

KAIKOURA HIGH SCHOOL



**Middle School
(Year 9/10) Course
BOOKLET
2023**

Programme of Study

Every effort is made to ensure students are able to study the subjects they want to. The school timetable is structured around student subject selection. However, students may not get their preferred option at the time they want it and the school has the final say in which class a student may end up in.

Subject selection is based around three factors:

- ☐ Skills & Ability
- ☐ Interest
- ☐ Career Pathways

Students may not know exactly what they want to do when they finish secondary school but some serious thought should have been given to possible career options.

When selecting subjects students need to:

1. Be clear about what subjects they enjoy the most.
2. Be clear about their ability in each subject. Check with their teachers if necessary.
3. Identify their **Vocational Pathway** using www.youthguarantee.net.nz
4. Identify career possibilities in their vocational pathway.
5. Find out what subjects relate to jobs in their vocational pathway using www.careers.govt.nz
6. **Consult with Form tutors about any of the above if necessary.**

Careers Information

Students must have a career plan and check that they have selected the right subjects for their career choice(s). A number of specific career pathways require particular subjects to be studied at school.

Remember the following:

- ☐ All careers require Mathematics to some level and to an advanced level in a number of fields such as the Sciences.
- ☐ English is also required to some level in all careers and to an advanced level in information based careers such as Law.
- ☐ Science and Engineering careers usually require Mathematics, Chemistry and Physics as well as Biology in some cases.

It is important that all students understand the subject level required for entry into their intended career.

When planning for a career you can find careers information from the following information sources:

- ☐ The Careers Counsellor, and other Careers Department Staff;
- ☐ Appropriate tertiary training provider booklets;
- ☐ Youth Guarantee Website www.youthguarantee.net.nz for Vocational Pathways information;
- ☐ CareersNZ Website www.careers.govt.nz for all careers information;
- ☐ Career Quest to assist in career selection;
- ☐ Careers Information Leaflets;
- ☐ Jobs Galore Manual

Subjects and Courses

- Please read the subject criteria carefully and note any prior learning recommended.
- Some courses have been designed to help students to progress at an appropriate level for their learning needs. Staff will advise if these courses are suitable or not for a student.
- The subjects presented are correct at this time but we may change their order, reoffer a popular subject if required or change a topic if there is little interest in it. Students will be kept advised of any changes over the year.
- Most courses will have a form of course fees to cover take home components. This can be paid off in instalments eg direct credit.
- If selecting a language it is **strongly advised** that you take this course for the full year in order to gain the most benefit.

Who to Get Advice From

- Students should talk to their subject teacher about advancement in that subject to another level.
- The Heads of Learning Area have an overall oversight of course requirements and have an active part to play in subject selection.
- Deans, along with the Head of Level, will assist with advice as to the appropriate nature of a course.

Course codes start with the year level number e.g. 9 or 10 then the code as it appears on the timetable: Science Captain Planet would be 9SCCP.

Students have 6 courses each term of 4 periods per week.

As an example - 2022 timetable looked like this:

Line 1	Line 2	Line 3	Line 4	Line 5	Line 6
SoS	SoS	Eng	Hea	SoS	Rur
Eng	Jap	Math	Eng	Sci	Dra
PE	Math	Art	DT	Gra	Sci
Sci	Bus	PE	Math	Food	Te Reo
			PE		

The minimum choices for each area are on each subject page:

Within a year students **must** take:

- a minimum of 3 dark blue courses (Eng)
- a minimum of 3 red courses (Math)
- a minimum of 3 purple (SoS)
- a minimum of 3 dark green (Science)
- a minimum of 3 yellow (PE)
- One pink (Health)
- One Digital Tech
- One Numeracy

Courses of Study for NCEA Progression

	YEARS 7 and 8	YEAR 9 and 10	YEAR 11	YEAR 12	YEAR 13
English	English	English	English	English	English
Mathematics	Mathematics	Mathematics	Mathematics	Mathematics Mathematics with Statistics	Mathematics with Calculus, Mathematics with Statistics
Science	Science	Science Rural Studies	AgriBio Science Physical Science General Science	Biology Chemistry Earth Space Science Physics Agribusiness	Biology Chemistry Earth Space Science Physics
Social Sciences	Social Studies	Social Studies	Geography History	Geography History Tourism	Geography History Tourism
Health & Physical education	Physical Education Health Food & Nutrition	Physical Education Health Food & Nutrition	Physical Education Health Food & Nutrition OED	Physical Education Outdoor Education Health Food & Nutrition	Physical Education Health
Languages	Te Reo Māori	Te Reo Māori Japanese	Te Reo Māori From year 11 languages available via distance education also		
ART	Art	Art	Painting Design Printmaking	Painting Photography Design	Art Painting Art Photography
Business Studies		Business Studies	Accounting Economics Business	Accounting Economics Enterprise Studies	Accounting Economics Enterprise Studies
Technology	Graphics Hard Materials Digital Technology	Graphics Digital Technology	Digital Technology Graphics Trades	Graphics Trades	Graphics
Gateway				Gateway	Gateway

Courses offered in 2023:

(information on each terms courses are in the following pages)

Art

English

Learning Languages (please note it is strongly recommended if studying a language that this is done for the half or whole year).

- Te Reo Maori
- Japanese

Mathematics

Physical Education

Science

Social Science

Digital Technology

Technology and Other

- Hard Materials
- Food Technology

Literacy for NCEA

ART

Term 1

Course Title: Rock the Pop	
Learning Area: ART	Code: ARP
What are you going to do?	You will do several smaller tasks around understanding how stencils work then you will make a large Face poster of yourself, a relative or a celebrity.
What are you going to learn?	You will learn how stencils are structured and how to layer work to create your poster.
What Careers could this lead to?	Graphic Design, Advertising, Illustrator, Teacher, Fashion, Media, Film, Theater.
How does this connect to NCEA?	All skills, techniques and artist model knowledge gained in middle school can be used in NCEA Level Art.
What gear will I need?	2B pencil and Eraser.

Term 2

Course Title: Artist Study	
Learning Area: ART	Code: AAS
What are you going to do?	For this term you will be exploring a given artist and an artist of your choice. You will do an artist study and a final piece, drawing on one or multiple elements of the artist's practice to influence your own work.
What are you going to learn?	You will learn the process of how to research and use influences to add to your own creativity.
What Careers could this lead to?	Fine Artist, Designer, Advertising, Illustrator, Teacher, Conservation.
How does this connect to NCEA?	All skills, techniques and artist model knowledge gained in middle school can be used in NCEA Level Art.
What gear will I need?	2B pencil and Eraser.

Term 3

Course Title: Mixing It Up	
Learning Area: ART	Code: AMU
What are you going to do?	You will be making artworks that involve drawing, painting and collage.
What are you going to learn?	You will learn about mixed media artists and how they work and will use what you learn in the production of your own works. You will also be practicing drawing skills.
What Careers could this lead to?	Graphic Design, Advertising, Illustrator, Teacher, Fashion, Media, Film, Theater.
How does this connect to NCEA?	All skills, techniques and artist model knowledge gained in middle school can be used in NCEA Level Art.
What gear will I need?	2B pencil and Eraser.

Term 4

Course Title: Portraits	
Learning Area: ART	Code: AP
What are you going to do?	You will be producing pencil and charcoal portraits and self-portraits.
What are you going to learn?	You will learn about values and shading. Proportions of the human face. Experimenting with graphite and charcoal.
What Careers could this lead to?	Fine Artist, Designer, Advertising, Illustrator, Teacher.
How does this connect to NCEA?	All skills, techniques and artist model knowledge gained in middle school can be used in NCEA Level Art.
What gear will I need?	2B pencil and Eraser.

English

You must select a minimum of three English over the year.

Term 1

Course Title Change	
Learning Area: English	Code: ENC
What are you going to do?	Explore the idea of change in the human and the natural world. We will consider big ideas such as the changes we see in the world around us and in ourselves. We will use a range of fiction, non-fiction, poetry and film to formulate our own ideas.
What are you going to learn?	How to think critically and respond to texts. How to make meaning of varied text types. How to develop and express ideas orally and in writing.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be author, journalist, poet, research assistant, teacher, film maker and editor.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title How Deep Do You See?	
Learning Area: English	Code: ENHD
What are you going to do?	In this unit we consider the effects of labelling and stereotypes on our wellbeing. We explore ways to make it possible for humans to live in harmony together using a range texts to formulate our own ideas.
What are you going to learn?	How to integrate sources of information, processes and strategies confidently to identify, form and express ideas.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be journalist, research assistant, social worker, teacher, counsellor.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude

Course Title Getting To Know You	
Learning Area: English	Code: ENGK
What are you going to do?	Using poetry, music and short stories we will learn about how you express your personal identity. We will explore a range of visual, written and oral texts linked to the diversity within our society.
What are you going to learn?	How to select and use an appropriate writing style for a selected audience and purpose.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be writer, teacher, social worker, advocate, spokesperson, musician, graphic novelist, politician.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude

Term 2

Course Title War and Peace	
Learning Area: English	Code: ENWP
What are you going to do?	Through poetry, film, drama and short fiction we look at the history of war through the ages to the present day. We will look at the consequences of conflict and consider learning from the mistakes of the past.
What are you going to learn?	How to craft your writing using a range of words and language techniques to create meaning.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be historian, author, journalist, armed services member or teacher.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title Survival	
Learning Area: English	Code: ENS
What are you going to do?	Looking at human survival, particularly in the Arctic and Antarctic, we will study encounters with predators and vulnerable species. We will also consider issues such as earthquake/tsunami protection and global warming.
What are you going to learn?	How to integrate sources of information, processes and strategies confidently to identify, form and express ideas.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be uniformed services member, journalist, research assistant, geophysicist, meteorologist, historian, engineer, explorer.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title A more Perfect Future	
Learning Area: English	Code: ENPF
What are you going to do?	We will explore texts which examine futures: some with great freedom and some with great control. We will formulate and express ideas on how we see our futures.
What are you going to learn?	How to integrate sources of information, processes and strategies confidently to identify, form and express ideas. How to construct and deliver a persuasive argument.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be science fiction writer, computer technician, anthropologist, scientist, politician or lawyer.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude

Term 3

Course Title Mind your Language	
Learning Area: English	Code: ENML
What are you going to do?	We will learn about the origins of New Zealand English and look at how language changes over time. We will explore where new words come from and when spelling does (or does not) matter.
What are you going to learn?	Research skills, note taking and summary skills and also how language is acquired.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be author, teacher, journalist, historian, etymologist, forensic graphologist.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title Fights and Flights	
Learning Area: English	Code: ENFF
What are you going to do?	This unit looks at conflict and violence in gaming, on film and on the page. We look at the creation of action scenes and work to answer the question 'how much is too much' violence in texts?
What are you going to learn?	How to integrate sources of information, processes and strategies confidently to identify, form and express ideas. How to construct and deliver a persuasive argument.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be game designer, filmmaker, writer, graphic novelist, psychologist and lawyer.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title Write On!	
Learning Area: English	Code: ENWO
What are you going to do?	The focus of this course is on producing and refining your own creative or formal writing to publication standard.
What are you going to learn?	How to draft and edit a range of fiction, poetry and other written texts. How to select effective words and structures to create effects.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be writer, poet, journalist, editor, proofreader, teacher.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Term 4

Course Title Media Savvy	
Learning Area: English	Code: ENMS
What are you going to do?	You will design a product and construct your own advertising campaign to promote it to a target audience.
What are you going to learn?	How to write and present for a target audience. How to construct and deliver a persuasive argument. How to use language, symbol;s and text to convey ideas.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be advertising executive, copywriter, journalist, magazine editor or writer.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title Consequences	
Learning Area: English	Code: ENCO
What are you going to do?	Using fiction and non-fiction texts, we explore how a right or wrong decision can have significant and life-changing effects. We will read a novel and study some non-fiction sources. We will respond in discussion and in writing.
What are you going to learn?	How to evaluate sources. How to integrate sources of information, processes and strategies confidently to identify, form and express ideas.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be uniformed services officer, teacher, lawyer and journalist.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Course Title: Beyond Now	
Learning Area: English	Code: ENBN
What are you going to do?	We look at science fiction and science fact to establish our views on the advances humanity has made, and is yet to make. We will look at texts written in the past but set in the future and comment on the accuracy of their predictions.
What are you going to learn?	How to read and respond in depth to a range of texts. How to express ideas fluently both orally and in writing.
What Careers could this lead to?	English provides skills for lifelong learning across all careers. Key careers from this unit would be uniformed services officer, teacher, lawyer and journalist.
How does this connect to NCEA?	All skills taught in this unit relate directly to assessments in English at NCEA levels 1-3, the Literacy standards and support the baseline expectations of the reading and writing levels for all NCEA subjects at Level 1.
What gear will I need?	Enthusiasm, stationery (1B8, pen, pencil, coloured pencils, scissors, glue and personal headphones) and a positive attitude.

Te Reo

If you select a language we recommend taking it for at least 2 consecutive terms.

TERM 1

Course Title: Ngā mahi a te Rā - Daily Routines	
Learning Area: Languages	Code: TRDR
What are you going to do?	Write a biography and deliver a speech about someone important to you.
What are you going to learn?	Communicate about people's occupations, daily routines, customs and habits, past activities, such as who did or didn't do something and when an event occurred.
What Careers could this lead to?	Developing your spoken reo Māori skills is an asset in any job in New Zealand.
How does this connect to NCEA?	This is a stepping stone to NCEA Levels One, Two and Three
What gear will I need?	Books, pens, great attitude

TERM 2

Course Title: Te Ao Pakanga	
Learning Area: Languages	Code: TRPH
What are you going to do?	You will investigate the origins, tikanga and language associated with warfare. The history and development of Māori weapons and tikanga surrounding warfare will be investigated.
What are you going to learn?	Communicate about tikanga Māori, the history of inter-tribal warfare, the use of rākau māori (weapons) and basic techniques.
What Careers could this lead to?	Developing your spoken reo Māori skills is an asset in any job in New Zealand.
How does this connect to NCEA?	This is a stepping stone to NCEA Levels One, Two and Three
What gear will I need?	Books, pens, great attitude

TERM 3

Course Title: Hākinakina	
Learning Area: Languages	Code: TRH
What are you going to do?	Learn language and kupu associated with sport. Learn how to describe your favourite sport, the positions, rules and your favourite players/teams.
What are you going to learn?	Communicate about various sports, including your opinions using comparisons and descriptive language. Students who have worked through this topic in 2022 will have the opportunity to build on the work they completed and extend their language or choose a different sport to focus on.
What Careers could this lead to?	Developing your spoken reo Māori skills is an asset in any job in New Zealand.
How does this connect to NCEA?	This is a stepping stone to NCEA Levels One, Two and Three
What gear will I need?	Books, pens, great attitude

TERM 4

Course Title: Te Haerenga ki te Tāone - Going to town	
Learning Area: Languages	Code: TRGT
What are you going to do?	You will plan a trip to town with your class, do the trip and then write a recount about the trip.
What are you going to learn?	Communicate about where you are going in past/present and future tense, describe the purpose of the journey and communicate about how you get there.
What Careers could this lead to?	Developing your spoken reo Māori skills is an asset in any job in New Zealand.
How does this connect to NCEA?	This is a stepping stone to NCEA Levels One, Two and Three
What gear will I need?	Books, pens, great attitude

Japanese

Term 1

Japanese: Anime and Manga	
Learning Area: Japanese	Code: JAM
What are you going to do?	We will look at the history of Japanese Anime and Manga, while also watching Anime as a nice reward!
What are you going to learn?	We will still cover basic reading and writing, vocabulary, and grammar, and will tailor the level to suit the students. All students will be challenged to speak/listen as much as possible.
What Careers could this lead to?	Having basic knowledge of another language can be used in many careers, locally and internationally. This class will also allow you to learn about another culture, which could help in industries such as tourism and business.
How does this connect to NCEA?	Year 9 and 10 Japanese will prepare you for Level 1 Japanese but students will have to be motivated to succeed in senior Japanese.
What gear will I need?	B8 exercise book and stationary.

Term 2

Sports in Japan	
Learning Area: Japanese	Code: JSP
What are you going to do?	In this class we will explore the national sport and everything that is unique about Japanese sport.
What are you going to learn?	We will still cover basic reading and writing, vocabulary, and grammar, and will tailor the level to suit the students. All students will be challenged to speak/listen as much as possible.
What Careers could this lead to?	Having basic knowledge of another language can be used in many careers, locally and internationally. This class will also allow you to learn about another culture, which could help in industries such as tourism and business.
How does this connect to NCEA?	Year 9 and 10 Japanese will prepare you for Level 1 Japanese but students will have to be motivated to succeed in senior Japanese.
What gear will I need?	B8 exercise book and stationary.

Term 3

Japanese: Japanology	
Learning Area: Japanese	Code: JAP
What are you going to do?	All things Japanese – from soy sauce to sword making. This unit will look at some of the well-known examples of technology and products that have come out of Japan and how they are made. We will also have a chance to explore some of the lesser known examples. On top of this we will explore the language within this context.
What are you going to learn?	We will still cover basic reading and writing, vocabulary, and grammar, and will tailor the level to suit the students. All students will be challenged to speak/listen as much as possible.
What Careers could this lead to?	Having basic knowledge of another language can be used in many careers, locally and internationally. This class will also allow you to learn about another culture, which could help in industries such as tourism and business.
How does this connect to NCEA?	Year 9 and 10 Japanese will prepare you for Level 1 Japanese but students will have to be motivated to succeed in senior Japanese.
What gear will I need?	B8 exercise book and stationary.

Term 4

Japanese: Cuisine	
Learning Area: Japanese	Code: JAC
What are you going to do?	In this class we will use Japanese food as our theme. We will look at vocabulary/grammar related to food and will explore some of the unique and interesting foods.
What are you going to learn?	The main focus of the class will be using food as our theme - for vocabulary, grammar and discussions. We will have an opportunity to create and eat some basic Japanese dishes.
What Careers could this lead to?	Having basic knowledge of another language can be used in many careers, locally and internationally. This class will also allow you to learn about another culture, which could help in industries such as tourism and business.
How does this connect to NCEA?	Year 9 and 10 Japanese will prepare you for Level 1 Japanese but students will have to be motivated to succeed in senior Japanese.
What gear will I need?	B8 exercise book and stationary. There will be a small cost involved for ingredients.

Mathematics

You must select a minimum of three Maths over the year.

Students are strongly recommended to take only one mathematics course per school term - each term the same course is offered on three different lines. The content across all four terms is foundational knowledge in many curriculum areas and it is helpful for students to take all these courses if they anticipate working in any trade, the sciences, commerce or going onto tertiary study.

Term One

Course Title: Number & Algebra	
Learning Area: Mathematics & Statistics	Code: MNA
What are you going to do?	Solve number problems in a range of contexts.
What are you going to learn?	How to use positive and negative numbers, fractions, decimals, percentages, rates, ratios, proportions, powers to solve a range of problems.
What Careers could this lead to?	Any career which requires you to estimate, measure and calculate quantities.
How does this connect to NCEA?	These skills are essential everyday life skills, they connect to numeracy and every other subject area at NCEA Level 1 with a quantitative element.
What gear will I need?	Pens (red, blue black), pencil, eraser, sharpener, 1E5 math book, 30 cm ruler, protractor. Any further costs to be advised.

Term Two

Course Title: Algebra & Measurement	
Learning Area: Mathematics & Statistics	Code: MAM
What are you going to do?	Solve algebraic equations, manipulate algebraic expressions, as well as take accurate measurements and use metric units to calculate area, volume and perimeter in a variety of contexts.
What are you going to learn?	You will learn how to solve algebraic equations and manipulate algebraic expressions. You will also learn how to take accurate measurements, use metric units and calculate area, volume and perimeter in a variety of contexts.
What Careers could this lead to?	Any career which requires you to estimate, measure and calculate quantities.
How does this connect to NCEA?	These skills are essential everyday life skills, they connect to numeracy and every other subject area at NCEA Level 1 with a quantitative element.
What gear will I need?	Pens (red, blue black), pencil, eraser, sharpener, 1E5 math book, 30 cm ruler, protractor. Any further costs to be advised.

Term Three

Course Title: Graphs & Geometry	
Learning Area: Mathematics & Statistics	Code: MGG
What are you going to do?	You will explore spatial and numeric patterns, graphs, shapes, angles, geometric theorems including pythagoras' theorem and trigonometry in a number of contexts.
What are you going to learn?	You will learn how to model spatial and numeric patterns, graph equations and patterns. You will also learn the properties of various shapes, how to apply angle theorems, pythagoras theorem and use trigonometry.
What Careers could this lead to?	Any career which requires you to estimate, measure and calculate quantities. Especially careers with a spatial element.
How does this connect to NCEA?	These skills are essential everyday life skills, they connect to numeracy and every other subject area at NCEA Level 1 with a quantitative element.
What gear will I need?	Pens (red, blue black), pencil, eraser, sharpener, 1E5 math book, 30 cm ruler, protractor. Any further costs to be advised.

Term Four

Course Title: Transformations, Probability & Statistics	
Learning Area: Mathematics & Statistics	Code: MTP
What are you going to do?	You will investigate and solve problems related to geometric transformations, probability situations or data gathering and analysis.
What are you going to learn?	You will learn how to apply and analyse geometric transformations, solve probability problems and gather, interpret and display statistical information.
What Careers could this lead to?	Any career which requires you to estimate, measure and calculate quantities. Also any career with an analytic component related to either data or spatial properties.
How does this connect to NCEA?	These skills are essential everyday life skills, they connect to numeracy and every other subject area at NCEA Level 1 with a quantitative element.
What gear will I need?	Pens (red, blue black), pencil, eraser, sharpener, 1E5 math book, 30 cm ruler, protractor. Any further costs to be advised.

Physical Education

You must select a minimum of three Physical Education courses a year.

Term 1

Course Title: Tchoukball & Volleyball	
Learning Area: Physical Education	Code: PETV
What are you going to do?	Through both practical and classroom lessons you will explore skill learning through context of Volleyball. On the second half of the course you will be working in groups to plan and run skill sessions for the game Tchoukball.
What are you going to learn?	You will learn about the different stages of learning, how we learn, what the different motor skills are and about different types of practice you can use to learn or improve a skill.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Course Title: BJJ & Judo	
Learning Area: Physical Education	Code: PEJJ
What are you going to do?	Through both practical and classroom lessons you will explore aspects of Physiology, biomechanical concepts such as balance, stability, Newton's Laws, and Summation of Forces through the context of Jiu-Jitsu and Judo.
What are you going to learn?	How is it possible for a small person to easily throw a heavier and bigger person? Learn about the muscles, joints and bones manipulated in techniques and why they work. Learn how to use levers and force to easily throw a person. Join in and find out.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors. Some judo jackets are available to be used for students.

Course Title: Ultimate Games	
Learning Area: Physical Education	Code: PEUG
What are you going to do?	Through both practical and classroom lessons, you will be participating in a variety of "Ultimate" games, such as, frisbee, touch, dodgeball, etc.
What are you going to learn?	You will learn the different rules and skills of sports as well as developing interpersonal skills through working with your peers to enable a successful outcome for your team.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Term 2

Course Title: Fitter, Faster, Stronger	
Learning Area: Physical Education	Code: PEFF
What are you going to do?	Through both practical and classroom lessons you will be involved in various fitness activities such as crossfit, HIIT classes and the Titan games working on your strength, speed and agility.
What are you going to learn?	You will learn about the bodies bones, muscles, energy systems and different types of training.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Course Title: Oval Ball Games	
Learning Area: Physical Education	Code: PEOB
What are you going to do?	Through both practical and classroom lessons you will be involved in a variety of oval ball shaped games, such as, Touch, Turbo Touch, Ultimate, Aussie Rules etc. You will be working on moving into space & attack / defence strategies.
What are you going to learn?	You will explore skill learning techniques and then apply them in a lesson that you will construct for your classmates in groups.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non- marking trainers for indoors.

Course Title: Football & Netball	
Learning Area: Physical Education	Code: PEFN
What are you going to do?	Through both practical and classroom lessons you will take part in skills, drills and games of football and netball whilst exploring gender equality in sport and exploring the difference between professional and amateur sport.
What are you going to learn?	You will learn the rules and skills of each sport as well as gaining an insight into the gender inequalities and bias in sport. You will also learn about the socio-cultural factors that influence the popularity of different sports in New Zealand and globally.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non- marking trainers for indoors.

Term 3

Course Title: Circus & Dance	
Learning Area: Physical Education	Code: PECD
What are you going to do?	Through both practical and classroom lessons you will learn circus skills such as juggling, diablo, plate spinning and devil sticks. You will also participate in jump jam, lip sync and similar dance sessions building up to the course performance. You will work in a group to plan and perform a group performance at the end of the unit.
What are you going to learn?	You will learn about different types of practice you can use to learn or improve a skill, goal setting and effective group functioning.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Course Title: Team building & Modified games	
Learning Area: Physical Education	Code: PETB
What are you going to do?	Through both practical and classroom lessons you will be looking at the evolution of games. Explore games from the original format and see how they have branched out and developed into a variety of games in their own right. You will then have the opportunity to create your own games and teach your classmates.
What are you going to learn?	Develop interpersonal skills and learn how to motivate and create a team environment utilising leadership skills.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Course Title: American Sports	
Learning Area: Physical Education	Code: PEAS
What are you going to do?	Through both practical and classroom lessons you will participate in a number of American Sports such as Lacrosse, Basketball and Baseball. You will be involved in a Sports Education Model where you will be assigned a role within the team and run tournaments as a group.
What are you going to learn?	You will learn the different rules and skills of sports as well as developing interpersonal skills through working with your peers to enable a successful outcome for your team.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Term 4

Course Title: World Games	
Learning Area: Physical Education	Code: PEWG
What are you going to do?	You will participate in a number of games from around the world such as handball, tchoukball, ki o rahi and lacrosse exploring the factors which influence the popularity of sports around the globe.
What are you going to learn?	You will learn about the significance of sport in different societies identifying how culture and identity as well as other societal influence shape the sporting world.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Course Title: Striking Games	
Learning Area: Physical Education	Code: PESG
What are you going to do?	You will take part in sports such as, Baseball, Lacrosse, Hockey, Cricket, Golf, etc.
What are you going to learn?	How the application of Levers and Newton's Laws are important in the ultimate success of striking sports.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Course Title: Invasion games	
Learning Area: Physical Education	Code: PEIG
What are you going to do?	You will participate in a number of invasion games which involve developing game sense and strategy for both defensive and offensive positions.
What are you going to learn?	You will learn tactics in a variety of sports such as spatial awareness, switching quickly between defence and attack, communication and reading the opposition.
What Careers could this lead to?	Forces, Outdoor Rec Guide, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Psychologist, Personal Trainer and many more.
How does this connect to NCEA?	This course includes some of the foundation knowledge and concepts which feature in the NCEA level 1 Physical Education assessments.
What gear will I need?	Navy or black shorts/ track pants and school Physical Education t-shirt. Non-marking trainers for indoors.

Health

You must select ONE health a year - (Fundamental Course - changes each year)

Course Title: GPS - Navigating the Journey	
Learning Area: Health Education	Code: HEF
What are you going to do?	You are going to explore the changes and challenges an adolescent experiences including keeping yourself in social situations, puberty, sexual health and alcohol and drug awareness.
What are you going to learn?	Who am I? Ko wai au? Relationships: Ngā whanaungatanga Growing and changing: Te tipu me te huri o te tangata Staying safe: Te noho haumarū
What Careers could this lead to?	Psychologist, Midwife, Support Worker, Counsellor, Police Officer, Nursing, Teacher, Osteopath, Personal Trainer and many more.
How does this connect to NCEA?	Incorporates the underlying concepts which feature in the NCEA Level one Health Education assessments.
What gear will I need?	1B5 book.

Science

You must select a minimum of three Science over the year.

Term 1

Course Title: Electricity and Magnetism (TERM 1)	
Learning Area: SCIENCE	Code: SCEM
What are you going to do?	Study static and current electricity, magnetism and electromagnetism in a highly practical context.
What are you going to learn?	What is electricity and how is it generated? How does it behave in electrical circuits? Investigate physical situations involving static electric charge, direct current circuits, magnetic fields and magnetic induction. Use experiments to observe some of the laws of electricity and magnetism. Investigate the human body's own electrical circuits.
What Careers could this lead to?	Electrician, electrical engineer, medical technician, medicine.
How does this connect to NCEA?	11 Physical science
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: The Ocean: Biology edition (TERM 1)	
Learning Area: SCIENCE	Code: SCOB
What are you going to do?	Study marine biology and ecology in our own backyard, a destination for marine biologists from all over the world. Participate in a rocky shore zonation study.
What are you going to learn?	The connection between the ocean and all life on Earth. The diversity of life and interactions between animals and plants, especially in the intertidal zone (the rocky shore). What are the living and non-living factors that affect marine life? The course may also examine human impacts on the marine environment including fisheries and marine conservation.
What Careers could this lead to?	Marine biology, biologist, fisher, tourism operator, etc
How does this connect to NCEA?	Level 1-3 Biology.
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: Reaction Chemistry (TERM 1)	
Learning Area: SCIENCE	Code: SCRC
What are you going to do?	Examine the interaction of matter and energy that forms the basis of all objective phenomena in the universe! Make things fizz, heat up, cool down and change colour. Understand and investigate chemical reactions, chemical reactivity, and rates of reaction. Tons of practical work.
What are you going to learn?	The nature of atoms, elements and molecules. The reason chemical reactions occur and the factors that affect them. Different types of chemical reactions and how to recognise them.
What Careers could this lead to?	Chemical engineer, medicine, forensic scientist, etc...
How does this connect to NCEA?	Year 11 Physical science, Year 11 Biology, Level 2 and 3 Chemistry
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: Horticulture (TERM 1)	
Learning Area: Horticulture	Code: HORT
What are you going to do?	Learn basic gardening and horticultural skills while helping to establish a vegetable garden, and MORE!
What are you going to learn?	Exact course content to be determined by teacher and students.
What Careers could this lead to?	Farming. Horticulture.
How does this connect to NCEA?	Level 1 - 3 Ag/Hort
What gear will I need?	Science exercise book, pen, pencil, eraser. Gum boots / Farm footwear.

Term 2

Course Title: Brainiac (TERM 2)	
Learning Area: SCIENCE	Code: SCBR
What are you going to do?	Explore the science of Psychology, looking at animals and humans and their interactions with each other. Also study the advances in medical technology and what can be done to help your body when things go wrong.
What are you going to learn?	Learn about the science of the brain and behaviour. How does the brain work? What is memory? Why do our abilities change as we age? Why do we behave in certain ways? Investigate the human body and how medical technology has advanced over time and helped people to live better and longer lives.
What Careers could this lead to?	Psychology, working with people, medicine, medical technology, design
How does this connect to NCEA?	This knowledge gained through this course could be helpful in 11BioScience or 11PhysicalScience
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: Kaikōura: Earth and Sky (TERM 2)	
Learning Area: SCIENCE	Code: SCKK
What are you going to do?	Explore the knowledge people hold about the land we live upon the sky that shelters us.
What are you going to learn?	How did the mountains around us and the plains beneath us form? How unique is our night sky? How do the phases of the Moon affect life on land?
What Careers could this lead to?	Geologist, astronomer, tourism operator, etc
How does this connect to NCEA?	Level 1 General Science and Level 2 and 3 Earth and Space Science.
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: Flora and Fauna (TERM 2)	
Learning Area: SCIENCE	Code: SCFF
What are you going to do?	Discover how important animals and plants are in our world and how they communicate or respond to various situations or environmental conditions.
What are you going to learn?	Learn about how and why animals behave the way they do. From solitary to social animals, students will investigate aspects such as reproductive behaviours, parental care, migration, hierarchies, and learned vs innate behaviours. Structure and function of plants will be investigated along with how they respond to certain events.
What Careers could this lead to?	Zoology, Botany, Ecology, Environmental Science, Conservation, Medicine, Vet Science, Agriculture, Horticulture
How does this connect to NCEA?	NCEA Level 1 Science, Level 1-3 Biology
What gear will I need?	1 x 2B4 or 2 X 1B4

Course Title: Fisheries (TERM 2)	
Learning Area: Fisheries (Primary Industries)	Code: FISH
What are you going to do?	Look at recreational and commercial fishing in Kaikōura and beyond.
What are you going to learn?	Exact course content to be determined by teacher and students.
What Careers could this lead to?	Fishing, Fisheries compliance
How does this connect to NCEA?	Level 1-3 Ag/Hort (Primary Production)
What gear will I need?	Science exercise book, pen, pencil, eraser. Snorkel?

Term 3

Course Title: How did I get here? (TERM 3)	
Learning Area: SCIENCE	Code: SCHD
What are you going to do?	Explore where modern humans originate from and look at the incredible journey of human evolution through research, practical work and simulations of activities in prehistory.
What are you going to learn?	Learn the basics of evolution and speciation, the factors that can cause evolution to occur and how a new species can come about. Using human evolution as a context with a focus on biological and aspects of cultural evolution.
What Careers could this lead to?	Anthropology, archaeology, evolutionary biology
How does this connect to NCEA?	Level 1 and 2 Biology (Genetics), and Level 3 Biology (Human Evolution and Speciation)
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: The Ocean: Chemistry edition (TERM 3)	
Learning Area: SCIENCE	Code: SCOC
What are you going to do?	Explore the origins of water on Earth and investigate the unique chemical properties of water. Investigate ocean acidification and its implications.
What are you going to learn?	Learn about the building blocks of the ocean: atoms, elements, molecules, compounds and mixtures. The reasons why water is unique and the key to life. Investigate the specific heat capacity of water. Acids and bases, pH and how to measure it, what ocean acidification means, why it is happening, and how we can stop it.
What Careers could this lead to?	Marine chemist, chemist, conservationist, ecologist, fisher, etc
How does this connect to NCEA?	Level 1 Physical Science, Level 1 Biological Science, Level 2 and 3 Chemistry, Level 2 and 3 Earth and Space Science
What gear will I need?	1 x 2B4 or 2 x 1B4 books

Course Title: Physics in Technology (TERM 3)	
Learning Area: SCIENCE	Code: SCPT
What are you going to do?	Look into how machines have developed from simple ramps, levers, pulleys and gears into engines, internal combustion, jet/rocket packs and electric motors. Using practical investigation and research, discover what makes objects fly, float or hover.
What are you going to learn?	Learn about simple machines and how they have developed into some key inventions that have revolutionised how we live today. Be able to explain how things fly, float in water or hover through research and practical investigation.
What Careers could this lead to?	Physicist, Engineering, Product Designer, Inventor
How does this connect to NCEA?	NCEA Physics Level 1-3
What gear will I need?	1 x 2B4 or 2 X 1B4 books

Course Title: Dairy farming (TERM 3)	
Learning Area: Agriculture (Primary Industries)	Code: AHDF
What are you going to do?	Learn, experience and investigate life on a dairy farm. This course is timed to coincide with calving.
What are you going to learn?	Exact course content to be determined by teacher and students.
What Careers could this lead to?	Dairy farming. Veterinary. Stock and Station Agency. Resource Management.
How does this connect to NCEA?	Level 1-3 Ag/Hort
What gear will I need?	Science exercise book, pen, pencil, eraser. Gumboots / Farm footwear.

Term 4

Course Title: Carbon Carbon Everywhere! (TERM 4)	
Learning Area: SCIENCE	Code: SCCC
What are you going to do?	Discover how carbon is all around us. From the atmosphere to our bodies to products we use in the home. Investigate how carbon contributes to our everyday lives and how without it, humans would not exist.
What are you going to learn?	Students will learn about the structure, properties, chemistry of carbon, plus its uses, and its effects on the world around us. Students will also investigate properties of carbon by looking at and making various products that are made up of carbon based molecules and how they assist/hinder us in everyday life.
What Careers could this lead to?	Climatologist, Chemist, Environmental Scientist, Forestry, Product Design, Cosmetics
How does this connect to NCEA?	NCEA Science Level 1, Chemistry Level 1-3, Earth/Space Science Level 2-3
What gear will I need?	1 x 2B4 or 2 X 1B4 books

Course Title: The Ocean: Physics edition (TERM 4)	
Learning Area: SCIENCE	Code: SCOP
What are you going to do?	Investigate the physical phenomena moving huge volumes of ocean water all around the world and up over our surf breaks onto our beaches.
What are you going to learn?	Learn about heat energy, the ultimate driver of ocean currents and onshore/offshore winds. What are waves, what is the perfect wave and what conditions create it?
What Careers could this lead to?	Surfer. fisher, oceanographer, physicist.
How does this connect to NCEA?	NCEA Science Level 1, Physics Level 1-3, Earth/Space Science Level 2-3
What gear will I need?	1 x 2B4 or 2 X 1B4 books

Course Title: Whodunit? (TERM 4)	
Learning Area: SCIENCE	Code: SCWD
What are you going to do?	Introduce students to the Science of forensics and criminology by looking at how Scientists can solve a crime with DNA, various forms of other evidence and methods of determining the real criminal using various scenarios, practicals and research.
What are you going to learn?	Students will learn about DNA, cells, how to get evidence from a crime scene, psychology of criminal behaviour, practical investigation skills and methods of determining the identity of the guilty criminal.
What Careers could this lead to?	Criminology, Forensic Science, Psychologist, Police, DNA Analyst
How does this connect to NCEA?	NCEA Biology/Chemistry Level 1-3
What gear will I need?	1 x 2B4 or 2 X 1B4 books

Course Title: Sheep and Beef Farming (TERM 4)	
Learning Area: Agriculture (Primary Industries)	Code: AHSB
What are you going to do?	Learn, experience and investigate life on a dry stock farm. This course is timed to coincide with lambs going off to the works.
What are you going to learn?	Exact course content to be determined by teacher and students.
What Careers could this lead to?	Farming. Veterinary. Stock and Station Agency. Resource Management.
How does this connect to NCEA?	Level 1-3 Ag/Hort
What gear will I need?	Science exercise book, pen, pencil, eraser. Gumboots / Farm footwear.

Social Studies

You must select a minimum of three Social Studies courses a year.

Term 1

Course Title: Who do you think you are? - NZ and Pacific Island culture.	
Learning Area: Social Sciences	Code: SSWD
What are you going to do?	A look at New Zealand as a place. Why are we who we are? What influence have the Pacific Islands on our culture and how to the Pacific People protect their own culture as they move to New Zealand.
What are you going to learn?	Big questions with a current theme about New Zealand and the Pacific Islands. How have we formed a culture of our own and how has it changed over time? Where to from here?
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a Geographical focus.
What gear will I need?	Students will require an exercise book, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title: Your Choice - Government	
Learning Area: Social Sciences	Code: SSG
What are you going to do?	Everyone seems to complain about the Government – whatever they do! But do you know what they do and how they do it. This course gives you the chance to find how they are elected and how they compare to other places
What are you going to learn?	The processes and methods of leadership, being able to compare different types of Government to understand the circumstances in different countries.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a historical and civics focus.
What gear will I need?	Students will require an exercise book, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title: Skills for Social Studies	
Learning Area: Social Sciences	Code: SSS
What are you going to do?	This unit of work will cover a selection of the skills you might use in Social Studies. There will be mapping, graphing as well as working with a variety of sources of information. This course will set you up for the future and would be useful for year 9.
What are you going to learn?	An introductory course to support learning for the future. This course will focus on the 'basics' to help you in your other social social studies classes with maps, sources and questioning skills.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	It will use a range of examples from all the Social Science subjects.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Term 2

Course Title: New Zealand at War	
Learning Area: Social Sciences	Code:SSW
What are you going to do?	New Zealand has been involved in conflicts since the first people arrived. This topic looks at the people, places and events which had such and impact on our place in the world today.
What are you going to learn?	The causes and effects of significant events for New Zealanders, the places and people who are involved and how conflict shapes society for better and worse.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a historical focus.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title: That is so Cheap! - Globalisation	
Learning Area: Social Sciences	Code: SSGL
What are you going to do?	Where does your stuff really come from? Have you wondered what it really costs and who really pays? Here students can look at the patterns of world trade and the implications for both us and the rest of the world.
What are you going to learn?	The impacts of globalisation on both us and other countries. How economic decisions are made and the impacts of these decisions on people, communities and countries.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a geographical focus.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title : GIS – Mapping the world	
Learning Area: Social Sciences	Code: SSGIS
What are you going to do?	Geographic information systems are a fast growing area of Geographical business. This unit of work looks at how geographers are using digital maps and data to make choices which affect our everyday lives. Students will be asked to problem solve using the skills they learn.
What are you going to learn?	The practical application of GIS - how to create, manipulate and present data using maps. You will learn to 'drive' the ArcGIS software.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	As the title suggests there is a geographical focus for this work.
What gear will I need?	This course runs using the school chromebooks - you will need an exercise book and stationery at times.

Term 3

Course Title: Introduction to History, Geography and Tourism	
Learning Area: Social Sciences	Code: SSIHG
What are you going to do?	NCEA next year? Choosing subjects hard? This is an opportunity to test drive the senior Social Science subjects to see if they suit you. All students will look at all subjects with a range of tasks to provide an eye opening experience. This unit covers all the senior social science options and is useful for year 10s.
What are you going to learn?	A range of topics and skills to gain understanding of what each subject will entail.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit introduces the senior options and allows students to understand where each subject may take them.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title : The Holocaust	
Learning Area: Social Sciences	Code: SSH
What are you going to do?	The Holocaust, also known as the Shoah, is one of histories darkest moments which still effects the world to this day. Students will investigate the long history of anti-semitism, the rise of Hitler and Nazi Germany and the ‘final solution’.
What are you going to learn?	The causes and effects of this dark period of history and how learning from the past will mean that we understand the present.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a history focus.
What gear will I need?	Students will require an exercise book, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title: Kaikoura – Are you local?	
Learning Area: Social Sciences	Code: SSKL
What are you going to do?	This course will look at our local area and the history and geography of the rohe. There will be a chance to investigate stories and oral traditions as well as mapping the places of significance.
What are you going to learn?	Knowledge about the local area as well as skills of presenting and recalling the history around Kaikoura.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	A mix of skills are used here both geographical and historical.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Term 4

Course Title: Antarctica – Protect or plunder?	
Learning Area: Social Sciences	Code: SSA
What are you going to do?	Antarctica is a beautiful place, but also holds access to many resources which can earn money for individuals and countries. Who should make the decisions over these resources and what do they need to know before the decisions are made. This course has links to science and English but is completely self contained.
What are you going to learn?	The significance of Antarctica to the global community and how we can both use and abuse this special place without careful management.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit covers both the geography and history of Antarctica.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title: Leave things better than you found them. Sustainability	
Learning Area: Social Sciences	Code: SSLT
What are you going to do?	Everyone knows we should reduce, reuse and recycle to protect the planet. But what does this really mean? This unit of work looks at how we can continue to develop and access the resources we require but still have a sustainable outlook for the future. A vital balancing act for individuals, communities and countries!
What are you going to learn?	The importance of resource management and how we can all make decisions that affect the health of the planet, for both now and the future.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a Geographical and environmental focus.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Course Title: Classic culture – Romans, Greeks and Egyptians	
Learning Area: Social Sciences	Code: SSCC
What are you going to do?	What have the Romans ever done for us? Actually heaps! As have the Greeks...Here you can investigate a range of topics associated with Classical culture to see how the past influences us today.
What are you going to learn?	How these ancient cultures have impacted upon us now and how we have used and built on their knowledge to get where we are today.
What Careers could this lead to?	The Social Sciences offer a huge range of job opportunities as you move up through NCEA. Social studies leads to Geography, History, Classical Studies and Tourism. These subjects have both an academic and vocational focus – so opportunities for all. They offer transferrable skills which can be used in a huge range of jobs. Basically, if you can think of it, there is something social sciences can offer towards your future.
How does this connect to NCEA?	This unit has a Classical studies focus.
What gear will I need?	Students will require an exercise book for the unit, stationery (ideally including coloured pencils and a glue stick) headphones which fit the chromebooks and a positive learning attitude!

Digital Technology

You must select ONE digital technology a year.

Term 1

Course Title: I Can Code and I can Create	
Learning Area: Digital Technology	Code: DTIC
What are you going to do?	This is a great entry level course for students that are interested in learning to code. For the first half of the term, You will learn to use Tynker and Scratch to learn different coding languages. For the second half of the term you will learn to use the 3D printer. In this half of the term you will have the opportunity to create an object using TynkerCad and print it using the 3D printer.
What are you going to learn?	To block code and use Python. How to design and print a 3D object.
What Careers could this lead to?	Computer Programmer, Web Developer, Software Developer
How does this connect to NCEA?	This can lead into Digital Technology Courses at NCEA Level.
What gear will I need?	

Term 2

Course Title: Practical Digital Technology	
Learning Area: Digital Technology	Code: DTPR
What are you going to do?	You will learn how to operate the 3D printer, Microbit, a Makey Makey board and lego mindstorms.
What are you going to learn?	You will learn how to convert your knowledge of Block coding software to operate something in a practical setting
What Careers could this lead to?	Mechanical, Electrical and Industrial Engineering, Robotics, Design.
How does this connect to NCEA?	This knowledge and understanding can lead into the Digital Technology courses at NCEA.
What gear will I need?	

Term 3

Course Title: Satisfy your Stakeholders	
Learning Area: Digital Technology	Code: DTSS
What are you going to do?	You will be asked to design a digital outcome (game or an electronic device) for a group of stakeholders.
What are you going to learn?	In the first half of the term you will learn how to write a proposal for a digital outcome. In the second half of the term you will create and test your game or product
What Careers could this lead to?	Graphic Design, Illustration, Advertising, Product Design, Game Developer, Robotic Engineering
How does this connect to NCEA?	This knowledge and understanding can lead into the Digital Technology courses at NCEA.
What gear will I need?	

Term 4

Course Title : Animate it	
Learning Area: Digital Technology	Code: DTAI
What are you going to do?	Use Pixilart to create an animated recount of a story from Kaikōura Museum
What are you going to learn?	How to use pixilart, how to create a story board
What Careers could this lead to?	Animator, Graphic Designer, Production Artist, Art Director
How does this connect to NCEA?	The ability to work to a brief and set of instructions is helpful at NCEA Level in many other subject areas. This knowledge and understanding can lead into the Digital Technology courses at NCEA.
What gear will I need?	

Business Studies

Course Title: Business Studies	
Learning Area: Technology	
What are you going to do?	Years 9-10 Business Studies is a course designed to teach the fundamentals and principles of running a business in NZ, whether it be large or small.
What are you going to learn?	Introductory spreadsheeting; business website design and construction; Budgeting, credit and debit balancing in personal banking; financial planning; home ownership; insurance investigations – home, personal, health, income related; stock exchange – uses and applications; creating and delivering a presentation to a business-quality standard for a theoretical future product; careers investigation and presentation into possible future employment options in an ever-changing world and marketplace.
What Careers could this lead to?	Business Studies can lead onto <ul style="list-style-type: none"> ● accountancy ● advertising ● banking, investment, and financial services ● general management ● HR/personnel ● management consultancy ● public relations ● retail management ● sales and marketing.
How does this connect to NCEA?	Business Studies is not offered at Years 12 and 13 but will still help Year 11 students achieve Level 1 credits through Achievement Standards in year 11
What gear will I need?	A ruler and a selection of pencils like Hb, 2h, 4h would be extremely useful for designing websites used in marketing businesses. Chrome books will be used for all projects like this, however
Term 1 - BI	Introductory spreadsheeting, business website design and construction for a product or idea ideally suited towards a small home-based business.
Term 2 - BBB	Budgeting, credit and debit balancing in personal banking; financial planning; home ownership; insurance investigations – home, personal, health, income related; stock exchange – uses and applications of the above using www.high.banqer.co
Term 3 - BP	Creating and delivering a presentation to a business-quality standard for a theoretical future product
Term 4 - BCE	Careers investigation and presentation into possible future employment options in an ever-changing world and marketplace.

Graphics

Course Title: Design and Visual Communication (Graphics)	
Learning Area: Design and Technology	Code: GR?
What are you going to do?	Graphics engages students in purposeful study of drawing and design, it also challenges them to develop and communicate design ideas. Learning in graphics focuses on the three interrelated strands of: *graphics practice *design and visual communication where visual literacy and creative thinking is developed *using visual communication techniques.
What are you going to learn?	Students will develop their creativity and learn about the practice of designing. Make Informed decisions on aesthetic and functional aspects of design and develop a range of drawing skills through an activity-based project driven approach. This takes place within a design practice where they create, develop and present their own ideas.
What Careers could this lead to?	Design and Visual Communication (Graphics) can lead into a career as an architect or draughtsman, signwriter, interior designer, project manager or simply compliment many other trades.
How does this connect to NCEA?	Design and Visual Communication (Graphics) is an available course with achievement standards at all 3 levels of NCEA.
What gear will I need?	A selection of pencils. Hb, 2h, 4h.
Term 1 - GR1	Students will be introduced to the subject with a freehand sketching and rendering unit that also covers the 2D and 3D sketching of geometrical shapes and solids. Students will then complete an Influential Designer Study and then design their own coffee table / chair with an influence from the designer they studied. They will then build a model of the coffee table / chair and present their work.
Term 2 - GR2	Students will be introduced to more comprehensive 3D drawing techniques using the drawing boards, squares and compasses. There will be a focus on title blocks, Isometric and Orthographic drawings using clean lines and measurement accuracy.
Term 3 - GR3	This term will focus on introducing students to design and modelling using online CAD programmes and the 3D printers. Students will design their very own shopping bag holder and test the design to breaking point. They will then have the opportunity to redesign their bag holders, retest them and present their results as a body of work.
Term 4 - GR4	Students will research a timeline of design era's and complete a designer study. They will then complete a spatial design of a beach house and present this design as a pictorial portfolio. They will then research the construction of their beach house and build a model. This body of work will then be presented at the end of the term.

Hard Materials

Course Title Year 9/10 Hard Materials	
Learning Area: Design and Technology	Code: HM?
What are you going to do?	This is a comprehensive <i>practical course</i> that will allow individual work to be produced following the technological process, using a range of hard materials. These materials may include but are not limited to wood, metal and plastics. There is emphasis on high quality hand skills and finish to the products created.
What are you going to learn?	Students will learn how to implement basic procedures and use basic techniques to make a hard materials product. They will engage in a variety of learning activities through researching materials and processes, following and developing plans and specifications, making calculations, working with tools, machinery and equipment, producing a prototype product, evaluating the outcome of the product, construction techniques and their own skills/ performance.
What Careers could this lead to?	There are a wide range of career pathways that this course can lead to, these include but are not limited to all of the trades * builder, electrician, plumber, drain layer, roofer, furniture/cabinet maker, engineer, automotive engineer/mechanic, architect.
How does this connect to NCEA?	This will be directly connected to NCEA in year 11 and 12, if students continue with this subject, although some achievements standards are available most will be completed using unit standards
What gear will I need?	A good work ethic and willing to learn. A workshop fee is applicable for this subject.
Term 1 - HM1	Workshop Safety, students will complete a detailed comprehensive workshop safety booklet covering all hazards and hazard protection methods in the workshop. Students will then refine their material selection, measuring and marking out and cutting skills while making a bench hook and Triple cross puzzle. Students' design skills will then be utilised in the production of a Desk Organiser that will also include an introduction to wooden joints and finishing techniques. All work will be evaluated by the students after the completion of each project.
Term 2 - HM2	Workshop Safety, students will complete a detailed comprehensive workshop safety booklet covering all hazards and hazard protection methods in the workshop. The term will then begin with a materials study where the students will produce a poster of their research. Students will then work through the technological process in the design and production of the Display it, Hang it, Box it, Frame it project. This project could span over 2 or 3 terms depending on students availability. This will also be evaluated by the student upon completion.
Term 3 - HM3	Workshop Safety, students will complete a detailed comprehensive workshop safety booklet covering all hazards and hazard protection methods in the workshop. The term will then begin with a classroom based drawing unit. Sketching, Isometric and 3rd Angle Orthographic. Students will then work through the technological process in the design and production of the Display it, Hang it, Box it, Frame it project. This will also be evaluated by the student upon completion.
Term 4 - HM4	Workshop Safety, students will complete a detailed comprehensive workshop safety booklet covering all hazards and hazard protection methods in the workshop. The Year 9/10 Bridge challenge, this is where the students will design and build a model bridge and test their structure for strength. Students will then be grouped into teams and will design and build a Go Kart that will use a range of materials and then be raced in the end of year Go Kart Challenge.

Food Technology

Term 1

Cake Making & Decorating

Let's go bake a cake! And learn the art of decorating with different icing types, colours, and consistencies.

Term 2

Food Science

Learn about the Science behind foods, including the role that science plays in different methods of cooking foods.

Term 3

Recipe Writing

What makes a recipe? How do people write recipes or come up with recipes? Let's write, test and perfect our own recipes?

Term 4

Food Groups

What makes a healthy and balanced meal? What are food groups and their uses? Learn about moderation, calories and what makes a meal healthy, balanced, and delicious!

Numeracy/Literacy for NCEA

This course MUST be selected once in a year.

Course Title: Literacy for NCEA	
Learning Area: Literacy	Code: LIT
What are you going to do?	You will select a team to develop a plan to create a sporting event for Kaikoura.
What are you going to learn?	You will learn practical fundamental lifeskills around communication, and gain some of the required Level 1 literacy credits for your NCEA certificate.
What Careers could this lead to?	This is a fundamental course that is needed for all career options and means students will have their Level 1 NCEA literacy requirements.
How does this connect to NCEA?	Under the new NCEA system numeracy and literacy sit outside the main credits. This is the year level where these will now start to be gained.
What gear will I need?	1 x 1B8.

Course Title: Numeracy for NCEA	
Learning Area: Numeracy	Code: NUM
What are you going to do?	You will select your own flatmates and work together over the term to create a harmonious flat - budgeting, applying for jobs, creating menus and cooking meals, dealing with interpersonal issues that may arise.
What are you going to learn?	You will learn practical fundamental lifeskills around budgets, feeding yourself, and gain some of the required Level 1 numeracy credits for your NCEA certificate.
What Careers could this lead to?	This is a fundamental course that is needed for all career options and means students will have their Level 1 NCEA numeracy requirements.
How does this connect to NCEA?	Under the new CEA system numeracy and literacy sit outside the main credits. This is the year level where these will now start to be gained.
What gear will I need?	1 x 1B8.

