Mrs Templer
Level 3 NCEA – Art History**AHI3**

Prerequisite:	Literacy Level 2, or in consultation with the Head of Department.
Course Information:	<p>Art History is the study of why art was made and the time it was made in. The Art History course covers a range of topics selected from 6 areas of study: Early Renaissance, Late Renaissance to Mannerism, Early Modernism 1900-1940, Modernist Design and Architecture 1900-1960, Modernism to Post Modernism, and Contemporary Diversity.</p> <p>Art History is a good link for students taking senior Visual Arts and students who have an interest in History and Journalism.</p> <p>The course is made up of a range of internal and external standards.</p>

LEARNING AREA – LANGUAGES

LANGUAGES

Mrs Wilson

Level 1 NCEA – French and Japanese

FRE1, JPN1

Guideline:	Satisfactory completion of Year 10 in the selected language, and in consultation with the Head of Department.
Course Information:	The study of languages at Level 1 maintains and builds on the skills of listening, speaking / presenting and performing, reading / viewing and writing that students have acquired in their first two years of study. At this level students will work towards understanding and producing more complex language, communicating beyond the immediate context, and understanding and producing a variety of text types.

Level 2 NCEA – French and Japanese

FRE2, JPN2

Guideline:	15 credits at Level 1, and in consultation with the Head of Department.
Course Information:	The study of languages at Level 2 maintains and builds on the skills practised at Level 1. The course structure follows the same format as Level 1 with three internal and 2 external achievement standards. At this level students will work towards using the language variably and effectively to express and justify their own ideas and opinions, and support or challenge those of others. They will also use and identify the linguistic and cultural forms that guide interpretation and enable them to respond critically to texts.

Level 3 NCEA – French and Japanese

FRE3, JPN3

Prerequisite:	10 credits at Level 2, and in consultation with the Head of the Department.
Course Information:	The study of languages at Level 3 continues to build on the language skills learned and practised at Level 2. The course structure follows the same format as Level 2, three internal and two external achievement standards. At this level students will continue to work towards using the language variably and effectively to express and justify their own ideas and opinions, and support or challenge those of others. They will also use and identify the linguistic and cultural forms that guide interpretation and enable them to respond critically to texts.

Level 1 NCEA – Te Reo Māori**MAO1**

Guideline:	Completion of Year 10 in Te Reo Māori, and in consultation with the Head of Department.
Course Information:	<p>The study of Te Reo Māori maintains and builds on the skills of listening, speaking / presenting and performing, reading / viewing and writing that students have acquired in their first two years of study.</p> <p>At this level students will work towards conversing with Te Reo Māori speakers in familiar social situations and cope with some fewer familiar ones.</p> <p>Using basic Māori language patterns spontaneously, experimenting with new language and reading independently, writing short passages, personal letters, and simple formal letters in Te Reo Māori. Students will increase their confidence in using a range of strategies for learning Te Reo Māori and for communicating with others in predominantly Māori social contexts.</p>

Level 2 NCEA – Te Reo Māori**MAO2**

Guideline:	12 credits at Level 1, and in consultation with the Head of Department.
Course Information:	<p>The study of Te Reo Māori at Level 2 maintains and builds on the skills practised at Level 1. The course structure follows the same format as Level 1 with three internal and 2 external achievement standards.</p> <p>At this level students will work towards taking part in general conversations with speakers of Te Reo Māori, understanding most of what is said, and contributing relevant comments. Students will explain and discuss many of their own ideas and opinions, use Te Reo Māori creatively, and read a variety of authentic Te Reo Māori materials and write expressively for a range of purposes. Students will also use a range of strategies to help them learn Te Reo Māori effectively and demonstrate a high level of fluency.</p>

Level 3 NCEA – Te Reo Māori**MAO3**

Prerequisite:	12 credits at Level 2, and in consultation with the Head of the Department.
Course Information:	<p>The study of Te Reo Māori at Level 3 maintains and builds on the skills practised at Level 2.</p> <p>At this level students will take part in general conversations with speakers of Te Reo Māori, understanding most of what is said, and contributing relevant comments. Students will explain and discuss many of their own ideas and opinions, use Te Reo Māori creatively, and read a variety of authentic Te Reo Māori materials and write expressively for a range of purposes. Students will also use a range of strategies to help them learn Te Reo Māori effectively and demonstrating a high level of fluency. This course is total immersion.</p>

In 2024 we will be offering Te Ao Haka from Level 1 to 3. Te Ao Haka is a programme of learning that is a full year course.

Level 1 NCEA – Te Ao Haka

TAH1

Course Information:	At Level 1, the students will learn the foundations of Te Ao Haka, identifying its key skills for performance, narratives and styles of Te Ao Haka and their development. Students will recognise that pride in their culture and language comes with the responsibility to encourage and support each other, creating a positive space where the participants can continue to express themselves whilst developing the craft. Therefore, students will be able to understand their contributions to the artform. Students in Te Ao Haka discover, identify, access, and explore foundational knowledge and ideas in and about Te Ao Haka.
Prerequisite:	Students choosing this course will also need to be studying at least Level 1 NCEA Te Reo Māori or at HOD discretion

Level 2 NCEA – Te Ao Haka

TAH2

Course Information:	At Level 2 students will explore the various contexts, narratives, styles, compositions and meaning of Te Ao Haka. They will explore the connection of language and culture and the development of it in its artform. Students will also explore how creativity informs and influences performances and observe components, elements, and features of Te Ao Haka.
Prerequisite:	Students choosing this course will also need to be studying at least Level 1 NCEA Te Reo Māori or at HOD discretion.

Level 3 NCEA – Te Ao Haka

TAH3

Course Information:	At Level 3, students refine their analysis of Te Ao Haka and their skills in performance. They can effectively express narrative and embody their performance.
Prerequisite:	Students choosing this course will also need to be studying at least Level 1 NCEA Te Reo Māori or at HOD discretion.

LEARNING AREA – BUSINESS

ACCOUNTING

Mr Prouting

Level 1 NCEA – Accounting

ACC1

Guideline:	It is an advantage to have completed SMTM
Course Information:	This course examines accounting theory and practices for individuals and business. It follows on from Year 9/10 Show Me the Money course. Students will apply knowledge and skills to practical situations. This course will prepare you for further study of Accounting.
Course Cost:	Workbooks desirable \$30.00

Level 2 NCEA – Accounting

ACC2

Guideline:	Completed Accounting 1, or in consultation with the Head of Department.
Course Information:	Level 2 Accounting builds on the understanding gained in Level 1. Students will process financial information using an accounting software package, prepare financial statements for businesses and analyse the financial information.
Course Cost:	Workbooks desirable \$20.00

Level 3 NCEA – Accounting

ACC3

Prerequisite:	At least achieved in standard 91176 Prepare Financial Information, or in consultation with the Head of Department.
Course Information:	This course covers accounting for partnerships and companies. It also includes the analysis of a company listed on the New Zealand Stock Exchange.
Course Cost:	Workbooks desirable \$30.00

Level 2 NCEA – Agribusiness

AGB2

This is a course of study that integrates primary industries and business beyond the farm gate, encompassed by a group of sectors (agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood and sports turf) that form the basis of modern primary production.

Guideline:	Satisfactory completion of NCEA Level 1 Science, Economics or Accounting would be an advantage.
Course Information:	Agribusiness offers the beginning of a career pathway which links into the primary industries of New Zealand. This programme covers achievement standards from Agribusiness, and key relevant aspects of accounting, business and economics. Through the focused learning of Agribusiness, students engage in future and innovative thinking, and develop problem-solving strategies and lifelong skills surrounding the primary industries.
Course Costs:	Field trip costs – no more than \$100 for the year

Level 3 NCEA – Agribusiness

AGB3

This is a course of study that integrates primary industries and business beyond the farm gate, encompassed by a group of sectors (agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood and sports turf) that form the basis of modern primary production.

Guideline:	Have completed NCEA Level 2 Agribusiness, Accounting, Chemistry, Economics or in consultation with the Teacher in Charge.
Course Information:	Agribusiness offers the beginning of a career pathway which links into the primary industries of New Zealand. They build knowledge of the whole operation and are encouraged to find innovative solutions to challenging operational issues. They will learn economic, physical / climatic, political, environmental, technological, historical, social, ethical and cultural influences on agribusinesses and the interrelationships of science, business, technology, society and the environment.
Course Costs:	Field trip costs – no more than \$100 for the year

Level 1 NCEA – Economics**ECO1**

Guideline:	None, but having completed Show Me the Money at Year 9/10 is an advantage.
Course Information:	This course mainly looks at how prices are set in markets through supply and demand. It also introduces the workings of the NZ economy. The course will prepare you for further study of Economics. This course is a must for anyone wishing to work in any of commerce / economics / business / agribusiness / farming / finance / Government in the future.
Course Cost:	Field trip (currently no cost). Workbook is recommended \$30.00

Level 2 NCEA – Economics**ECO1**

Guideline:	Level 1 Economics, or in consultation with the Head of Department.
Course Information:	This course covers the NZ economy as a whole and how the Government influences it (for better or worse). As well as the Government's role in the economy, topics include (3 of) employment, trade, economic growth or inflation. This course is a must for any aspiring politician.
Course Cost:	Workbooks recommended \$30.00

Level 3 NCEA – Economics**ECO3**

Prerequisite:	Completion of Level 1 or 2 Economics, or in consultation with the Head of Department.
Course Information:	This course develops the Level 1 ideas of the free market and looks at what happens when markets do not work properly. It also explores production decisions of different types of firms and/or the role of the Government in the economy.
Course Cost:	Field trip (Wellington field trip Covid permitting TBC) Workbooks recommended \$30.00

Level 2 NCEA – Enterprise

ENT2

Guideline:	None.
Course Information:	This course is available to students who are interested in starting and running their own enterprise. It has a business focus and will involve being part of a Young Enterprise team. A high level of personal motivation is expected. Students are able to obtain 12 Achievement Standard credits towards NCEA Level 2.
Course Cost:	To Young Enterprise Scheme Wellington (due by 1 March TBC)

Level 3 NCEA – Enterprise

ENT3

Prerequisite:	None.
Course Information:	<p>This course is available to students who are interested in starting and running their own enterprise. It has a business focus and will involve being part of a Young Enterprise team. A high level of personal motivation is expected. Students are able to obtain 15 Achievement Standard credits towards NCEA Level 3.</p> <p>Through the Lion Foundations Young Enterprise Scheme (YES), students will find their inner entrepreneur. Students will set up and run a business through creating their own product or service. This year long course will develop their business planning and operational skills. National and Regional prizes are up for grabs. Students can obtain micro credentials through team challenges at Level 3 or choose to complete a variety of Achievement Standards.</p>
Course Cost:	To Young Enterprise Scheme Wellington (due by 1 March TBC) Exam Fee: \$25 (due 28 June TBC)

Level 2 NCEA – Financial Literacy

FLT2

Guideline:	None.
Course Information:	<p>Financial Literacy is a programme that assists with personal and practical financial concepts including:</p> <p>Setting goals and budgeting, managing income, spending, managing debt, saving and investing, insurance, tertiary study finances, and creating and protecting assets and wealth. We also look at how financial needs change over different life stages.</p>

LEARNING AREA – TECHNOLOGIES

COMPUTING

Mrs Brown

Level 2 NCEA – Computing 2

COM2

Guideline:	Completion of Level 1 Computing or Digital Technologies is preferred, or in consultation with the Head of Department.
Course Information:	This course introduces a higher level of practical computing skills across a range of Microsoft Office software including spreadsheet, database, desktop publishing, presentation, and word processing applications. Adobe Photoshop and Illustrator are used for digital media learning, together with web design using HTML/CSS. This course is assessed using internal Unit Standards credits.

Level 3 NCEA – Computing 3

COM3

Guideline:	Completion of Level 2 Computing or Digital Technologies is preferred. Students with minimal prior experience in this subject area will need to consult with the Head of Department to discuss suitable areas of learning in this subject.
Course Information:	This course will focus on giving students experience in a range of software applications and to gain practical computing skills that can be used in the modern workplace and in tertiary studies. The course can offer differentiated learning programmes with unit standards suited to individual student needs.

DIGITAL TECHNOLOGIES

Mrs Brown

Level 1 NCEA – Digital Technologies / Computing 1

DTC1

Guideline:	Preferably completed one semester at Junior level, or in consultation with the Head of Department.
Course Information:	This course teaches a broad range of digital technology and computing skills so that students can discover their interest and choose future pathways that suit them. Students will learn about how the internet works and how to create websites using HTML/CSS, how to write code in programming languages, and how to use common Microsoft Office programs in ways that will make them stand out from the average student. Students are able to adjust the learning to their interest and skills, and in Term 3 they choose which project they want to make. Standard credits and some internal Unit Standards.

Level 2 NCEA – Digital Technologies 2

DTC2

Guideline:	Completed Digital Technologies Level 1, or in consultation with the Head of Department.
Course Information:	<p>This course builds on the work covered in Level 1 Digital Technologies, including new topics like 3D Modelling, game development, and web apps. Students will have the opportunity to conduct a longer project in an area of their interest.</p> <p>This course is assessed using internal and external Achievement Standard credits.</p>

Level 3 NCEA – Digital Technologies 3

DTC3

Guideline:	Completed Digital Technologies Levels 1 or 2, or in consultation with the Head of Department.
Course Information:	<p>This course builds on the work covered in Levels 1 and 2 Digital Technologies. Students will select an area of focus in the field of digital technology for the year and completing learning and projects related to that focus. Past projects include app making, web design, game development and animation – but this is up to student choices.</p> <p>This course is assessed using internal and external Achievement Standard credits.</p>

FASHION AND DESIGN

Mrs Jones

Level 1 NCEA – Fashion and Design

FAD1

Guideline:	Preferably completed Designers for the Future or Designers for the Future Plus or Avant Garde, or in consultation with the Head of Department.
Course Information:	This course provides an opportunity for students to develop their skills and interests in working with textiles. Students are given a brief from which they can be creative when designing, inventing, and making articles while taking into considerations the sustainability of the materials used.
Course Cost:	Students taking this course must be prepared to purchase their own material requirements.

Level 2 NCEA – Fashion and Design

FAD2

Guideline:	Completion of Level 1 Fashion and Design course, or in consultation with the Head of Department.
Course Information:	This course provides an opportunity for students to develop and extend their skills in textiles. This course focuses on developing garments from a brief for a client. Students are given the opportunity to be creative and use their flair in designing articles.
Course Cost:	Students taking this course must be prepared to purchase the material requirements.

Level 3 NCEA – Fashion and Design

FAD3

Guideline:	Completion of Level 2 Fashion and Design course, or in consultation with the Head of Department.
Course Information:	This course allows students to extend their knowledge, designing skills and creativity when working with a client, developing a pattern from a block to form a design.
Course Cost:	Students taking this course must be prepared to purchase their own material requirements.

FOOD AND HOSPITALITY

Mrs Jones

Level 1 NCEA – Food and Hospitality

FHS1

Guideline:	A passion and enthusiasm for food.
Course Information:	This course is a Unit Standard based course which covers a wide range of practical skills used in the hospitality industry.
Course Cost:	Students taking this course must be prepared to pay a part cost for ingredients used.

Level 2 NCEA – Food and Hospitality

FHS2

Guideline:	Satisfactory completion of Food and Hospitality Level 1, or Food and Nutrition Level 1, or in consultation with the Head of Department.
Course Information:	This course is a Unit Standard based course. It is designed to build up skills and techniques which are used in the hospitality industry, especially food and beverage service.
Course Cost:	Students taking this course must be prepared to pay a part cost for ingredients used.

FOOD AND NUTRITION

Mrs Jones

Level 1 NCEA – Food and Nutrition

FDN1

Guideline:	Preferably completed Food Design and or / Food Design Plus Learning packages, or in consultation with the Head of Department
Course Information:	This course involves students investigating, planning and preparing food to meet specific needs. The understanding of hauora and well-being is a vital part of this course. This includes nutrition, health models and factors that influence hauora.
Course Cost:	Students taking this course must be prepared to pay a part cost for ingredients used.

Level 2 NCEA – Food and Nutrition

FDN2

Guideline:	Satisfactory completion of Level 1 Food and Nutrition, or in consultation with the Head of Department.
Course Information:	This course involves students investigating, planning and preparing food to meet specific needs, and investigating sustainable food practices. The course involves individual research in and out of the classroom on specified topics.
Course Cost:	Students taking this course must be prepared to pay a part cost for ingredients used.

Level 3 NCEA – Food and Nutrition

FDN3

Guideline:	Students must have an interest in food and nutrition and have achieved satisfactory Food and Nutrition credits at Level 1 or Level 2, or in consultation with the Head of Department.
Course Information:	This course involves students investigating a nutritional issue that affects the wellbeing of New Zealand society and applying safe food practices in the production of a specific food using complex procedures during the process. This course involves individual research in and out of the classroom on specified topics and may vary in content depending on the needs of the students.
Course Cost:	Students taking this course must be prepared to pay a part cost for ingredients used.

LEARNING AREA PHYSICAL EDUCATION AND HEALTH

PHYSICAL EDUCATION

Mr Beadle

Level 1 NCEA – Physical Education

PED1

Guideline:	Demonstrated high level of participation and motivation in Year 10 PE and sound numeracy and literacy skills, or in consultation with the Head of Department.
Course Information:	This course involves practical and theory-based activities which underpin the learning about Physical Education. It includes the application and understanding of skill learning, running, anatomy, biomechanics, teamwork, and the ability to critically analyse performance.
Course Cost:	Students will be asked to pay costs for transport and associated activities (\$100.00).

Level 2 NCEA – Physical Education

PED2

Guideline:	12 credits in NCEA Level 1 Physical Education, and in consultation with the Head of Faculty.
Course Information:	This course involves practical and theory-based activities which underpin the learning about Physical Education. It includes biophysical principles, fitness and training concepts, risk management, and leadership strategies for coaching. Mountain biking on the Lake Dunstan Trail provides a focus for two of our assessment tasks.
Course Cost:	Students will be asked to pay costs for transport and associated activities (approx. \$120.00).

Level 3 NCEA – Physical Education

PED3

Guideline:	In consultation with the Head of Faculty.
Course Information:	Students will develop their skills and knowledge of physical education concepts. They will analyse their own participation and what influences them, develop their strategies in physical activity and outdoor education, and examine a physical activity trend, issue or event. Scholarship Health & Physical Education will also be offered in this class.
Course Cost:	\$120 approx. for Outdoor Education component.

HEALTH

Mr Beadle

Level 2 NCEA – Health

HEA2

Guideline:	An interest in Health study, and in consultation with the Head of Faculty.
Course Information:	Students will develop their knowledge around influences, consequences and strategies to enhance well-being. In this course students will learn about the factors that influence sexuality and gender issues, how to build resiliency through managing change and loss and take action through health promotion to promote an aspect of community wellbeing.

Level 3 NCEA – Health

HEA3

Guideline:	In consultation with the Head of Faculty.
Course Information:	Students will develop their knowledge and skills through health-related situations within our society and globally. This could include current health practices, ethical issues e.g., euthanasia or abortion, drug use and poverty. Students will critically analyse the effects of the key determinants of health on well-being hauora. They will develop strategies that reflect the values of social justice and achieve equitable health outcomes.

LEARNING AREA – SOCIAL SCIENCES

CLASSICAL STUDIES

Mr Bishop

Level 2 NCEA – Classical Studies

CLS2

Guideline:	10 credits in Level 1 English achievement standards, or in consultation with the Head of Department. This is for any student who has a passion in mythology, history or the world created by the Ancient Greeks and Romans.
Course Information:	Classical Studies in Level 2 has a Roman Focus. Topics this year will include: a study of an epic film 'Gladiator vs Commodus', Art and Architecture of Pompeii linking with the Eruption of Mt Vesuvius, and Virgil's 'The Aeneid' (Roman idea of the Trojan War). There will be standards which are assessed both internally and externally. Classical studies in the Senior school leads on from the Ancient Influences learning packages.

Level 3 NCEA – Classical Studies

CLS3

Prerequisite:	Completion of Level 2 Classics, or in consultation with the Head of Department. This course is a "must" for any student who an interest or passion in the world of the Ancient Greeks and Romans
Course Information:	Classical Studies in Level 3 has a focus on Greek/Roman society and beliefs. Classics brings students into contact with some of the greatest and most enduring creations In literature, art and philosophy that the world has ever known. Topics this year will include: A Hero Through Time (from Achilles to Aeneas to Katniss), Art and Architecture of the Classical World (Roman World) and Epic Poems (the Iliad – Trojan War). There will be standards which are assessed both internally and externally.

GEOGRAPHY

Mr Bishop

Level 1 NCEA – Geography

GEO1

Guideline:	None.
Course Information:	Geography is the study of the environment as the home of people. It seeks to explore the physical and cultural features of the environment and how these change over time. In this course students study an extreme natural event and practice the application of geographic skills. Students will practice conducting Geographic Research, applying Geographic Information Systems investigating a New Zealand issue, and/or examination of a global pattern.
Course Cost:	Field trip – Dunedin \$100.00 approx.

Level 2 NCEA – Geography

GEO2

Guideline:	10 Literacy and 10 Numeracy credits at Level 1, and/or 10+ credits gained in Level 1 Geography, or in consultation with the Head of Department.
Course Information:	<p>Students continue to develop their skills as a Social Scientist by exploring how people interact with natural and cultural environments. They are required to explore a range of perspectives about topical issues affecting New Zealand and the world today.</p> <p>In this course students may study the natural landscape of Fiordland, an introduction to criminology and the urban patterns of crime in Chicago, a study of a global pattern and a current geographic issue.</p>
Course Cost:	Field trip – Te Anau, 2 days, 1 night, \$100.00 approx.

Level 3 NCEA – Geography

GEO3

Prerequisite:	10 Level 1 Literacy credits and 10 Numeracy credits, and/or 10+ credits gained in Level 1 Geography, or in consultation with the Head of Department.
Course Information:	<p>Students learn to develop and enlarge upon their appreciation of the environment and its natural and cultural features, and to increase their understanding of the associated processes and inter-relationships. In this course students may study Tourism as a Cultural Process, to continue to build upon their application of Geographic skills within a selected context.</p> <p>Students will also inquire into a geographic issue, conduct geographic research, and be required to analyse an event from a geographic perspective, and/or examine a global pattern.</p>
Course Cost:	Field trip – Queenstown 2 days \$130 approx.

HISTORY

Mr Stickley

Level 1 NCEA – History

HIS1

Guideline:	Taking Level 1 English.
Course Information:	<p>Level 1 History looks at key historical ideas like continuity and change through a variety of New Zealand topics or topics from around the world. This flows on from the Decade of Trouble and Strife learning package.</p>

Level 2 NCEA – History

HIS2

Guideline:	Taking Level 2 English and have 10 Literacy credits and 10 History credits from Level 1, or in consultation with the Head of Department.
Course Information:	<p>Level 2 History introduces students to some of the major factors that have shaped today's world: nationalism, revolution, and fascism. Students will learn about the past and its significance and impact on the world today. They will learn to construct an argument that will show different perspectives of the history we study.</p> <p>Topics could include Russia 1900-1923, Vietnam War, Weimar and Nazi Germany 1918-1939. Classes will have the opportunity to pick their topics.</p>

Level 3 NCEA – History

HIS3

Prerequisite:	Must have done Level 2 English in Year 12 and have UE Literacy, or passed 1 internal and 1 external in Level 2 History, or in consultation with the Head of Department.
Course Information:	<p>Level 3 History will encourage students to examine the beliefs and values which have motivated groups and individuals to act as they did within their historical context.</p> <p>Students will study in depth some of the key historical developments of yesterday's world which will contribute to their understanding of today's society. One topic will be genocide, the other will be picked by the class.</p>

TOURISM

Ms Popham

Level 2 NCEA – Tourism

TOU2

Guideline:	<p>Level 1 Numeracy credits, or in consultation with the Head of Department.</p> <p>Students are expected to show independent learning.</p>
Course Information:	<p>This is the first of a two-year course which, when completed successfully in Year 13, leads to the qualification of New Zealand Certificate in Tourism (Introductory Skills) Level 2.</p> <p>This National Certificate recognises the knowledge and skill required by the travel industry. Once completed, students will have the basic knowledge, skills and personal attributes required for further training within the industry.</p>

Level 3 NCEA – Tourism

TOU3

Prerequisite:	Level 2 Literacy credits (10), Level 1 Numeracy credits (10), Level 2 compulsory Tourism credits (22). Entry to Level 3 Tourism for students who have not completed the course requirements at Level 2 will be at the discretion of the Head of Department.
Course Information:	At the successful completion of this year, students will gain the qualification of New Zealand Certificate in Tourism. This is a two-year programme with a total of 50 credits. This qualification is specifically designed for secondary school students, which recognises the knowledge and skills required as a base for further training within the industry. Students will need to be able to work independently and have proven time management skills.

LEARNING AREA – PERFORMING ARTS

DANCE

Miss Rae

Level 1 NCEA – Dance

DAN1

Guideline:	Joy of Dance or Dancing Centre Stage is recommended. Dance experience outside school will be considered instead of these two courses. Or in consultation with the Head of Department.
Course Information:	Dance allows you to express ideas, feelings, beliefs and understanding of the world around you. In this course you will build both performance and choreography skills. You will develop creativity, team work, confidence, critical thinking, self-discipline, physical health and the ability to work collaboratively - all beneficial in any 21st century career path.
Course Cost:	Live performances or workshops may be needed. Any costs for these will be notified and charged to the student's account.

Level 2 NCEA – Dance

DAN2

Guideline:	Level 1 Dance preferred, or in consultation with the Head of Department.
Course Information:	Level 2 Dance will extend on the knowledge and experiences from Level 1 Dance. It involves three components: Dance Performance, Dance Choreography, and Dance Analysis. Students will need to use imagination and build on their knowledge of dance techniques, elements, and devices to create interesting and unique movement sequences, and to critically analyse their own and others' movements. In the end of year examination, students will analyse a dance performance.

Course Cost:	Live performances or workshops may be needed. Any costs for these will be notified and charged to the student's account.
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Level 3 NCEA – Dance

DAN3

Prerequisite:	External Achievement Standards from Level 1 or 2, or in consultation with the Head of Department.
Course Information:	Standards follow closely on those of Level 2, however more detail with written work and planning is expected. At this level, students will have a greater level of responsibility to choreograph their own dance work and perform in solo and group performances. As in Level 2, a written dance analysis paper is included. Scholarship in Dance is available for Level 3 students if they wish.
Course Cost:	Live performances or workshops may be needed. Any costs for these will be notified and charged to the student's account.

PERFORMANCE DRAMA

Miss Rae

Level 1 NCEA – Performance Drama

DRA1

Prerequisite:	Although none is necessary, Drama Devised or Drama Defined is recommended or drama experience outside school, e.g., school productions, private tuition.
Course Information:	Drama explores who we are, where we have come from, and where we could go. In Drama, you will explore the lives and worlds of others to make connections between the real world and imagined worlds. You will develop confidence in expressing your ideas with a variety of audiences. Through studying Drama, you will demonstrate high engagement, empathy, and courage in your learning because it allows you to have fun while taking creative risks within a safe environment.
Course Cost:	Live performances or workshops may be needed. Any costs for these will be notified and charged to the student's account.

Level 2 NCEA – Performance Drama

DRA2

Prerequisite:	Level 1 Performance Drama and Literacy Skills or private tuition and drama experience, involvement in school productions, or in consultation with the Head of Faculty.
Course Information:	Students develop practical and theoretical knowledge in dramatic skills. This course includes both practical and written components. Over the year the students will complete three internals including integrating drama techniques in a performance, applying features of a theatre form, and devising their own scripts or performing in a significant production. Students will further learn about the techniques, elements, and conventions of drama through applying them in a variety of situations and explaining their purpose as to achieve the desired intention. Students

	<p>keep a written portfolio which provides essential supplementary evidence to meet the criteria of each standard.</p> <p>Two performances are assessed in class time, while the other is assessed at the Senior Drama Recital, which takes place during the final week of Term 3 in the evening.</p>
Course Cost:	Live performances or workshops may be needed. This supports the requirements of the curriculum, particularly the external examination.

Level 3 NCEA – Performance Drama

DRA3

Prerequisite:	<p>Level 2 Performance Drama, a high standard of performance, and strong Literacy Skills</p> <p>or</p> <p>Private tuition or involvement in extra-curricular or wider community opportunities, or in consultation with the Head of Faculty.</p>
Course Information:	<p>This course requires a high level of skill in both written and performance work. At this level students take greater responsibility in the planning, organisation and shaping of material through a process of negotiation and communication, analysis, and evaluation.</p> <p>Over the year the students will complete three internals including integrating drama techniques in a performance, applying features of a theatre form, and devising their own scripts. Throughout the year students can work as a solo performer or a member of a group. Students keep a written portfolio which provides essential supplementary evidence to meet the criteria of each standard.</p> <p>Two performances are assessed in class time, while the other is assessed at the Senior Drama Recital, which takes place during the final week of Term 3 in the evening.</p>
Course Cost:	Live performances or workshops may be needed. This supports the requirements of the curriculum, particularly the external examination.

MUSIC

Miss Rae

Level 1 NCEA – Music

MUS1

Guideline:	Completion of Music Advanced Learning Package, or in consultation with the Head of Department / Faculty.
Course Information:	<p>You will learn how to work individually and collaboratively and to explore ways of creating, interpreting, and representing ideas within music. You will be given opportunities to further your own creative potential as you sing, play instruments, read symbols and notations, record, and analyse and appreciate music. As you learn to communicate musically with increasing sophistication, you will develop a deeper appreciation and understanding of music.</p> <p>The course is highly flexible based on your requirements.</p>

	If you choose to do Performance, you must be having weekly lessons either privately or through the Itinerant Music Programme. You will also be expected to contribute to musical activities at school.
Course Cost:	Itinerant Music costs: \$45, + Hireage costs if needed.

Level 2 NCEA – Music

MUS2

Guideline:	Completion of Level 1 Music, or in consultation with the Head of Department / Faculty.
Course Information:	<p>This course builds on the skills and understanding developed in Level 1 Music. Students are expected to be taking weekly lessons (either privately, or through the Itinerant Music Scheme) on an instrument or voice for at least 3 years prior to this course.</p> <p>Students choosing to do Solo and / or Group Performance must be having weekly lessons either privately or through the Itinerant Music Programme.</p> <p>Students are also expected to contribute to musical activities at school.</p>
Course Cost:	Itinerant Music costs: \$45, + Hireage costs if needed.

Level 3 NCEA – Music

MUS3

Prerequisite:	Completion of Level 2 Music, or in consultation with the Head of Department / Faculty.
Course Information:	<p>This course builds on the skills and understanding developed in Levels 1 and 2 Music. Students (in consultation with the Head of Department) build an individual programme to suit their particular needs, interests, and future intentions. Students are expected to be taking weekly lessons (either privately, or through the Itinerant Music Scheme) on an instrument or voice for at least 4 years prior to this course.</p> <p>Students choosing to do Solo and / or Group Performance must be having weekly lessons either privately or through the Itinerant Music Programme.</p> <p>Students are also expected to contribute to musical activities at school. This course requires the student to have a high degree of self-management.</p>
Course Cost:	Itinerant Music costs: \$45, + Hireage costs if needed.

THEATRE TECH

Miss Rae

Level 1 NCEA – Theatre Tech

THT1

Guideline:	None. The ability to work independently and collaboratively with a strong sense of time management is important.
Course Information:	This course is ideal for students who are interested in supporting the Performing Arts, without being a performer themselves or for those who

	are performers who wish to learn to articulate the requirements they need in performance. It draws from the following aspects: Lighting, Sound, Set Design, Props, Costume Design, Make-up, Production Roles, Health and Safety. Unit Standards allow the student to work in areas of design and application. Students will work to deadlines to support the performances of others. Due to the nature of this course, some evenings throughout the year will be spent operating aspects of performances.
Course Cost:	Students may be asked to attend shows and performances. Costs for costume design and makeup applicators.

Level 2 NCEA – Theatre Tech

THT2

Guideline:	Successful completion of Level 1 Theatre Technology OR interview with Head of Faculty.
Course Information:	<p>This course builds on the skills and understandings developed in Level 1 Theatre Technology, with the added responsibility of leading a production area. It draws from the following aspects: Lighting, Sound, Set Design, Props, Costume Design, Makeup, Production Roles, Health and Safety.</p> <p>Unit Standards allow the student to work in areas of design and application. It is expected that this course will work in conjunction with other Performing Arts courses in order to produce productions, one off performances and recitals.</p> <p>Due to the nature of this course, some evenings throughout the year will be spent operating aspects of performances.</p>
Course Cost:	Students may be asked to attend shows and performances. Costs for costume design and makeup applicators.

Level 3 NCEA – Theatre Tech

THT3

Guideline:	<p>Level 2 Literacy</p> <p>Successful completion of Level 2 Theatre Technology AND / OR Level 2 Drama or another Art based subject OR interview with Head of Faculty.</p>
Course Information:	<p>This course is a practical and theoretical course in the technical aspects of live performance. It draws from the following areas: Lighting, Sound, Set Design, Props, Costume Design, Make-up, Production Roles, Health and Safety and builds on skills learnt in Theatre Technology 1 and 2.</p> <p>Unit Standards allow the student to work in areas of design and / or application. It is expected that this course will work in conjunction with other Performing Arts courses in order to produce productions and recitals. Due to the nature of this course, some evenings throughout the year will be spent operating aspects of performances.</p> <p>This course is grounded in professional practice; developing students' skills toward involvement in professional Performing Arts.</p>
Course Cost:	Students may be asked to attend shows and performances.

LEARNING AREA – GATEWAY & CAREERS

OUTSIDE THE SQUARE

Ms Dodds

Level 1 NCEA – Outside the Square

OTS1

Guideline:	None.
Course Information:	<p>This course is two semesters and is centred on a self-directed learning programme that accommodates a range of learning styles within flexible timeframes.</p> <p>It is set against the National Curriculum Document and covers skills needed for lifelong learning, incorporating the Key Competencies. Students will be challenged to make decisions for themselves and be encouraged to participate to the best of their abilities in all aspects of their learning.</p> <p>Unit standards will be offered in Core Generics, Communication Skills, and Supported Learning as appropriate to the individual student.</p>

GATEWAY COURSES

Ms Dodds

Level 2, 3 NB. These courses are in addition to your six timetabled subjects and must be applied for through Careers.

Guideline:	Must be motivated to learn in the workplace, be able to manage individualised learning and assessment, have a strong interest in a particular industry or career direction, and be reliable, with a good attendance record.
Course Information:	<p>Students can gain specific vocational skills leading to future employment and benefit from making significant progress towards qualifications. A Gateway student could expect to spend one day a week over a period of 10 weeks at a work placement.</p> <p>Students complete a work placement and have their learning assessed against Unit/or Achievement standards on the National Qualifications Framework and is integrated with their current programme of study.</p> <p>Application process takes place in October and Gateway staff will select suitable candidates.</p>

STAR COURSES

Ms Dodds

Level 1, 2, 3 NB. These courses are in addition to your six timetabled subjects (Yr11/12) or five timetabled subjects (Yr13) and must be applied for through Careers.

Guideline:	None.
Course Information:	<p>STAR provides learning opportunities for students in the Senior school. These are often short, introductory courses.</p> <p>Selection for this is made through enquiries at Connexions.</p>

	<p>It provides a chance to try out possible careers.</p> <p>It provides a chance to gain new skills that are appropriate to the workplace.</p> <p>It can lead to qualifications.</p> <p>It can provide a practical, 'hands on' work-based experience.</p> <p>It can allow students to experience a different learning environment.</p>
Course Cost:	The courses are available at a \$30.00 deposit by the student, to be refunded on successful completion.

BUSINESS RETAIL / TRADES

Ms Dodds

Level 2 NCEA – Business Retail / Trades

BRT2

Guideline:	None.
Course Information:	<p>Students will study aspects of service skills, health, and safety, first aid, business operation and financial skills, communication and public relation skills.</p> <p>They will also develop skills to manage their own learning programme, explore career options, produce a CV, investigate plans for future direction and marketing themselves to the job market.</p> <p>Unit Standards will be offered from Core Generics, Work and Study Skills.</p> <p>There may also be additional opportunities to participate in learning and work experiences outside the classroom as appropriate, to meet individual needs.</p>
Course Cost:	There may be a small cost involved.

Level 3 NCEA – Transition for the Future

TFF3

Guideline:	Completion of Year 12, or in consultation with the Head of Department.
Course Information:	<p>This course involves looking at strategies needed for managing your own finances and purchasing a house. We will also look at the importance of nutritional needs and creating resources for children. An opportunity to complete a First Aid course may be included at an appropriate time.</p> <p>This is a unit standard based course and counts towards NCEA Level 3.</p>

LEARNING AREA – MATHEMATICS

MATHEMATICS

Mrs Gentle

Level 1 NCEA – Maths Reasoning

MAR1

Guideline:	For students with a strong grounding in algebra, number, geometry and trigonometry and in consultation with their current maths teacher and the Head of Department.
Course Information:	This course has a strong foundation on number and algebra, which students will see occurring across all topics covered in the year. The course will include statistical reasoning and using mathematical reasoning to justify solutions across multiple strands of mathematics.
Course Cost:	Students are expected to provide their own graphics calculator \$120 approx.

Level 1 NCEA – Maths Investigations

MAI1

Guideline:	For students with a good understanding of number, a willingness to investigate how concepts work, strong basics in statistics and in consultation with their current maths teacher and the Head of Department.
Course Information:	This course has a strong foundation of investigating why and how concepts are combined. The course will include statistical and probability investigations, alongside number, measurement, and geometry investigations based on scenarios within our community.
Course Cost:	Students are expected to provide their own graphics calculator \$120 approx.

Level 1 NCEA – Maths Applied

MAP1

Guideline:	For students who need to focus on numeracy skills and in consultation with their current maths teacher and the Head of Department.
Course Information:	This course covers basic numeracy skills and uses measurement, geometry, statistics and probability alongside number to solve real life problems.
Course Cost:	students are highly recommended to purchase a numeracy workbook \$16.99 and are expected to provide their own scientific calculator.

Level 2 NCEA – Mathematics with Algebra

MAL2

Guideline:	Gained Achieved or higher in 91028 Graphs, 91027 Algebra and 14 credits in Level 1 Mathematics, or in consultation with the Head of Department.
Course Information:	This course covers solving problems in a number of contexts. These include practical trigonometry involving non-right-angled triangles, further algebra skills required to solve more complicated problems, using

	graphs to model and solve practical problems, calculus to solve problems involving rates of change and using co-ordinate geometry to interpret and solve problems.
Course Cost:	Students are expected to provide their own graphics calculator - \$120.00 approx.

Level 2 NCEA – Mathematics with Statistics

MAS2

Guideline:	Gained Achieved or higher in 91037 Chance and Data and 14 credits in Level 1 Mathematics, or in consultation with the Head of Department.
Course Information:	This course covers a wide range of concepts including posing a question for a statistical investigation, working with probability including risk, relative risk, and normal distribution, creating and using networks to solve contextual problems, carrying out simulations to represent a contextual situation, conduct an experiment to investigate a situation using statistical methods and evaluating statistical based reports.
Course Cost:	Students are expected to provide their own graphics calculator - \$120.00 approx.

Level 3 NCEA – Mathematics 3

MAS3

Guideline	14 credits in Level 2 Mathematics, or in consultation with the Head of Department.
Course Information:	This course covers a wide range of concepts including conducting statistical Investigations involving bivariate and time series data, solving problems involving probability including risk, relative risk and normal distributions, using and creating critical paths to solve contextual problems, and using linear programming and systems of equations to solve contextual problems.
Course Cost:	Students are expected to provide their own graphics calculator - \$120.00 approx.

CALCULUS

Mrs Gentle

Level 3 NCEA – Calculus

CAL3

Guideline:	Gained an Achieved or higher in 91261 Algebra, 91262 Calculus, 91257 Graphs, and 14 credits in Level 2 Mathematics, or in consultation with the Head of Department.
Course Information:	This is a course for students that enjoy challenging mathematical and algebraic problem solving. Essential course pathways for students who wish to undertake study in engineering, surveying, architecture, physical sciences.
Course Cost:	Students are expected to provide their own graphics calculator - \$120.00 approx.

Level 3 NCEA – Statistics 3

STA3

Guideline:	Gained an Achieved or higher in 91264 Statistical Investigation, 91267 Probability, and 14 credits in Level 2 Mathematics, or in consultation with the Head of Department.
Course Information:	This is a course for students where statistics is the exploration and use of patterns and relationships in data. This includes conducting statistical investigations involving bivariate and time series data, solving problems involving probability and distribution models. Social sciences, sciences, art, commerce, medicine or a research-based program where you need to collect data.
Course Cost:	Students are expected to provide their own graphics calculator - \$120.00 approx.

LEARNING AREA - SCIENCES

Level 1 NCEA – Science 101

SCI101

Guideline:	A high level of achievement in Year 10 Science.
Course Information:	This course is excellent preparation for students wishing to take any senior course. The course will cover a mixture of biology, chemistry, physics, earth and space science. This this course students will continue to learn what science is, how scientists work, and how scientists carry out investigations. Students will develop their critical thinking skills in terms of the validity of scientific information and engage in problem-solving around local socio-scientific issues.
Course Cost:	A workbook is desirable but not compulsory (approx. \$20)

Level 1 NCEA – Science 102

SCI102

Guideline:	Satisfactory achievement in Year 10 Science.
Course Information:	This course is excellent preparation for students wishing to take a health, biology, agriculture or general science course. This course will cover a mixture of biology, chemistry, earth and space science. In this course students will continue to learn what science is, how scientists work, and how scientists carry out investigations. Students will develop their critical thinking skills in terms of the validity of scientific information and engage in problem-solving around local socio-scientific issues.

Level 2 NCEA – Science

SCI2

Guideline:	Satisfactory completion of Science 101 or 102.
Course Information:	This General Science course provides the opportunity to study practical aspects of Science within Chemistry, Earth and Space Science, Biology and Education for Sustainability topics. It could provide pathways in SIT Science courses and Environmental studies. This course offers the chance for a subject endorsement with the external focusing on the topic of sustainability.
Course Cost:	Field Trips (approx. \$5)

Level 3 NCEA – Science

SCI3

Prerequisite:	Completion and achievement in any Level 2 Science course, or in consultation with the Head of Department.
Course Information:	This General Science course will give students the opportunity to study a broad field of science topics and issues. It will suit students who want to carry on with science at Level 3 but do not want to specialise into the separate science subjects. It will provide a good foundation for entry into Level 4 tertiary study and is a university entrance approved subject. This course may assess standards from Earth and Space Science, Chemistry, Education for Sustainability and Biology. All standards are internally assessed.

Level 3 NCEA – Human Science

HSC3

Prerequisite:	Completion and achievement in any Level 2 Science, Biology or Health course, or in consultation with the Head of Department.
Course Information:	<p>This course involves four standards made up of two Achievement and two Unit Standards from Biology, Home Economics and Health.</p> <p>If you are interested in learning about the human body and nutrition, this course will suit you.</p> <p>It enables future pathways into a variety of possible sectors including, but not limited to, early childhood / primary teaching, dental nursing, personal training, beautician, nurse aide or carer.</p>

AGRICULTURE

Mrs Young

Level 2 NCEA – Agriculture

AGR2

Guideline:	None.
Course Information:	This course is mainly internally assessed with one external examination in November. Level 2 Agriculture covers topics like animal reproduction, animal behaviour, livestock growth and development, and the environmental impacts of farming. There is a mixture of theory and practical work. As a course it would suit students who are passionate about farming and who would like to gain an understanding of all aspects

	of agriculture in New Zealand. Leading to a career in the primary sector, or on a farm, or pursuing further courses through Telford, Lincoln University or Growing Future Farmers. Students who wish to pursue an Agricultural Sciences degree are advised to take Biology, Agribusiness, or Chemistry as well.
Course Cost:	There may be costs involved with field trips, approx. \$100.00.

Level 3 NCEA – Agriculture

AGR3

Guideline:	Satisfactory completion of NCEA Level 2.
Course Information:	This course has both internally and externally assessed Achievement Standards. It develops the skills of investigation, research, and reporting writing. Topics include sustainability of farming around the Waihopai catchment, identifying market requirements of lamb, beef, milk, or velvet, and how activities on the farm impact the overall product, consumer preference and marketability of potatoes, apples and lambs. There is a huge focus in Year 13 Agriculture on the market we are selling to and how this affects everything we do on the farm. This course would suit students who are passionate about farming and would like to pursue further study and a career in agriculture.
Course Cost:	There may be costs involved with field trips, approx. \$30.00

BIOLOGY

Mrs Young

Level 2 NCEA – Biology

BIO2

Guideline:	Satisfactory completion of Science 101 and achievement of AS 1.9 (Genetics) OR satisfactory completion of Science 102 and achievement of AS 1.9 (Genetics) OR in consultation with the Head of Department.
Course Information:	This course is a mixture of internal and external assessed Achievement Standards. Topics include Zonation patterns at a rocky shore, a practical investigation into temperature and its effect on Daphnia's heart rate, comparison between land and water mammals, gene expression, and genetics. Practical investigations and field trips are built into this course to further develop biological understanding. This course is intended for any students who have an interest or would like to attend tertiary studies in biology, including nursing, veterinary science, medicine, and other health fields. It is also a great entry course into the pre-entry to nursing course at SIT polytechnic. To be eligible for Year 13 Biology you must take the Level 2 Biology course or have a conversation with the Head of Biology.
Course Cost:	Field trip (approx. \$5).

Level 3 NCEA – Biology

BIO3

Prerequisite:	Achievement of AS Biology 919959 (Gene Expression), or in consultation with the Head of Department.
Course Information:	This course will build on the biological knowledge and skills covered in Level 2 biology. There is a mixture of internal and external achievement standards. The Year 13 Biology course compliments both Physics and Chemistry and would suit students wanting to enter medicine, veterinary science, nursing, or other areas of the health sector. We have a huge focus on humans in Level 3 Biology with topics looking at how your own physical activity can affect bloody glucose, temperature, and your heart rate. Linking these results to homeostasis and your body regulating internal factors despite changes to the environment. Socioscientific issues that interest the students e.g. transgender athletes, euthanasia and many more. Then understanding Evolution, how humans have evolved and our final topic Plants and Animals.
Course Cost:	Workbook is desirable (approx. \$20) – Level 3 Scipad. External – combination of all 3 externals.

CHEMISTRY

Mr Claridge

Level 2 NCEA – Chemistry

CHE2

Guideline:	Satisfactory completion of Science 101, with achievement in AS 90944 (acids/base) and 90930 (rates of reaction) and satisfactory completion of Mathematics 101, or in consultation with Head of Department.
Course Information:	Level 2 will provide an introduction to basic concepts of the main branches of Chemistry, including theoretical, analytical, and practical chemistry. There will be standards which are assessed both internally and externally.
Course Cost:	Chemistry Workbook is desirable (approx. \$25).

Level 3 NCEA – Chemistry

CHE3

Prerequisite:	Achievement of Level 2 Chemistry AS 2.1, 2.2 and 2.7, or in consultation with the Head of Department.
Course Information:	This course builds on Level 2 Chemistry and develops a more in-depth understanding and exploration of chemical systems. Students will develop further scientific knowledge and skills and gain understanding of materials, processes, and environmental interactions. There will be standards which are assessed both internally and externally.
Course Cost:	Two Chemistry Workbooks are desirable (approx. \$30). There may be costs involved in the practical investigation.

Level 2 NCEA – Physics

PHY2

Guideline:	Gained a minimum of 14 Credits in Level 1 Science, 14 Credits in Level 1 Maths and achieved at least 1 External Science Standard, preferably Achieved or higher in Level 1 Mechanics.
Course Information:	Physics 201 will introduce the main areas of Physics. The topics covered are Mechanics, Electricity and Electromagnetism, Atomic and Nuclear Physics and practical Physics. This course offers both Internal and External Level 2 Achievement Standards.
Course Cost:	A course book is advised (approx. \$30).

Level 3 NCEA – Physics

PHY3

Prerequisite:	Minimum of 10 credits gained in Level 2 Physics, including at least one External (mechanics and/or electricity and electromagnetism) or in consultation with the Head of Physics.
Course Information:	Physics 301 builds on the skills and knowledge gained in Level 2 Physics. The topics covered in Mechanics, Waves, Modern Physics, and practical Physics. Students have the option to do Electricity and Electromagnetism. This course offers both Internal and External Level 3 Achievement Standards.
Course Cost:	A course book is advised (approx. \$40).

LEARNING AREA – VISUAL ARTS & DESIGN

VISUAL ART

Mrs Templer

Students intending to take Visual Arts or Design and Visual Communication in Year 11 are recommended to have taken 2 Semesters from the Visual Arts Learning Packages over 2 years.

Level 1 NCEA – Visual Art

VAR1

Guideline:	None. It can help to have taken BAM, AWX or AVC.
Course Information:	Students will explore themes developing work across a wide range of art making mediums. They will extend their practical knowledge and creative thinking while creating a visual diary and finished artworks. Students will work towards NCEA Achievement Standards.
Course Cost:	Stationery requirements: A4 Visual Diary/workbook, set of paint brushes and paints for home use, art pencil and rubber. Students will need approx. \$10 for photocopying and \$3 for folio cardboard.

Level 2 NCEA – Painting / Printmaking / Sculpture (Visual Art)
VAR2

Guideline:	Completion of Level 1 Visual Art is advisable, or in consultation with the Head of Department.
Course Information:	Student will work towards planning and developing artworks in a selected field (painting, printmaking or sculpture) learning skills and understanding ways of making art. They will use a visual diary workbook process to record learning before developing and presenting works for the external examination on two A1 panels. They will interpret a theme by developing ideas based on established practice. This subject links with all the Level 3 NCEA Visual Art subjects.
Course Cost:	Stationery requirements: All students must have an A4 workbook/visual diary, approx. \$10.00, printing costs, art pencil and rubber. Painting students are required to have a set of paint brushes and paints for home use. Sculpture students will be required to bring some materials from home for making sculptures. \$6.00 external examination folio panel costs is also required.

Level 3 NCEA – Painting / Printmaking / Sculpture (Visual Art)
VAR3

Prerequisite:	Completion of Level 2 Visual Art or Level 2 DME, or in consultation with the Head of Department.
Course Information:	Students will work towards planning and developing work in a selected field (painting, printmaking and sculpture) for a three-panel folio external examination. Students will use a workbook to help develop ideas, skills, techniques and analytical thinking based on a theme of their choice. Art History can complement this subject.
Course Cost:	Stationery requirements: A4 workbook/visual diary, art pencil and rubber. Painters are required to have a set of brushes and paints for home use. Sculpture students will be required to bring some materials from home for making sculptures. All students are also required to cover copying costs of approx. \$10.00 and \$9.00 folio cardboard cost for the external examination.

PHOTOGRAPHY
Level 3 NCEA – Photography (Visual Art)
PHO3

Prerequisite:	Completion of Level 2 Visual Art or Level 2 DME, or in consultation with Head of Department.
Course Information:	Students will work towards planning and developing photographic art works within a selected field for a 3-panel folio (external). Students will interpret a theme, developing ideas based on established practice.

	Art History Level 3 complements this subject.
Course Cost:	Stationery requirements: A4 Workbook/Visual Diary, USB memory stick, SD card for digital camera use, or own their own digital camera. Students will be required to cover colour printing costs for the external examination of approx. \$50, and \$9 folio cardboard cost.

DESIGN (VISUAL ART)

Mrs Templer

Level 3 NCEA – Design (Visual Art)

VAD3

Prerequisite:	Digi Image Level 2, Visual Art Level 1, Painting/Printmaking Level 2, or in consultation with the Head of Department.
Course Information:	Students should have experience of Photoshop and/or Illustrator. Students will work towards planning and developing design concepts within a specific design field, e.g., illustration, visual communication / advertising. Students can work in a digital format, by hand or a combination of both. Students will develop design based on knowledge of established practice. Art History compliments this subject.
Course Cost:	Stationery requirements: A4 Workbook/Visual Diary, USB memory stick. Students will be required to cover colour printing costs for external examination folio of approx. \$50, and \$9 external folio cardboard cost. Students will need to provide a Wacom tablet if they want to work in digital drawing.

Level 1 NCEA – Digital Arts – Design and Photography**DAD1**

Prerequisite:	None. It can help to have taken DME, BAM, AWX or AVC.
Course Information:	Students will explore themes developing work across a range of digital media. This could include photography, character design and animation/moving media. Students will create a visual diary to develop work and also a range of finished artworks. All equipment is accessible to students and can be used in class time. Students will work towards NCEA Level 1 Achievement Standards.
Course Cost:	Stationery requirements: An A4 Visual Diary/workbook, USB memory stick and SD card for digital camera use. Students will be required to pay for some printing via their printing accounts and \$3 for folio cardboard.

Level 2 NCEA – Digital Arts – Design and Photography**DAD2**

Prerequisite:	It is preferable that students have completed Level 1 Digi Image or Level 1 Visual Arts, but it is not compulsory to have done either.
Course Information:	Students will work towards planning and developing design concepts within a specific design field, e.g., illustration, visual communication, and advertising. Panel folio – 2 internal assessments work This subject links to Level 3 NCEA Design.
Course Cost:	Stationery requirements: A4 Workbook/Visual Diary, USB memory stick and SD card for digital camera use. Students will be required to cover some costs of colour printing for the folio (external examination) approx. \$40, and \$6 folio cardboard cost. If students wish to create their work on a drawing tablet, they will need to provide a Wacom tablet to do so.

Level 2 NCEA – Digital Arts – Photography**DAP2**

Prerequisite:	It is preferable that students have completed Level 1 Digi Image or Level 1 Visual Arts, but it is not compulsory to have done either.
Course Information:	Students will work towards planning and developing photographic art works within a selected field for a 2-panel folio (external examination) and internal assessment work. Students will interpret a theme, and developing ideas based on established practice. This subject links to Level 3 NCEA Photography.
Course Cost:	Stationery requirements: A4 Workbook/Visual Diary, USB memory stick and SD card for digital camera use, or their own digital camera. Students do not have to own a camera. Digital cameras can be loaned through the Department for student use. Students will be required to cover some costs of colour printing for the folio (external examination) approx. \$40, and \$6 folio cardboard cost.

ACTION PLAN

Choosing School Subjects

Use this plan to help you decide which subjects to take in your next school year.

Step 1: Work out what subjects you enjoy

Subjects I like doing now

Subjects I'm interested in doing next year

Subjects that include activities I like doing outside of school <i>e.g., playing music, helping people, thinking creatively</i>

Step 2: Work out what subjects you are good at

Subjects I am strongest in

Subjects' others say I'm good at

Step 3: Find out what subjects you need for your career ideas

Explore the Jobs Database on the Careers New Zealand website to find out what subjects you need for your career ideas.

A useful website to support your decision making:

<https://www.careers.govt.nz/ncea-subject-choice/>

Career Ideas	Subjects I need

Looking for Career Ideas?

Use the interactive tools on the Careers New Zealand website www.careers.govt.nz to help you get some career ideas:

- Subject Matcher – job ideas based on subjects you enjoy.
- Jobs by Interest – jobs that relate to areas of work you are interested in.
- CareerQuest – job ideas based on your interests.
- Skill Matcher – job ideas based on your skills.

Still unsure about what Career would suit you.

It's okay if you don't know what you want to do in the future. Studying a broad range of subjects will keep your career options open. Keeping up with English, Maths and at least one Science subject is a good place to start.

Talk it over

Talk about your subject choices with your parents and whanau, teachers, and careers advisers.

Talk to Careers New Zealand advisers if you need more help.

Call 0800 222 733 or chat online.

HOW TO SELECT YOUR OPTIONS ON MUSAC EDGE

Please follow the steps below to make your selection. You can do this by either using the Edge App or logging into the website link below. The selection system opens from Mon 4 September 2023 and closes on Tues 10 October 2023.

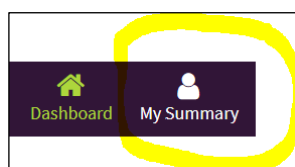
If you need to make any changes you can do this before Option Selection closes on Tues 10 October 2023. To do this please go back into the Options tab, untick the option you no longer want to take, **SAVE**, then choose the option you do want to take, **SAVE**

Step 1: Login with your school email address and EDGE password - if you have any problems with this see Mrs Pirini or Mrs Garrick.

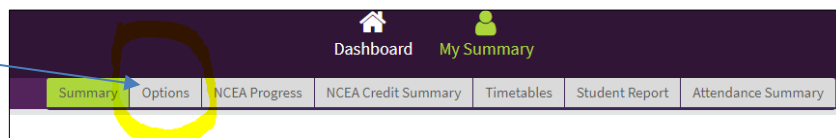
<https://student.musac.school.nz>



Step 2: Select 'My Summary'



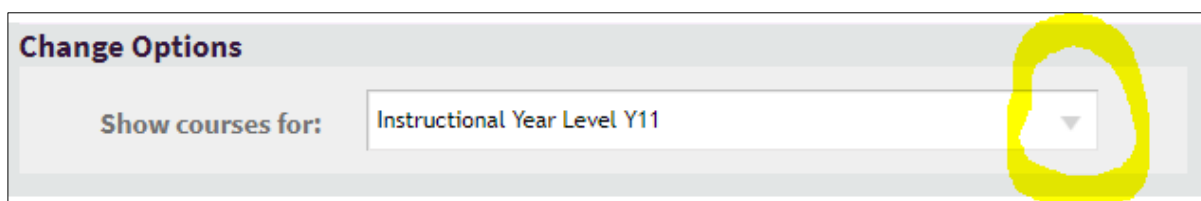
Step 3: Select 'Options'



Step 4: Change the Year to 2024



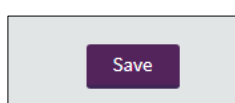
Step 5: Select the Year level for which you wish to do the course



Step 6: Select your options choices

- Year 11 6 options including Maths, English and Science
- Year 12 6 options including English (Mathematics is highly recommended)
- Year 13 5 options (English or an English rich subject is highly recommended)

Step 7: Select Save



KEY COMPETENCIES

Our curriculum is embedded in the key competencies. These are the capabilities people need to live, learn, work, and contribute as active members of their communities.

Opportunities to develop competencies occur in social contexts.

Our learning skills that are reported on are:

MANAGING SELF IS ABOUT

- Self-Motivation.
- Setting goals and making plans.
- Knowing who you are, where you come from and how you fit in.

RELATING TO OTHERS IS ABOUT

- Interacting with a diverse range of people in a variety of contexts.

PARTICIPATING AND CONTRIBUTING IS ABOUT

- Participating actively in local, national, and global communities.

USING LANGUAGE, SYMBOLS AND TEXTS IS ABOUT

- Working with and making meaning of the codes in which knowledge is expressed.

THINKING IS ABOUT

- Being creative, critical, and reflective.
- Intellectual curiosity is at the heart of this competency.

Our learning skills from the key competencies are reported on as:

- Prepared for Learning
- Engaged in Learning
- Completes set tasks
- Considers others



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