



Kerikeri High School
Years 11, 12 & 13

CURRICULUM GUIDE FOR 2021

OPTION EVENING
Thursday 6 August 2020
4pm – 7pm
Years 8, 9, 10, 11, 12
ALL WELCOME

Hone Heke Road
PO Box 92
Kerikeri
NEW ZEALAND
Telephone: (09) 407-8916
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KERIKERI HIGH SCHOOL CURRICULUM 2021 Full Guide Available at <http://kkhsnews.wordpress.com/>

Learning areas	YEARS 7 & 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13
ENGLISH & LANGUAGES	English Spanish Māori Studies	English Spanish Te Reo Māori	English Te Reo Māori Spanish	English Modular English Māori Performing Arts Spanish – Beginner Spanish – Advanced Te Reo Māori	English Modular English Māori Performing Arts Spanish Te Reo Māori	English Modular English Spanish Te Reo Māori
MATHEMATICS	Mathematics and Statistics	Mathematics and Statistics	Mathematics and Statistics	Mathematics and Statistics	Mathematics and Statistics Mathematics and Statistics - Bridging	Calculus Statistics
SCIENCE	Science	Science	Science	Science – General Science – Internally Assessed Science – Biological Science – Physical (Students may take just one of these or Biological & Physical Science together)	Biology Chemistry Physics Science	Biology Chemistry Physics
SOCIAL SCIENCE	Social Studies	Enterprise & Business History Social Studies	Business & Economics History Social Studies	Economics & Business Business Management Geography History Social Studies	Business Management Economics Geography History Social Studies	Business Management Economics Geography History Social Studies
HEALTH & PHYSICAL WELLBEING	Health Physical Education	Health Physical Education	Health Physical Education	Physical Education Physical Education – Advanced	Outdoor Education Physical Education Physical Education – Advanced	Outdoor and Environmental Education Physical Education Physical Education – Advanced
TECHNOLOGY	Life Technology Technology	Food Studies Design & Visual Communication Digital Technologies Technology	Food Studies Design & Visual Communication Digital Technologies Technology	Design & Visual Communication Digital Technologies Hospitality Technology – Engineering Technology – Practical (Design & Make) Technology – Systems & Control	Automotive Studies Design & Visual Communication Digital Technologies Hospitality Human Development Technology – Engineering Technology – Practical (Design & Make) Technology – Systems & Control	Automotive Studies Design & Visual Communication Digital Technologies Hospitality Human Development Technology - Systems & Control
ARTS	Art Music	Art Drama Music	Art Drama Music	Art (Visual Art) Art (Design and Image) Drama Music	Art (Design) Art (Painting) Art (Photography) Drama Performing Arts Technology Music	Art (Design) Art (Painting) Art (Photography) Drama Music Performing Arts Technology
STUDENT SUPPORT SERVICES					Pathways Tourism	Pathways Tourism

Compulsory subjects are in bold

Year 11: Students must take an **English** and a **Mathematics** and at least one **Science** subject in Year 11

Year 12: Students must study **Level 1 English** or **Level 2 English**

UNIVERSITY ENTRANCE

Students will need to complete all the following to be awarded University Entrance:

- ✓ Pass NCEA Level 3
- ✓ Achieve 14 credits at Level 3 in Achievement Standards in each of three subjects from the list of approved subjects
- ✓ Achieve UE numeracy – 10 credits at Level 1 or above, either from specific Achievements Standards, or from 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

The following courses offered at Kerikeri High School have at least 14 University Entrance Approved credits:

Art (Design)	Geography
Art (Painting)	History
Art (Photography)	Human Development
Biology	Music
Business Management	Physical Education
Calculus	Physical Education - Advanced
Chemistry	Physics
Design and Visual Communication	Social Studies
Digital Technologies	Spanish
Drama	Statistics
Economics	Technology – Systems & Control
English	Te Reo Māori

Students with an intention of going to University should seek advice as to the composition of their course.

- University Entrance is the minimum requirement for entry to university courses, and does not guarantee acceptance.
- There are additional requirements for enrolment to some institutions and courses. Students should check specific requirements and seek advice.

- For example, the University of Auckland will require that applicants must have gained a minimum of 17 credits in English at Level 2 or 3.
- In addition, some universities are setting a Ranked Entry Score in order to gain entrance into some or all courses. From a student's best 80 credits over a maximum of 5 approved subjects, and a maximum of 24 credits in one subject, the student will be awarded:

Excellence = 4 points	e.g. a student who receives Merit on a 5 credit Achievement Standard receives 15 points (5 credits x 3 points).
Merit = 3 points	
Achieved = 2 points	

e.g. To study Commerce at the University of Otago you need a minimum of 150 points.

e.g. To study Biomedical Science at the University of Auckland you need a minimum of 280 points.

NOTE: Some universities require you to study certain Level 3 subjects to get into their courses.

This could be one from each of these columns or a combination of any 3 listed below.

A (high writing subject)	B (analytical subject)
English	Biology
Geography	Calculus
History	Chemistry
Te Reo Māori	Digital Technologies
	Economics
	Physics
	Statistics

OUR ADVICE – KEEP A WIDE RANGE OF SUBJECTS IF UNIVERSITY IS AN OPTION – HAVE AT LEAST 4 APPROVED SUBJECTS.

COURSE CHOICES

For the year we offer a course structure similar to the successful format used over recent years. These courses may comprise a mix of Achievement and Unit Standards.

To ensure you select your courses correctly, you will have to study this booklet very carefully. Before you fill in your first course selection you will have the opportunity to

- discuss your choice with your parents
- attend an Options Evening and information meeting at school

Following this, a Course Counselling Team can meet with students and their parents, if they wish, to discuss this initial choice.

A WORD OF CAUTION

Your ideal course may not be possible for one of the following reasons-

- Insufficient numbers opting for a subject
- Timetabling constraints
- Staffing availability
- You have not achieved the prerequisites

Checklist:

- Have you carefully read the course prerequisites?
- Have you selected the right number of subjects?
- Have you checked what you need for the next level?
- Do you understand the difference between Unit Standards and Achievement Standards?

Online Student Option Choices

Students are being asked to submit their option choices for 2021 online.

We believe the best choices for each individual will be made through a process involving family, Form Teacher and Dean. With this in mind, our process in 2020 has been streamlined to enable families to gather all the information needed to support a student in making the right choices.

Our Curriculum Guides contain course descriptions and information on any prerequisites needed for courses. Three Parent Evenings early in Term Three will provide opportunities to talk to subject teachers and our Options Evening allows an informal evening where you and your child can chat to our Careers Advisors and Leaders of Learning about subject choices and future pathways.

Once the student portal opens on Monday 10 August, students can enter their option choices from the range of available subjects. Entries can be changed up to ten times before the portal closes for course planning. After this date any changes will need to be made in a meeting with the Year Level Dean.

For our students without email we will be organising meetings with the Year Level Dean who will enter student option choices online with them.

Term Three Options Process

Week 1	Parent Evening:	Wednesday 22 July 2020
Week 2	Course Guides out:	Tuesday 28 July 2020
Week 2	Parent Evening:	Tuesday 28 July 2020
Week 3	Options Evening:	Thursday 6 August 2020
Week 4	Parent Evening:	Thursday 13 August 2020
Weeks 4-5	Student Portal Opens:	Monday 10 August 2020
Week 6	Student Portal Closes:	6pm Tuesday 25 August 2020

How does it work?

You will receive an email to the address you selected for correspondence early in Term Three. The email will outline how to enter each student's subject preferences online and will look like the example below.

1 Internet Access	You will need a computer with an internet connection.
2 Log In	Log In to www.selectmysubjects.com.au using: Click here to open Web Preferences Student Access Code: This will be on the email sent to you in Password: Term Three
3 Home Page	To view your subject information click " View Subject Details " at the top right of the screen. To select/change your preferences, click " Add New Preferences " at the top right of the screen.
4 Preference Selection	Select your subjects from the drop down lists, you have 30 minutes to do so. Once complete, click " Proceed ". Note: You are not finished yet.
5 Preference Validation	If you are happy with your preferences click " Submit Valid Preferences " which will open your "Preference Receipt". Or if you would like to make changes to your preferences click " Cancel " and this will take you back to the Preference Selection page.
6 Preference Receipt	You can print your "Preference Receipt" by clicking " Open Print View " and clicking " Print Receipt ". To continue click " Return to Home Page ". If you want to change your preferences, repeat the process by clicking " Add New Preferences ", otherwise exit by clicking " Log Out ". End of steps.

Kerikeri High School



YEAR 11

CURRICULUM GUIDE FOR 2021

YEAR 11 CURRICULUM GUIDE

THIS BOOKLET TELLS YOU

- What the subject is about
- Any special requirements you need to fulfil to study the subject
- Where the subject can take you

HOW DO YOU DECIDE WHAT SUBJECT TO CHOOSE?

Consider

- How well you have done in a subject so far
- What subjects you have done already
- Your own preference
- Careers interests – keeping in mind that you need to keep your careers options open

Some subjects may have a cost due to a take home component of that curriculum.

WHO CAN HELP YOU DECIDE?

You will make your initial choice in consultation with your parents. Following this you, and your parents if they wish, will have the opportunity to discuss your choice with a member of a Course Counselling Team.

Other people who may help you decide are subject teachers, Heads of Department, Counsellor, the Careers Advisor, the Deputy Principals and your Dean.

HOW MANY SUBJECTS DO I TAKE?

All Year 11 students must take English, Mathematics, at least one of the Sciences and three other subjects. There are three Science courses available: General, Physical and Biological. You may take just one of these courses, or Physical and Biological together. You may not take General Science and Physical or Biological Science. Students may also be directed to Science Internally Assessed, which suits students who perform best by being assessed at the end of a unit of work rather than at the end of the year.

YEAR 11

*In Year 11 all students study **6** subjects*

Most subjects offer up to 21 credits towards NCEA. The number of credits offered is shown in the Assessment Criteria in the Curriculum Guide.

Each student is to take a course in **English, Mathematics and Science** most suited to their ability. Each student will then choose any 3 other subjects provided that they do not choose both Physical Education Advanced and Physical Education.

In order to receive NCEA at Level 1 students need 80 credits at Level 1. This must include the following -

- * 10 literacy credits
- * 10 numeracy credits

In most subjects some Achievement Standards are internally assessed. This means that assessment is done by the teachers at school during the school year.

Externally assessed Achievement Standards will usually be assessed by an exam at the end of the year except in practical subjects such as Art, Design & Visual Communication, and Technology where work done in class is submitted for external marking.

Certificate Endorsement

NCEA certificates can be endorsed with ***Merit*** or ***Excellence***.

Merit Endorsement - 50 credits at Merit or better at the level of the certificate

Excellence Endorsement - 50 credits at Excellence at the level of the certificate

Course Endorsement

Courses may be endorsed with Merit or Excellence. This provides recognition for students who perform exceptionally well in individual courses.

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

1. 14 or more credits at ***Merit*** or ***Excellence*** at the lower level that supports the endorsement
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards (except for Physical Education and Level 3 Visual Arts)
3. sufficient credits in a single year

LEVEL 1 SUBJECTS OFFERED IN YEAR 11

- ART - Art (Visual Art)
- ADI - Art (Design and Image)
- MAN - Business Management
- DVC - Design and Visual Communication
- DTC - Digital Technologies
- DRM - Drama
- ECO - Economics and Business
- ENG - English
- MOE - Modular English
- GEO - Geography
- HIS - History
- HOS - Hospitality
- MPA - Māori Performing Arts
- MAT - Mathematics & Statistics
- MUS - Music
- PED - Physical Education
- PEA - Physical Education – Advanced
- SCI - Science – General
- SIA - Science – General – Internally Assessed
- BSC - Science – Biological
- PSC - Science – Physical
- SOC - Social Studies
- SPB - Spanish – Beginner
- SPA - Spanish – Advanced
- TSC - Technology – Systems & Control
- TEM - Technology – Engineering
- TEP - Technology – Practical Technology (Design & Make)
- MAO - Te Reo Māori

ART – VISUAL ART (ART) - Level 1

SUBJECT STATEMENT

Year 11 Visual Art is a practical course, which gives students the opportunity to express creativity and imagination whilst developing technical skills in traditional art-making processes such as drawing, painting, printmaking and sculpture. Students work with a variety of different media, developing skills in a range of Art materials. They will refine their perceptual skills, develop their creativity and advance their technical and critical faculties through creating in-depth and interesting works.

COURSE CONTENT

- Researching and investigating ideas from established practice
- Building visual literacy skills
- Developing drawing skills using both wet and dry media
- Creating artwork using a range of media
- Generating a body of work that develops thematic ideas
- Producing artwork suitable for Exhibition

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 12 credits

For the external assessment, candidates present a two-panel folio that contains both developmental and finished artwork produced in class over an extended period.

SPECIAL REQUIREMENTS

- Please note Year 11 students can only study one of either Visual Art or Art Design & Image.

WHERE DOES IT LEAD?

- NCEA Level 2 and 3 Visual Arts (Design, Photography, Painting)
- Beyond secondary school, the study of Visual Arts leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise, Mr Forstner or any member of the Art Department

ART – DESIGN AND IMAGE (ADI) – Level 1

SUBJECT STATEMENT

Design & Image is a practical course that encourages students to explore digital art-making processes. Students will have the opportunity to work with Photography, Design, Animation and Moving Image during the course of the year. They will use a variety of different tools, media and software, refining skills whilst completing a range of creative projects.

COURSE CONTENT

- Investigating ideas and techniques from established practice
- Developing camera skills and digital literacy
- Building visual literacy skills
- Producing artwork using a range of digital media
- Using Photography, Video, Animation and Design in the production of artwork
- Generating a body of work that develops thematic ideas

SPECIAL REQUIREMENTS

- Please note Year 11 students can only study one of either Visual Art or Design & Image.
- Students will have access to cameras and Adobe software at school; however, access to a camera and computer outside of school is always beneficial.
- A copy of Adobe Creative Cloud will be available for students studying this course.

ASSESSMENT CRITERIA

- 1 Internal Achievement Standard 6 credits
- 1 External Achievement Standard 12 credits

For the external assessment, candidates present a 2-minute moving-image based video of related works, which contains both developmental and finished artwork produced in class over an extended period.

WHERE DOES IT LEAD?

- NCEA Level 2 and 3 Visual Arts (Design, Photography, Painting)
- Beyond secondary school, the study of Design & Visual Arts leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise or any member of the Art Department

BUSINESS MANAGEMENT (MAN) - Level 1

SUBJECT STATEMENT

The study of Business is about how individuals and groups of people organise, plan and act to develop goods and services to satisfy customers.

COURSE CONTENT

This course introduces basic Business and Accounting Theory and practice for small organisations. The process of learning will involve a wide range of activities that will help students to:

- Understand the integral role of business in society and the economy.
- Understand how small business owners make operational decisions that have consequences for the success of their business.
- Examine how businesses make decisions relating to Marketing or Human Resources.
- Understand operational issues small businesses face eg recruitment of employees, cash flow, workplace incidents, production issues.
- Demonstrate Enterprise qualities such as initiative, resilience and resourcefulness.
- Develop skills of problem-solving, co-operation, decision-making, negotiation and communication.

Students will have the opportunity to be involved in a small business of their own choosing (Market Day).

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 13 credits

SPECIAL REQUIREMENTS

- Some start-up capital may be required

WHERE DOES IT LEAD?

- NCEA Business Management Level 2
- Provides a useful general knowledge of financial and commercial concepts and terms
- Develops practical skills of making personal and commercial financial decisions
- Introduces students to financial strategies and goals of the business world
- Leads to further secondary and tertiary study in commerce, management, enterprise, information systems and finance

FURTHER INFORMATION FROM

Mrs Dickson

DESIGN AND VISUAL COMMUNICATION

(DVC) - Level 1

SUBJECT STATEMENT

Design and Visual Communication (DVC) is the study of product and spatial design. This encompasses anything that may be designed and created for a purpose. We use drawing techniques, rendering, computer design and model making, in order to complete the design process.

COURSE CONTENT

Level 1 students focus on an in-depth product/architecture design, using research from some of the world's most influential designers. Presentation and computer work are integrated into the course.

There will be a focus on the following skills:

- Freehand isometric, oblique and perspective drawing
- Exploded drawings and sections
- Design process and presentation of a design brief
- Technical drawing
- Research and implementation
- Promotion of a design to an audience
- Language associated with design
- Computer aided design (CAD)

ASSESSMENT CRITERIA

Work will be assessed on a regular basis throughout the year. Final submissions of Achievement Standards are at the beginning of Term Four.

- 3 External Achievement Standards 9 credits
- 4 Internal Achievement Standards 16 credits

WHERE DOES IT LEAD?

- Leads on to NCEA DVC Level 2 and 3
- Possible career avenues in:

Engineering	Advertising	Product Design	Illustration
Surveying	Fashion Design	Sign Writing	Drafting
Graphic Design	Landscaping	Architecture	Building

FURTHER INFORMATION FROM

Miss Crawford/ Mr Jarman

DIGITAL TECHNOLOGIES (DTC) - Level 1

SUBJECT STATEMENT

Computer Science and Digital Technologies underpin almost all innovation today. This ability to innovate is important for students' future success and the ability to make a difference in a global society.

COURSE CONTENT

Internal:

- 1.1 Develop a proposal for a digital outcome
- 1.2 Develop a design for a digital outcome
- 1.6 Develop a computer system
- 1.7 Develop a computer programme

External:

- 1.11 Develop an understanding of compression coding

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. Students will need to leverage their pre-existing design, problem solving and logical reasoning abilities. Students will have the opportunity to develop these further while gaining up to 17 Level 1 credits.

ASSESSMENT CRITERIA

- 5 Achievement Standards – 17 credits

WHERE DOES IT LEAD?

- This course is a prerequisite for students wishing to continue into Level 2 Digital Technology.

FURTHER INFORMATION FROM

Mr Ward

DRAMA (DRM) – Level 1

SUBJECT STATEMENT

Drama is not just about acting. This course covers transferable skills that will be useful throughout life; communication, presentation/public speaking, collaborative and leadership skills, problem solving, time management, initiative and the ability to work to a deadline. We aim to build confidence while having fun. We have authentic learning – with REAL audiences. Work to a deadline. We have authentic learning – with REAL audiences. We aim to build confidence while having fun.

COURSE CONTENT

This course:

- Builds students understanding of the drama techniques of voice, body, movement and use of space
- Teaches students about the theatre forms
- Gives students the opportunity to perform in a class production to a public audience
- Guides students to create and devise their own short plays
- Gives students the opportunity to create and perform Children's Theatre pieces for local Kindergartens

SPECIAL REQUIREMENTS

- After school, weekend or holiday rehearsals may be required for public performances

ASSESSMENT CRITERIA

- 1 External Achievement Standard 4 credits
- 4 Internal Achievement Standards 17 credits

WHERE DOES IT LEAD?

- Drama at NCEA Levels 2 and 3
- Performing Arts Technology at senior levels
- Journalism / Broadcasting
- Law / Politics
- Event Management
- Actor / Actress
- Public Relations
- Teaching / Lecturing / Early Childhood
- Lighting, sound, set design
- Tourism / Customer Liaison / Hospitality
- Assists in careers involving public speaking or presentation
- Any career that requires collaboration, problem solving, or creativity

FURTHER INFORMATION FROM

Mrs Crooks or Ms Bowers

ECONOMICS and BUSINESS (ECO)- Level 1

SUBJECT STATEMENT

Economics examines how people make choices about the use of limited resources to satisfy unlimited wants. It helps explain and predict how goods and services will be produced and consumed.

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

COURSE CONTENT

This course examines the decisions made both by businesses and households as they interact in a modern economy. Specifically it:

- Considers how the process of consumer decision making results in market demand.
- Relates producer decisions concerning the use of resources to market supply.
- Provides an understanding of the interaction between household, business, financial and overseas sectors.
- Provides students with the opportunity to investigate economic decision-making from the perspective of consumers, producers and the government.
- Examines how businesses use cost-benefit analysis in decision-making.

Students in this course DO NOT take part in Market Day.

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 3 External Achievement Standards 12 credits
- 2 Internal Achievement Standards 8 credits

WHERE DOES IT LEAD?

The study of Economics and Business:

- Provides useful analytical skills and general knowledge of contemporary social and economic issues.
- Leads to further secondary and tertiary study in Commerce, Management, Enterprise, Law, Journalism, Finance, Political Science and Global Studies.
- Will prepare students with an initial understanding of some of the skills needed in business and management.
- Economics – NCEA Level 2.

FURTHER INFORMATION FROM

Mrs Dickson

ENGLISH (ENG) – Level 1

SUBJECT STATEMENT

This course offers the study of literature, language and history, whilst developing creative and formal writing skills. There is some flexibility in the course to develop valuable skills for a number of career choices.

COURSE CONTENT

This course builds on creative and analytical skills, whilst also studying texts as a product of their social and historical context. The course offers:

- formal and/or creative writing
- speech
- extended text study
- film study and close viewing of a film
- analysis of language features and unfamiliar texts
- making connections between texts

SPECIAL REQUIREMENTS

- A reasonable level of literacy and achievement at Year 10 English

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
 - 3 Internal Achievement Standards 9 credits
- Total: 21 credits

WHERE DOES IT LEAD?

- English is a versatile subject that is relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- An English degree can lead to: communications, public relations, event management, journalism, or, with extra training, a more specialised degree like law, medicine or teaching.

FURTHER INFORMATION FROM

Ms Robinson

MODULAR ENGLISH (MOE) – Level 1

(This is mainly an Internally Assessed Course)

SUBJECT STATEMENT

This course is for students who need extra support with literacy. The course offers the study of literature, language and history, whilst developing creative and formal writing skills. There is some flexibility in the course to develop valuable skills for a number of career choices.

COURSE CONTENT

This course offers:

- creative writing
- designing a static image
- close study of a film text
- oral presentation
- making connections between texts
- analysis of language features and unfamiliar texts

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 16 credits
 - 1 External Achievement Standard 4 credits
- Total: 20 credits

WHERE DOES IT LEAD?

- English is a versatile subject that is relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.

FURTHER INFORMATION FROM

Ms Robinson

GEOGRAPHY (GEO) – Level 1

SUBJECT STATEMENT

Geography is the study of the earth and its features – both natural and cultural and the interactions between them. It gives students a holistic understanding of the world and includes skills and knowledge from both the Science and Social Science fields. Geography enables us to look at the world from a wide variety of different perspectives and teaches skills for developing a socially and environmentally sustainable future.

COURSE CONTENT

This course can include the following topics:

- Extreme natural events, their causes effects and possible responses and solutions e.g. Indian Ocean Tsunami, Christchurch earthquake
- Developing and applying Geographic skills (map work, visuals, spatial data, using data)
- Contemporary New Zealand geographic issues e.g. Mining in Puhipuhi
- Global geographic topics e.g. Global Pattern of Earthquakes, Population
- Sustainable resource use and resource management e.g. Tourism in the Maldives
- Geographic research e.g. Patterns of Weather
- Geographic Information Systems – manipulating and analysing geographic data

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

- | | |
|----------------------------|--------------------------------|
| • Environmental Management | • Tourism |
| • Planning | • Geology |
| • Law | • Civil Defence |
| • Civil Engineering | • Demography and policy making |
| • Journalism | • Surveying |
| • Teaching | • Urban Planning |
| • Outdoor recreation | • Event Management |

FURTHER INFORMATION FROM

Miss Boisen

HISTORY (HIS) – Level 1

SUBJECT STATEMENT

The study of History is a window into the past that provides understanding of the present day. However, the best thing about History is that it teaches students so much about the world they live in today. They will expand their general knowledge, learn to think critically about information and be encouraged to ask questions about the past, present and future. There are no wrong answers in History – only ideas, backed up by evidence.

COURSE CONTENT

This course covers:

- Black Civil Rights in the USA 1954 – 1970
- The dropping of the Atomic Bomb in 1945 on Hiroshima and Nagasaki
- The First World War and its impact on New Zealand with specific focus on the Battles of Passchendaele and Gallipoli
- How to read and interpret source material
- How to think critically about information

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 12 credits

WHERE DOES IT LEAD?

- The subject is taught at all levels from Years 9 - 13.
- The study of History teaches students a whole raft of transferable skills. Students of History learn good habits of thought. Students learn to analyse ideas and data, and develop original interpretations of such materials. They are also taught to express themselves well, both verbally and in writing, essential skills for becoming a teacher, doctor, lawyer, businessperson, consultant, or nurse.
- Historians can also expect to find employment in many fields including business, industry, trade, tourism and commerce; in Government departments - foreign affairs, trade and industry, treasury, justice, banking and law; in publishing, journalism, radio and television, social work etc.

FURTHER INFORMATION FROM

Mrs Jarman

HOSPITALITY (HOS) – Level 1

SUBJECT STATEMENT

Hospitality provides students with the opportunity to gain knowledge and experience in the study of food, including the safe handling of foods, specific cooking techniques and how to apply this knowledge when planning and preparing food. Hospitality study has a professional focus as opposed to Food Studies which is home focussed.

Please note – there is a reasonable amount of theory content included in this programme – it does not consist solely of practical cooking lessons.

COURSE CONTENT

This course includes specific studies in:

- Food hygiene and safety during food preparation and cooking
- Knife skills
- Techniques and skills related to specific foods
- Preparation and Presentation of Dishes and Meals for teenagers within a Hospitality industry context
- Roles, jobs and career opportunities within the wider Hospitality industry

ASSESSMENT CRITERIA

Standards will be selected from the following:

- 6 Internal Unit Standards (Level 1) 17 credits
- 1 Internal Unit Standard (Level 2) 4 credits

WHERE DOES IT LEAD?

- Provides valuable theoretical and practical knowledge leading to further studies in Year 12, 13 and at tertiary level.
- Can lead to careers in the Hospitality industry (chef training, hotel management, apprenticeships), and nutrition (dietician).

FURTHER INFORMATION FROM

Mr McRae

MĀORI PERFORMING ARTS (MPA)

– Level 1

SUBJECT STATEMENT

A whānau based environment for all students to learn about our culture and history through both traditional and contemporary haka, waiata, weaponry and traditional Whakaraka (Kēmu Māori).
Nau mai, haere mai!

COURSE CONTENT

- Performance Components
- People associated with MPA
- Origins of MPA disciplines
- Knowledge of MPA costume ensemble
- Ngā momo rākau whawhai (Mau Rākau)

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 17 credits

WHERE DOES IT LEAD?

- Māori Performing Arts – Level 2 and Level 3
- Bachelor's Degree in Māori Performing Arts
- Kaihaka for a senior group
- Advocate for Te Ao Māori/Kaupapa Māori
- Kaiako
- Media Industry
- Toi Whakaari/Toi Houkura – Māori Performing Arts School/ Māori Arts School
- Tourism Industry
- Give back to whanau/hapū/iwi

FURTHER INFORMATION FROM

Whaea Kara

MATHEMATICS and STATISTICS (MAT)

– Level 1

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course completes a student's basic education in mathematics with the skills and knowledge needed to support other areas of learning and everyday life at home, at work and in the community. It also provides an opportunity to experience the aspects of mathematics that are required for continued study in the subject at higher levels. This course includes the study of:

- Algebra: is extended to include solving problems involving quadratic and simultaneous equations
- Statistics and Probability
- Geometry and Trigonometry
- Number Skills
- Graphs, Tables, Charts

ASSESSMENT CRITERIA (a selection from)

- | | |
|--|------------------|
| • 3 <u>External</u> Achievement Standards | up to 12 credits |
| • 1 <u>External</u> Common Assessment Task (CAT) | 4 credits |
| • 3 <u>Internal</u> Achievement Standards | 10 credits |

WHERE DOES IT LEAD?

Students who successfully complete this course have the ability and inclination to use mathematics effectively in the course of their daily life, at home, at work and in the community.

Students could consider:

- Level 2 Mathematics courses (Achievement in key standards is required for this)
- Level 2 Science courses
- Trade apprenticeships
- Careers in Technology and the Sciences

FURTHER INFORMATION FROM

Mrs Smith

MUSIC (MUS) – Level 1

SUBJECT STATEMENT

In Music, emotion, intellect, and imagination are articulated through sound. Music allows us to express feelings and ideas about ourselves and our place in the world, using symbolic notation, live performances, compositions and analysis of existing pieces.

COURSE CONTENT

- Perform music as a **featured soloist**.
- Perform music as a **member of a group**
- **Compose** music
- **Aurally** identify, describe and **transcribe music** elements from simple music
- **Score reading** and theory
- **Analyse music works** from a range of styles and eras

SPECIAL REQUIREMENTS

- It is recommended that students have instrumental or vocal tuition either privately or in school (fees of \$25 per term through school)
- Own or hire an instrument
- You should have a willingness to participate in music groups and public performance, both in school and outside
- Attend concerts by visiting musicians either in or outside school
- Performance assessment may occur in evening concerts
- Students should be able to read music notation and understand theory concepts as well as have reasonable experience with their chosen instrument

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- Up to 4 Internal Achievement Standards 22 credits – individual flexibility possible

WHERE DOES IT LEAD?

Tertiary Qualifications

- NZQA National Certificate in Music
- Polytechnic Diploma and Degree Courses in Rock or Jazz Music at Christchurch, Hamilton and Wellington
- University Degree in Music at Auckland, Christchurch, Wellington and Waikato

Music Careers for example

- Performer, conductor, accompanist
- Technical aspect of music – composer, recording, sound technician
- Teaching – at various levels, music therapist
- Composer

FURTHER INFORMATION FROM

Mrs McGlinchey

PHYSICAL EDUCATION (PED) – Level 1

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

This course:

- 20-30% of this course is theory
- Requires students to actively participate in a wide range of individual and team activities
- Requires some physical competence and a high skill level. A student's positive attitude and consistent willingness to be involved are much more important.
- Gives students the opportunity to perform socially and competitively.
- Is mainly of a practical nature but some writing will be necessary. It is intended to keep this to an absolute minimum.

This is an alternative to the Level 1 Physical Education Advanced course. You cannot do this option AND the Level 1 Physical Education Advanced course.

SPECIAL REQUIREMENTS

- A change of clothes is compulsory in order to participate
- There is NO Physical Education uniform requirement

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 17 credits

WHERE DOES IT LEAD?

- Develops practical and interpersonal skills that contribute to a satisfying and enjoyable lifestyle
- Leads to further practical courses in Physical Education at Levels 2 and 3
- Is a good base for tertiary study in Sport, Recreation, Leisure and Physical Education

FURTHER INFORMATION FROM

Mrs Gordon or Mr Connon

PHYSICAL EDUCATION – ADVANCED (PEA)

- Level 1

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

30-40% of this course is theory based. The theory relates to practical lessons.

In this course students will:

- Actively participate in a range of physical activities which will be assessed
- Be introduced to anatomy, biomechanics and exercise physiology
- Demonstrate interpersonal skills, self-management strategies

You cannot do this option AND the Level 1 Physical Education course.

SPECIAL REQUIREMENTS

- Students will be required to change clothes for all practical classes
- Most practical lessons are assessed
- There are no Physical Education uniform requirements

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

WHERE DOES IT LEAD?

- Level 2 Physical Education Advanced
- Level 3 Physical Education Advanced
- Sports and Leisure courses
- Physical Education teaching
- Physiotherapy

FURTHER INFORMATION FROM

Mrs Gordon or Mr Connon

SCIENCE (SCI) – GENERAL – Level 1

SUBJECT STATEMENT

General Science uses observation and experimentation to describe and explain the world around us. It includes biology: the study of living things, chemistry: the study of materials, and physics: the study of matter and energy.

COURSE CONTENT

- Chemistry – atomic structure, acid reactions, rates of reactions
- Physics – motion, forces, energy
- Biology – genetics and variation, human biology

SPECIAL REQUIREMENTS

- Students may **not** choose Physical Science or Biological Science as well as General Science

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 2 Internal Achievement Standards 8 credits

WHERE DOES IT LEAD?

- Separate sciences – Level 2 Physics, Chemistry, Biology, Science
- Students wanting to keep their options open for Level 2 while taking only once Science course in Year 11 should take this course
- All science careers including medicine, pharmacy, veterinary, physiotherapy, nursing, engineering, technicians, diagnostic, forensics, surveying and architecture

FURTHER INFORMATION FROM

Your Year 10 Science Teacher

SCIENCE – GENERAL (SIA) – Level 1 **(Internally Assessed Course)**

SUBJECT STATEMENT

General Science uses observation and experimentation to describe and explain the world around us. It includes biology: the study of living things, chemistry: the study of materials, and physics: the study of matter and energy.

COURSE CONTENT

- Similar course to externally assessed General Science but all internally assessed so learning and achievement is more supported.

ASSESSMENT CRITERIA

- Internal Achievement Standards to be selected later in 2020. (Two will be the same as those done in the Year 11 General Science course)
- Approximately 22 credits

WHERE DOES IT LEAD?

- Students who complete this course are able to use basic Science concepts in their daily lives.
- This course does not lead to Level 2 specialist Science courses (i.e. Physics, Chemistry and Biology). However, students may progress to these through taking one of the other Level 1 Science courses in Year 12 or the Year 12 Science course.
- To Year 11 Level 1 Science courses
- To Year 12 Level 2 Science course

FURTHER INFORMATION FROM

Your Year 10 Science Teacher

SCIENCE – BIOLOGICAL (BSC) – Level 1

SUBJECT STATEMENT

Biology is the study of living things. In Biology, students study life processes, the structure and function of organisms, how different species are adapted to survive in their environment, how organisms interact with each other, how an organism's genome influences its survival and how species can change over time. Learning in Biology includes practical investigations as well as more formalised learning of theory.

COURSE CONTENT

This course serves as an alternative to General Science Level 1 and may be taken alone or with Level 1 Physical Science as a strong foundation for students who are intending to study sciences at Level 2 and beyond.

This course covers:

- The life cycle of flowering plants
- Genetic variation
- Issues in Biology
- Mammals as consumers

SPECIAL REQUIREMENTS

- Students may not choose this subject as well as General Science, but can take Biological Science with Physical Science

ASSESSMENT CRITERIA

- 3 External Achievement Standards 11 credits
- 3 Internal Achievement Standards 11 credits

WHERE DOES IT LEAD?

- Biology Level 2 and Level 3
- All Science careers, if taken in conjunction with Physical Science Level 1
- Provides a background for tertiary courses in science, technology, medical & veterinary practices, forestry, biotechnology, food technology, conservation, genetics, physiology and forensics

FURTHER INFORMATION FROM

Miss Jackson

SCIENCE – PHYSICAL (PSC) – Level 1

SUBJECT STATEMENT

Physical Science includes the study of Physics, which studies matter and energy and the interactions between the two, and Chemistry, which is the study of materials, their properties and how they interact with each other.

COURSE CONTENT

This course serves as an alternative to General Science Level 1 and may be taken alone or with Level 1 Biological Science as a strong foundation for students who are intending to study sciences at Level 2 and beyond.

This course covers:

- Forces, motion and energy
- Electricity and magnetism
- Atomic structure
- Reaction rates
- Acids and bases
- Organic chemistry

SPECIAL REQUIREMENTS

- Students may not choose this subject as well as General Science, but can take Physical Science with Biological Science

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 Credits
- 3 Internal Achievement Standards 12 Credits

WHERE DOES IT LEAD?

- Level 2 Physics and/or Chemistry courses
- Engineering
- Medicine
- Architecture
- Technology
- Research
- THIS COURSE DOES NOT ALLOW ENTRY TO LEVEL 2 BIOLOGY

FURTHER INFORMATION FROM

Mrs Robertson or your Year 10 Science Teacher

SOCIAL STUDIES (SOC) - Level 1

SUBJECT STATEMENT

Social Studies is about how societies work and how people can participate in their communities as informed, critical, active, and responsible citizens.

Students examine the causes and effects of social issues that relate to identity, culture, and organisation, and learn to take actions that may bring about social improvement.

They investigate how individuals, communities, and societies respond to change and how ideas about society develop over time.

COURSE CONTENT

This course is open to a wide range of current contemporary content. The key themes are Social Action and Cultural Change.

Topics for 2021 will be:

- Modern day slavery – examining a social action carried out by Kru Nam in Thailand
- Own topic for research and social action (this will be linked to a current issue)
- External Achievement Standard – topic will be confirmed at the end of 2020

SPECIAL REQUIREMENTS

- Two internal assessments are project and inquiry based and will rely heavily on independence and time management

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 3 Internal Achievement Standards | 12 credits |
| • 1 External Achievement Standard | 4 credits |

WHERE DOES IT LEAD?

Law	Sociology
Journalism	Civil Defence
Teaching	Navy
Tourism	Army

FURTHER INFORMATION FROM

Mrs Davis

SPANISH BEGINNER (SPB) – Level 1

SUBJECT STATEMENT

This course concentrates on developing proficiency through reading and storytelling. This course incorporates the receptive skills of listening to, reading and viewing as well as the productive skills of speaking, writing and performing. This course is designed for students who have no previous study of Spanish.

COURSE CONTENT

- Students will follow the SOMOS curriculum which continues with the ideas of storytelling whilst allowing for more creative input from students.
- Culture is fully embedded into the curriculum in a form that students can comprehend. A movie study will be included for language and cultural content.
- Students will also have access to a variety of comprehensible input-based websites that include stories, songs and activities to further reinforce their learning.
- Students will have the opportunity to interact through ImmerseMe to practise real-life communication with Spanish speakers.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 9 credits (option for additional 5 credits)
- 2 External Achievement Standards 10 credits

WHERE DOES IT LEAD?

- Leads on to Spanish at all levels – NCEA Level 2 Spanish, NCEA Level 3 Spanish
- Spanish Language Immersion Trip in Year 12 or 13
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

SPANISH ADVANCED (SPA) – Level 1

SUBJECT STATEMENT

This course concentrates on developing proficiency through reading and storytelling. This course incorporates the receptive skills of listening to, reading and viewing as well as the productive skills of speaking, writing and performing.

COURSE CONTENT

- Students will continue with the SOMOS curriculum where culture is fully embedded into the curriculum in a form that students can comprehend. Movie talk and movie studies throughout the course will further reinforce language and culture.
- Students will also have access to a variety of comprehensible input-based websites accessible from school and home that include stories, songs and activities to further reinforce their learning.
- Students will have the opportunity to interact with students from Lobos, Argentina via Zoom twice monthly giving presentations on New Zealand in Spanish and listening to presentations in English about Argentina, as well as carrying out conversations with these students. This course will allow students to reflect on and make many comparisons between Spanish speaking cultures and their own.

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>Internal</u> Achievement Standards | 14 credits |
| • 2 <u>External</u> Achievement Standards | 10 credits |

WHERE DOES IT LEAD?

- Leads on to Spanish at all levels – NCEA Level 2 Spanish, NCEA Level 3 Spanish
- Spanish Immersion Language Trip in Year 11 - 13
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

TECHNOLOGY – SYSTEMS & CONTROL

(TSC) - Level 1

SUBJECT STATEMENT

This course is for students who want to work in electrical trades or go onto study in fields such as electronics, computer hardware or mechatronics at university. It will involve a mix of practical work and folder work to meet the Achievement Standards offered. This course will use a mini computer called the BBC micro: bit, electronic components, 3D printing and 3D design software.

The assessments will be based around the development and construction of an autonomous robot/buggy. Students can expand on this to create a mini Battle Bot through the use of programming and remote control. The course will not require students to have a background in any particular area such as programming or understand complex electronic circuits. Instead, it will depend upon the ability to bring together existing system blocks and computer code produced by themselves or others to make use of modern technology. However, students with a particular flair for technical issues, an interest in science and maths or computer code will have the freedom to pursue their own interests.

COURSE CONTENT

This course:

- Develops basic soldering and circuit building skills
- Introduces students to the use of the BBC micro: bit and other smart technology that can be used in project work
- Encourages students to develop the skills needed to research into and apply modern technology
- Teaches students to combine system blocks
- Develops the ability to produce 3D designs using Inventor Pro
- Teaches students how to use 3D printers to design parts and cases for project work

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All Health and Safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 16 credits
- 1 External Achievement Standard 4 credits

WHERE DOES IT LEAD?

- Level 2 Systems and Control
- Level 2 Engineering
- Level 2 Automotive
- Level 2 Practical Technology – Design and Make
- Employment in related fields or apprenticeships

FURTHER INFORMATION FROM

Mr Clark

TECHNOLOGY - ENGINEERING (TEM) - Level 1

SUBJECT STATEMENT

This course is for students who want to work in trades linked to Engineering. It is based on Tools4work/ Competenz Unit Standards, which lead into industrial apprenticeships. It focuses on the cutting, shaping, manipulation and joining of metals during practical tasks. Students study the correct selection of materials based on their physical, chemical or mechanical properties and the use of machine tools to shape them. Engineering is a wide-ranging field that encompasses everything from basic fabrication, fitting, welding and machining through to high tech research and development. The credits on offer are based around making an engineer's vice and an illuminated sign designed by the student.

Further information on career pathways can be found at - www.competenz.org.nz

COURSE CONTENT

This course:

- Develops skills in the use of workshop machines
- Provides training in the use of a range of processes to join materials
- Develops skills in the use of marking out equipment required to work with accuracy
- Introduces the use of dimensional measuring equipment
- Introduces the use of computers as a way to produce 3D models and engineering drawings
- Teaches how to design, develop and plan the production of a product to meet an engineering brief
- Use of computer controlled machines

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 3 Unit Standards 24 credits

WHERE DOES IT LEAD?

- Level 2 Engineering
- Level 2 Automotive
- Level 2 Practical Technology – Design and Make
- Employment in related fields or apprenticeships

FURTHER INFORMATION FROM

Mr Clark

TE REO MĀORI (MAO) – Level 1

SUBJECT STATEMENT

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under the Treaty of Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

COURSE CONTENT

- Kōrero kia whakamahi i te reo o tōna ao (speaking)
- Pānui kia mōhio ki te reo o tōna ao (reading)
- Tuhi i te reo o tōna ao (writing)
- Waihanga tuhinga i te reo o tōna ao
- Whakarongo kia mōhio ki te reo o tōna ao (listening)

SPECIAL REQUIREMENTS

- Completed either Year 9 or Year 10 Te Reo Māori or in consultation with Head of Department

ASSESSMENT CRITERIA

- 2 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 18 credits

WHERE DOES IT LEAD?

- NCEA Level 2 Te Reo Māori, NCEA Level 3 Te Reo Māori, tertiary programmes in Te Reo Māori
- University Māori Language papers
- Cultural Advisor (Government Department)
- Languages
- Teaching
- Performing Arts
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/Television Journalist
- Police Officer
- Radio broadcaster/Television presenter
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

FURTHER INFORMATION FROM

Whaea Kara

Kerikeri High School



YEAR 12

CURRICULUM GUIDE FOR 2021

YEAR 12 CURRICULUM GUIDE

THIS BOOKLET TELLS YOU

- What the subject is about
- Any special requirements you need to fulfil to study the subject
- Where the subject can take you

HOW DO YOU DECIDE WHAT SUBJECT TO CHOOSE?

Consider

- **How well you have done in a subject so far**
- What subjects you have done already
- Your own preference
- Careers interests – keeping in mind that you need to keep your careers options open
- Have you checked the requirements for **University Entrance** at the start of this guide?

Some subjects may have a cost due to a take home component of that curriculum.

WHO CAN HELP YOU DECIDE?

You will make your initial choice in consultation with your parents. Following this you, and your parents if they wish, will have the opportunity to discuss your choice with a member of a Course Counselling Team.

Other people who may help you decide are subject teachers, Heads of Department, Counsellor, the Careers Advisor, the Deputy Principals and your Dean.

YEAR 12

In Year 12 all students study 6 subjects

Most subjects offer up to 21 credits towards NCEA. The number of credits offered is shown in the Assessment Criteria on each page in the Curriculum Guide.

In order to receive NCEA at Level 2, students need a total of 80 credits, 60 of these at Level 2. Level 1 literacy and numeracy requirements must also have been met.

Certificate Endorsement

NCEA certificates can be endorsed with ***Merit*** or ***Excellence***.

Merit Endorsement - 50 credits at Merit or better at the level of the certificate

Excellence Endorsement - 50 credits at Excellence at the level of the certificate

Course Endorsement

Courses may be endorsed with Merit or Excellence. This provides recognition for students who perform exceptionally well in individual courses.

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

1. 14 or more credits at ***Merit*** or ***Excellence*** at the lower level that supports the endorsement
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards (except for Physical Education and Level 3 Visual Arts)
3. sufficient credits in a single year

University Entrance

Please note that to achieve **University Entrance** at the end of Year 13 students must have the following minimum requirements.

- **NCEA Level 3**
- **University Entrance Literacy:**
 - 5 credits at Level 2 or above in Reading (English or Māori) AND
 - 5 credits at Level 2 or above in Writing (English or Māori)
- **Numeracy:**
 - 10 credits in numeracy standards from across the curriculum at Level 1 or higher
- **Subject:**
 - 14 credits in achievement standards in each of **3** subjects from the approved list for University Entrance (see the list at the front of this guide)

LEVEL 2 SUBJECTS OFFERED IN YEAR 12

- ARD - Art (Design)
- ARA - Art (Painting)
- ARP - Art (Photography)
- AUT - Automotive Studies
- BIO - Biology
- MAN - Business Management
- CHE - Chemistry
- DVC - Design and Visual Communication
- DTC - Digital Technologies
- DRM - Drama
- ECO - Economics
- ENG - English
- MOE - Modular English
- GEO - Geography
- HIS - History
- HOS - Hospitality
- HUM - Human Development
- MPA - Māori Performing Arts
- MAT - Mathematics and Statistics
- MAB - Mathematics and Statistics - Bridging
- MUS - Music
- OED - Outdoor Education
- WAY - Pathways
- PAT - Performing Arts Technology
- PED - Physical Education
- PEA - Physical Education – Advanced
- PHY - Physics
- SCI - Science
- SOC - Social Studies
- SPA - Spanish
- TEM - Technology – Engineering
- TEP - Technology – Practical Technology (Design & Make)
- TSC - Technology – Systems & Control
- MAO - Te Reo Māori
- TOU - Tourism

ART - DESIGN (ARD) - Level 2

SUBJECT STATEMENT

Art Design enables students to approach creative problems in new and interesting ways. Students work in a variety of media, working with illustration, taking their own photographs, producing fonts, and learning to produce and publish work digitally using industry standard software such as the Adobe Creative Suite.

COURSE CONTENT

Students will develop skills in the following areas:

- Investigating ideas and techniques from established practice
- Developing an understanding of the design process
- Building digital literacy and advancing visual literacy skills
- Building knowledge of established design conventions
- Developing ideas in a related series
- Producing a body of work that develops thematic ideas

SPECIAL REQUIREMENTS

- A copy of Adobe Creative Cloud will be available for students studying this course, access to a computer outside of school is always beneficial.
- Any specialist printing required for external folio boards is an additional expense. The school can arrange this through an outside provider on a student's behalf at cost, however students may also choose to organise their own printing instead.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 12 credits

For the external assessment, candidates present a two-panel folio, or a 2-minute moving-image based video of related works, which contains both developmental and finished designs that are generated in response to self-directed briefs. Work for the external assessment is produced in class over an extended period.

WHERE DOES IT LEAD?

- NCEA Level 2 and 3 Visual Arts (Design, Photography, Painting)
- Beyond secondary school, the study of Design leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in Design may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise, Mrs Davis or any member of the Art Department

ART - PAINTING (ARA) - Level 2

SUBJECT STATEMENT

Art - Painting is a practical course, which gives students the opportunity to express creativity and imagination and develop technical skills. Students work with a variety of different media, refining skills in drawing and painting processes, creating in-depth and interesting works. Students work with perceptual skills, develop creative imagination and advance their technical and critical faculties.

COURSE CONTENT

Students will develop skills in the following areas:

- Investigating ideas and techniques from established practice
- Advancing visual literacy skills
- Building knowledge of established painting conventions
- Developing ideas in a related series
- Producing a body of work that develops thematic ideas

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 2 <u>Internal</u> Achievement Standards | 8 credits |
| • 1 <u>External</u> Achievement Standard | 12 credits |

For the external assessment, candidates present a two-panel folio that contains both developmental and finished artwork.

WHERE DOES IT LEAD?

- NCEA Level 2 and 3 Visual Arts (Design, Photography, Painting)
- Beyond secondary school, the study of Visual Arts leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise, Mr Forstner or any member of the Art Department

ART - PHOTOGRAPHY (ARP) - Level 2

SUBJECT STATEMENT

The Level 2 Photography course is an introduction to photographic practice using digital cameras and industry standard software such as Adobe Lightroom and Photoshop to produce their work. Photography is a practical course, which also includes aspects of history, theory, and investigation of established practice. Students will study the work of photographers past and present in order to develop an understanding of Art and image making.

COURSE CONTENT

Students will develop skills in the following areas:

- Investigating ideas and techniques from established practice
- Developing camera skills and digital literacy
- Learning image editing and manipulation techniques
- Advancing visual literacy skills
- Building knowledge of established photography conventions
- Developing ideas in a related series
- Producing a body of work that develops thematic ideas

SPECIAL REQUIREMENTS

- Students need to have some form of digital camera to complete this course
- A copy of Adobe Creative Cloud will be available for students studying this course, access to a computer outside of school hours is always beneficial.
- Any specialist photographic printing required for external folio boards is an additional expense. The school can arrange this through an outside provider on a student's behalf at cost, however students may also choose to organise their own photographic printing instead.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 12 credits

For the external assessment, candidates present a two-panel folio, or a 2-minute moving-image based video of related works, which contains both developmental and finished photographic images. The external assessment is produced in class over an extended period.

WHERE DOES IT LEAD?

- NCEA Level 2 and 3 Visual Arts (Design, Photography, Painting)
- Beyond secondary school, the study of Photography leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in Photography may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise, Mrs Clent or any member of the Art Department

AUTOMOTIVE STUDIES (AUT) – Level 2

SUBJECT STATEMENT

Automotive studies are an introduction to the National Certificate in Automotive Trades. It covers the basic principles of engines and related automotive components creating an understanding of how they work. It will develop practical skills and is the first step in a career path that follows through to NorthTec and apprenticeships.

COURSE CONTENT

This course:

- Explains basic engine functions and operations
- Enables students to identify and be able to describe functions of all components found in a car
- Teaches MIG welding skills and basic maintenance of a car
- Allows students to explore units of their choice, e.g. cleaning components, outboard engines, battery maintenance
- Allows students to develop practical skills and independence

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 7 Unit Standards 21 credits

Set and moderated by Northland Polytechnic.

WHERE DOES IT LEAD?

- The credits achieved are a start to a National Certificate in Automotive Trades.
- National certificates allowing employment in the following areas:
 - Collision repair, electrical engineering, auto engineering, heavy engineering, auto refinishing, coach building, industrial textile fabrication, motor trimming, motorcycle engineering.

FURTHER INFORMATION FROM

Mr McCabe

BIOLOGY (BIO) – Level 2

SUBJECT STATEMENT

Biology is the study of living things and how they interact with the environment. The Level 2 programme develops skills and awareness of this by exploring how organisms adapt to cope with the demands of the environment, and how some species can exist in extreme situations. Students will also explore the simplest unit of life – the cell, and various cell processes. We also look at how an organism's genome influences its survival and how species can change over time. Learning in Biology includes practical investigations and a field trip, as well as more formalised learning of theory.

COURSE CONTENT

This course covers:

- Ecology – the inter-relationships of different species and how they adjust to the Abiotic environment
- Adaptations necessary for life in an Extreme Environment
- Cell structure and function
- Genetic variation and change
- Gene expression

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 11 credits

WHERE DOES IT LEAD?

- Biology Level 3
- Provides a background for tertiary courses in science, technology, sports nutrition, medical & veterinary practices, forestry, biotechnology, food technology, conservation, genetics, physiology and forensics

FURTHER INFORMATION FROM

Mrs Harrisson

BUSINESS MANAGEMENT (MAN)

Level 2

SUBJECT STATEMENT

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

COURSE CONTENT

Students learning may include how to:

- develop and refine a business plan
- design, conduct and present market research for a product
- explain motivation theories and practice
- explain the roles and skills of managers and leaders
- use financial information for controlling, reporting, and decision making (break even analysis, costing methods, budgets, ratio analysis, annual accounts)
- explain the role global trends play in business success
- discuss corporate social responsibility, sustainability, and philanthropy
- explain sustainable (economic) business practices

Business Management students are enrolled and participate in the Young Enterprise Scheme. Young Enterprise (YES) is a high profile experiential business programme developed by Enterprise New Zealand Trust and run in secondary schools. (www.youngenterprise.org.nz)

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 8 credits
- 2 Internal Achievement Standards 12 credits

SPECIAL REQUIREMENTS

- Some start-up capital may be required

WHERE DOES IT LEAD?

- Business related study at University or running your own business when you leave school

FURTHER INFORMATION FROM

Mrs Dickson

CHEMISTRY (CHE) – Level 2

SUBJECT STATEMENT

Chemistry is the study of materials, their properties and how they interact with each other in fields such as organic chemistry, physical chemistry, inorganic chemistry and analysis.

COURSE CONTENT

- Qualitative analysis of solutions
- Quantitative analysis of solutions (titrations)
- Structure and properties of solid types and energy changes
- Organic reactions
- Redox reactions
- Acids/bases, equilibrium and rates

SPECIAL REQUIREMENTS

- Covered shoes required

ASSESSMENT CRITERIA

- 3 External Achievement Standards 13 credits
- 3 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

- Year 13 Chemistry
- Engineering
- Medical Sciences
- Food Technology
- Nursing
- Veterinary Science
- All life Science courses
- Technician
- Forensics

FURTHER INFORMATION FROM

Mrs Robertson or your Science Teacher

DESIGN AND VISUAL COMMUNICATION **(DVC) – Level 2**

SUBJECT STATEMENT

Design and Visual Communication (DVC) is the study of product and spatial design. This encompasses anything that may be designed and created for a purpose. We use drawing techniques, rendering, computer design and model making, in order to complete the design process.

COURSE CONTENT

- Level 2 students focus on Architectural design, which includes building aspects and interior design. Students may also choose to study a product design. Students are introduced to the history of design, as well as Archi-CAD, a computer drafting programme, and use these in the context of their work.

There will be a focus on the following skills:

- Design process and presentation of a design brief
- Research of a major design era
- Freehand sketching
- Technical drawing
- Promotion of a design
- Model-making as part of the design process

ASSESSMENT CRITERIA

- Work will be assessed on a regular basis throughout the year. Final submissions of Achievement Standards are at the beginning of Term Four.
- 3 External Achievement Standards 6 credits
- 4 Internal Achievement Standards 13 credits

WHERE DOES IT LEAD?

- Leads on to NCEA DVC Level 3
- Possible career avenues in :

Engineering	Advertising	Product design	Illustration
Surveying	Fashion Design	Sign Writing	Drafting
Graphic Design	Landscaping	Architecture	Building
- Leads to further secondary and tertiary study

FURTHER INFORMATION FROM

Miss Crawford

DIGITAL TECHNOLOGIES (DTC) - Level 2

SUBJECT STATEMENT

Computer Science and Digital Technologies underpin almost all innovation today. This ability to innovate is important for students' future success and the ability to make a difference in a global society.

COURSE CONTENT

Internal:

- 2.1 Conduct an inquiry to propose a digital technologies outcome
- 2.7 Develop a computer programme, using advanced programming techniques
- 2.8 Use advanced iterative processes to plan and develop a digital outcome

External:

- 2.9 Develop an understanding of a key aspect of a computer science concept

ASSESSMENT CRITERIA

- 3 Internal Achievements Standards 16 credits
- 1 External Achievement Standard 3 credits

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. Students will need to leverage their pre-existing design, problem solving and logical reasoning abilities. With this in mind, students will have the opportunity to develop these further while gaining up to 19 Level 2 credits.

WHERE DOES IT LEAD?

- This course is a prerequisite for students wishing to continue into Level 3 Digital Technology.

FURTHER INFORMATION FROM

Mr Ward

DRAMA (DRM) – Level 2

SUBJECT STATEMENT

Drama is not just about acting. This course covers transferable skills that will be useful throughout life; communication, presentation/public speaking, collaborative and leadership skills, problem solving, time management, initiative and the ability to work to a deadline. We aim to build confidence while having fun. We have authentic learning – with REAL audiences.

COURSE CONTENT

This course:

- Teaches students about theatre forms
- Allows students to devise and script their own play – based on issues and themes relevant to them
- Gives students the opportunity to perform in a class production to a public audience
- Continues to refine students' understanding of the drama techniques of voice, body, movement and use of space

SPECIAL REQUIREMENTS

- After school, weekend or holiday rehearsals may be required for public performances

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 1 <u>External</u> Achievement Standard | 4 credits |
| • 4 <u>Internal</u> Achievement Standards | 18 credits |

WHERE DOES IT LEAD?

- Drama at NCEA Level 3 and Scholarship
- Performing Arts Technology Level 3
- Journalism / Broadcasting
- Law / Politics
- Event Management
- Actor / Actress
- Public Relations
- Teaching / Lecturing / Early Childhood
- Lighting, sound, set design
- Tourism / Customer Liaison / Hospitality
- Assists in careers involving public speaking or presentation
- Any career that requires collaboration, problem solving, or creativity

FURTHER INFORMATION FROM

Ms Bowers or Mrs Crooks

ECONOMICS (ECO) – Level 2

SUBJECT STATEMENT

Economics examines how people make choices about the use of limited resources to satisfy unlimited wants. It helps explain and predict how goods and services will be produced and consumed.

Economics explores issues of sustainability (efficient use of scarce resources), enterprise (identifying profit-maximising levels of output), citizenship (economic decisions affecting New Zealand society), and globalisation (the benefits of international trade).

COURSE CONTENT

This course applies economic theory and models to understanding current economic issues.

It:

- Focuses on issues of employment, international trade and balance of payments, economic growth, inflation and equity
- Examines and analyses these issues from differing points of view
- Develops the skills of economic research, analysis and communication
- Provides an understanding of the processes and effects of a range of government policies

ASSESSMENT CRITERIA

- A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.
 - 2 External Achievement Standards 8 credits
 - 2 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

A basic study of Economics:

- Provides useful analytical skills and general knowledge of contemporary social and economic issues.
- Leads to further secondary and tertiary study in Commerce, Management, Enterprise, Law, Political Science, Global Studies, Journalism and Finance.

FURTHER INFORMATION FROM

Mrs Dickson

ENGLISH (ENG) – Level 2

SUBJECT STATEMENT

This course offers the study of literature, language and history, whilst developing creative and formal writing skills. There is some flexibility in the course to develop valuable skills for a number of career choices.

COURSE CONTENT

This course builds on creative and analytical skills, whilst also studying texts as a product of their social and historical context. It offers:

- formal and creative writing
- research investigation
- oral presentation
- extended text study
- film study
- personal responses to a variety of fiction and non-fiction texts
- analysis of language features and unfamiliar texts

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
 - 4 Internal Achievement Standards 14 credits (plus 3 optional speech credits)
- Total: 29 credits

WHERE DOES IT LEAD?

- English is a versatile subject that is relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- An English degree can lead to: communications, public relations, event management, journalism, or, with extra training, a more specialised degree like law, medicine or teaching.

FURTHER INFORMATION FROM

Ms Robinson

MODULAR ENGLISH (MOE) – Level 2 **(Internally Assessed Course)**

SUBJECT STATEMENT

This course is for students who need extra support with literacy; there is no external assessment. The course offers the study of literature, language and history, whilst developing creative and formal writing skills. There is some flexibility in the course to develop valuable skills for a number of career choices.

COURSE CONTENT

This course offers:

- formal and creative writing
- research investigation
- oral presentation
- close viewing of a film
- personal responses to a variety of fiction and non-fiction texts
- making connections between texts

ASSESSMENT CRITERIA

- 6 Internal Achievement Standards 24 credits

WHERE DOES IT LEAD?

- English is a versatile subject that is relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.

FURTHER INFORMATION FROM

Ms Robinson

GEOGRAPHY (GEO) – Level 2

SUBJECT STATEMENT

Geography is the study of the earth and its features – both natural and cultural and the interactions between them. It gives students a holistic understanding of the world and includes skills and knowledge from both the Science and Social Science fields. Geography enables us to look at the world from a wide variety of different perspectives and teaches skills for developing a socially and environmentally sustainable future.

COURSE CONTENT

This course can include the following topics:

- Large natural environments e.g. Tongariro Volcanic Centre
- Differences in development e.g. Singapore and Sierra Leone
- Developing and applying Geographic skills (map work, visuals, spatial data, using data)
- Global geographic topics e.g. Global Patterns of Malaria, Fold Mountains
- Contemporary geographic issues e.g. Marine Reserves in the Bay of Islands
- Geographic research e.g. Vegetation Stratification on Mt Ruapehu, Tourism development
- Geographic Information Systems – manipulating and analysing geographic data

SPECIAL REQUIREMENTS

- Optional Marine Reserve Trip – Poor Knights – approximately \$100

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 11 credits

WHERE DOES IT LEAD?

- | | |
|----------------------------|--------------------------------|
| • Environmental Management | • Outdoor recreation |
| • Planning | • Tourism |
| • Law | • Geology |
| • Civil Engineering | • Civil Defence |
| • Journalism | • Surveying |
| • Teaching | • Event management |
| • Urban planning | • Demography and policy making |

FURTHER INFORMATION FROM

Miss Boisen

HISTORY (HIS) – Level 2

SUBJECT STATEMENT

The study of History is a window into the past that provides understanding of the present day. However, the best thing about History is that it teaches students so much about the world they live in today. They will expand their general knowledge, learn to think critically about information and be encouraged to ask questions about the past, present and future. There are no wrong answers in History – only ideas, backed up by evidence.

COURSE CONTENT

This course covers:

- Research into a Historical Tragedy; students may choose from many topics including Stalingrad, the Siege of Leningrad, the Destruction of Pompeii, Parihaka, Chernobyl, Rwanda
- Causes and consequences of the rise of Hitler and the Nazis
- The Vietnam War
- How to read and interpret source material
- How to think critically about information
- How to structure and write about key historical ideas

ASSESSMENT CRITERIA

- 2 External Achievement Standards 9 credits
- 3 Internal Achievement Standards 14 credits

WHERE DOES IT LEAD?

- The subject is taught at all levels from Years 9 - 13.
- The study of History teaches students a whole raft of transferable skills. Students of History learn good habits of thought. Students learn to analyse ideas and data, and develop original interpretations of such materials. They are also taught to express themselves well, both verbally and in writing, essential skills for becoming a teacher, doctor, lawyer, businessperson, consultant, or nurse.
- Historians can also expect to find employment in many fields including business, industry, trade, tourism and commerce; in Government departments - foreign affairs, trade and industry, treasury, justice, banking and law; in publishing, journalism, radio and television, social work etc.

FURTHER INFORMATION FROM

Mrs Jarman

HOSPITALITY (HOS) – Level 2

SUBJECT STATEMENT

Hospitality provides students with the opportunity to gain knowledge, skills and experience in the preparation, cooking and serving of food and beverages to a Hospitality industry standard.

COURSE CONTENT

This course includes specific studies in:

- Term 1: Basic skills and preparation of food, including food safety methods
- Term 1: Handling and maintaining knives
- Terms 1 - 4: Techniques and skills for specific methods of cookery
- Terms 3 - 4 : Industry-level service skills (in both food and beverage service)
- Terms 2 - 4: Real-life assessment environments – our Training Restaurant

SPECIAL REQUIREMENTS

- Students are encouraged to enter senior Hospitality competitions, where possible
- Some practical assessments will be outside of normal school hours (specifically in our Training Restaurant over school lunch periods, dinner assessments etc)

ASSESSMENT CRITERIA

Standards will be selected from the following:

- 4 Unit Standards – Internal (Cookery Skills) 13 credits
- 3 Unit Standards – Internal (Food and Beverage Service) 6 credits

WHERE DOES IT LEAD?

- Provides valuable theoretical and practical knowledge leading to further studies in Year 13 Hospitality and at tertiary level
- Provides students with valuable practical skills that can be used to gain employment during tertiary study, gap years, travel etc.
- Can lead to careers in the Hospitality industry (chef training, hotel management, apprenticeships, event management, food and beverage service)

FURTHER INFORMATION FROM

Mr McRae

HUMAN DEVELOPMENT (HUM) - Level 2

SUBJECT STATEMENT

This course provides opportunities for students to gain knowledge and experience in:

- Human development from conception to adolescence.
- How individuals, their families and communities aid healthy development and the effect choices have on the lifestyles of people.

COURSE CONTENT

This course includes studies in:

- The physical, intellectual, social and emotional development of children
- The role of adults in meeting care needs and promoting good health
- Education for young children to develop their potential
- Hauora / Well-being and Health Promotion
- Nutrition and food choices and their effect on health

Note: Some practical food preparation will be included

ASSESSMENT CRITERIA

Assessment for this course will be based on a selection from the following:

- Achievement Standards from the Home Economics Matrix and Unit Standards from the Early Childhood Matrix under the auspices of the NZ Plunket Society:
- 1 External Achievement Standard 4 credits
- 2 or 3 Internal Achievement Standards 5 credits each
- 1 or 2 Unit Standards 3 credits each

WHERE DOES IT LEAD?

- Level Three Human Development
- Towards the National Certificate in Early Childhood Education
- Careers involving working with people e.g. Teaching, Nursing, Police, Psychology

GATEWAY

- This course provides opportunities for students to experience Gateway in an Early Childhood Education Centre

FURTHER INFORMATION FROM

Mr McRae and Mrs Smith

MĀORI PERFORMING ARTS (MPA)

– Level 2

SUBJECT STATEMENT

A whānau based environment for all students to learn about our culture and history through both traditional and contemporary haka, waiata, weaponry and traditional Whakaraka (Kēmu Māori).
Nau mai, haere mai!

COURSE CONTENT

- Mōteatea
- Waiata-ā-ringa
- Poi
- Haka

ASSESSMENT CRITERIA

- 4 Internal Achievement Standards 28 credits

WHERE DOES IT LEAD?

- Māori Performing Arts – Level 3 – Level 4
- Bachelor's Degree in Māori Performing Arts
- Kaihaka for a senior group
- Advocate for Te Ao Māori/Kaupapa Māori
- Kaiako
- Media Industry
- Toi Whakaari/Toi Houkura – Māori Performing Arts School/ Māori Arts School
- Tourism Industry
- Give back to whanau/hapū/iwi

FURTHER INFORMATION FROM

Whaea Kara

MATHEMATICS and STATISTICS (MAT) – Level 2

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live. Students planning on studying Level 3 Calculus must choose this option.

COURSE CONTENT

This course broadens and extends students' mathematical experiences, and provides a more formal foundation to support tertiary study in Mathematics and a wide range of other subjects. Much of the content at Level 2 is unfamiliar. This course includes the study of:

- Polynomial, circle, hyperbola, logarithm, trigonometry and exponential functions and graphs
- Non-right-angle Trigonometry
- Coordinate Geometry
- Probability
- Calculus
- Algebra
- Statistics

ASSESSMENT CRITERIA (a selection from)

- 3 External Achievement Standards up to 15 credits
- 5 Internal Achievement Standards up to 15 credits

WHERE DOES IT LEAD?

Students who successfully complete this course have an advanced range of mathematical skills and techniques they could use to solve problems in a wide range of contexts. Students could consider:

- Level 3 Calculus (Achievement in relevant Level 2 standards is required)
- Level 3 Statistics (Achievement in relevant Level 2 standards is required)
- Level 3 Science, Business and Technology courses
- Careers in Business, Technology and the Sciences

FURTHER INFORMATION FROM

Mrs Smith

MATHEMATICS and STATISTICS - BRIDGING (MAB) - Level 2

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course offers Level 2 Standards that are mostly internally assessed. It is for students who need time to develop their understanding and skills. This course includes the study of:

- Non-right-angled Trigonometry
- Graphs and their intersections
- Sequences and Series
- Networks
- Statistics
- Probability

ASSESSMENT CRITERIA (a selection from)

- 1 External Achievement Standard 4 credits
- 7 Internal Achievement Standards up to 18 credits

WHERE DOES IT LEAD?

Students who successfully complete this course have a range of mathematical skills and techniques they could use to solve problems in a wide range of contexts. Students could:

- Take Level 3 Statistics (Achievement in relevant Level 2 standards is required)
- Find it useful for some Level 3 Science, Business and Technology courses
- Find it useful for some careers in Business, Technology and the Sciences

This course does not lead to advanced mathematics courses.

FURTHER INFORMATION FROM

Mrs Smith

MUSIC (MUS) – Level 2

SUBJECT STATEMENT

In Music, emotion, intellect, and imagination are articulated through sound. Music allows us to express feelings and ideas about ourselves and our place in the world, using symbolic notation, live performances, compositions and analysis of existing pieces.

COURSE CONTENT (choose from)

- Present contrasting performances as a **featured soloist** on up to two instruments
- Present music performances as a **member of a group**
- **Compose** effective pieces of music
- Create an **Instrumentation**
- Identify, describe and **transcribe** elements of **music** through listening to a range of music
- **Score reading** and theory
- Demonstrate knowledge and understanding of **music works**
- Research an aspect of New Zealand Music

SPECIAL REQUIREMENTS

- Students are recommended to have instrumental or vocal tuition either privately or in school (Itinerant Music Tuition: \$25 per term if learning through school)
- Own or hire an instrument
- You should have a willingness to participate in music groups and public performance both in school and outside
- Attend concerts by visiting musicians either in or outside school
- Performance assessment may occur in evening concerts
- Students should be able to read music notation and understand theory concepts as well as being capable with their chosen instrument
- 4 years instrument lesson/experience advisable

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 6 Internal Achievement Standards 27 credits
- There is opportunity and expectation for individualised programmes of study depending on strengths and skill level

WHERE DOES IT LEAD?

Tertiary Qualifications

- NZQA National Certificate in Music
- Polytechnic Diploma and Degree Courses in Rock or Jazz Music at Christchurch, Hamilton and Wellington, University Degree in Music at Auckland, Christchurch, Wellington and Waikato

Music Careers for example

- Performer, conductor, accompanist, Technical aspect of music – composer, recording, sound technician. Teaching – at various levels, Music Therapist.

FURTHER INFORMATION FROM

Mrs McGlinchey

OUTDOOR EDUCATION (OED) – Level 2

SUBJECT STATEMENT

Outdoor Education facilitates positive relationships between students and the outdoor environment. Practical sessions engage students into examining opportunities to learn about the environment and foster an appreciation of it. Skill learning and management of risk endears the students, both as individuals and groups, to participate outside the classroom in a safe and challenging way.

COURSE CONTENT

This course contains:

A theory component, which will develop the students understanding of:

- Risk Management: assessing risk, putting preventative measures in place
- Navigation
- Planning a Trip
- First Aid
- Coastguard Boating Education course - Day Skippers

Practical activities putting the theory into practice:

- Sea kayaking
- Tramping
- Bush survival
- ABL- small group and whole class challenges
- Shelters - tents and bivouacs
- Outdoor cooking

SPECIAL REQUIREMENTS

- Attendance on trips and camps is mandatory to ensure the requirements of the Achievement and Unit standards are met
- A medical certificate is required if a student cannot participate in an activity
- It is the student's responsibility to catch up with work that is missed in other subjects
- Costs will vary depending on the selection of outdoor activities

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 9 credits
- 4 Unit Standards 16 credits

WHERE DOES IT LEAD?

- Develops personal skills and confidence in outdoor activities
- Level 3 Physical Education
- Outdoor Instructor courses

FURTHER INFORMATION FROM

Ms Gibbs

PATHWAYS (WAY) – Level 2

SUBJECT STATEMENT

Pathways is the combined content of core generic unit standards, vocationally based standards and industry assessed standards. Theory based material from a range of providers alongside the highly recommended work experience through the Gateway work experience programme ensures students can combine theory with practical. This course is not University Approved.

COURSE CONTENT

This course is a mix of Level 1, 2 and Level 3 with:

Core standards, which are essential for all students to undertake and these include:

- Career Exploration, Create a Targeted Curriculum Vitae, Time Management, Employment Agreements, Legal Implications of Renting, Managing Stress, Taxation, Banking, Knowledge of the New Zealand Police

Vocationally based standards are theory units students undertake in class time that relate to the student's chosen Gateway placement and may include but not limited to:

- Horticulture, Agriculture, Apiculture (Bee Keeping), Equine, Automotive, Early Childcare, Animal Care, Beauty Therapy

Industry standards are assessed at the student's Gateway placement and may include but not limited to:

- Hairdressing, Building, Electrical, Plumbing, Retail, Caregiving, Hospitality and Barista

SPECIAL REQUIREMENTS

- It is highly recommended that students undertake a Gateway placement from Term 1 for one day a week for three terms

ASSESSMENT CRITERIA

- Internal Unit Standards: 24 credits per student are available from a combination of modules

WHERE DOES IT LEAD?

- Level 2 Pathways into Level 3 Pathways
- Straight into the workforce
- Can continue at polytechnic or private training establishment courses after they leave school

FURTHER INFORMATION FROM

Mrs Crawford or Mrs Strang

PERFORMING ARTS TECHNOLOGY (PAT)

- Level 2

SUBJECT STATEMENT

Performing Arts Technology studies the backstage work in film, theatre, television and event management. Students work collaboratively to make REAL productions come to life at Kerikeri High School. All assessments are practical and involve seeing a project through from inception to completion.

COURSE CONTENT

This course:

- Gives students the experience of stage design; publicity; make up design and application; costume design and creation; production management; stage management; front of house management; lighting design and operation.
- Introduces students to stage makeup – including special effects make up.
- Gives students the chance to experiment with different theatre lighting effects, including designing, rigging and operating lighting for a public performance.
- Teaches students about costuming; culminating in a design for a specific character.
- Allows students to get involved in a production role of their choice for a school-based production. Students will have control of one production area and follow this through from design to performance.

SPECIAL REQUIREMENTS

- Will involve out of class time for evening performances
- Students will be required to provide their own make-up wipes and brushes for the make-up component of the course

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

WHERE DOES IT LEAD?

- Production work in film / television / theatre
- Makeup and hairdressing
- Teaching
- Event Management
- Production management
- Theatre management
- Lighting, sound, set design
- Any career which requires collaboration, problem solving or creativity

FURTHER INFORMATION FROM

Mrs Crooks

PHYSICAL EDUCATION (PED) – Level 2

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

This course:

- Requires students to actively participate in a wide range of individual and team activities.
- Gives students the opportunity to perform socially and competitively.
- Allows students to have their physical performance assessed against National Standards.
- Is practically based but does require writing. Approximately 25% will be theory.
- Gives students an introduction to leadership training.

This is an alternative to the Level 2 Physical Education – Advanced course. You cannot do this option AND the Level 2 Physical Education Advanced course.

SPECIAL REQUIREMENTS

- A suitable change of clothing is required for every session.
- Most lessons are assessed
- A medical certificate and/or excused note will be required from all non-participants
- No student will participate if they do not have a change of clothes

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 17 credits

WHERE DOES IT LEAD?

- Provides useful, practical experiences that contribute to an enjoyable lifestyle
- Leads to Physical Education at Level 3
- Is a good base for tertiary study in Sport, Recreation, Leisure and Physical Education

FURTHER INFORMATION FROM

Mr Connon

PHYSICAL EDUCATION – ADVANCED (PEA)

- Level 2

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

Physical Education is the development of movement education, including human anatomy and functions, psychological skills and leadership training specifically targeted to enhance physical performance. This course includes 40-50% theory work.

- Anatomy and Biomechanics
- Methods and Principles of Training to enhance the Components of Fitness
- Leadership Training
- Physical performance at a competitive level

You cannot do this option AND Level 2 Physical Education.

SPECIAL REQUIREMENTS

- A change of clothes is essential for practical sessions; no students will participate in uniform
- Being involved in extra-curricular sport is an advantage for the Practical Achievement Standard

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

WHERE DOES IT LEAD?

- Year 13 NCEA Level 3 course

University and Polytechnic degrees/courses in:

- Physical Education, Sport Fitness and Leisure Management, Physiotherapy, Leisure/Sport Studies
- Teaching, Recreation and Sport, Sport Science, Adventure Tourism

FURTHER INFORMATION FROM

Mrs Rennes

PHYSICS (PHY) – Level 2

SUBJECT STATEMENT

Physics is the science of matter and energy and of interactions between the two, grouped in fields such as mechanics, electricity, electromagnetism, waves and light as well as atomic and nuclear physics.

COURSE CONTENT

This course builds on the Physics of Year 11 and expands it with more breadth and depth. The five main areas taught are:

- Practical Investigation
- Atomics and Nuclear Physics
- Mechanics
- Electricity and Electromagnetism
- Light and Waves

ASSESSMENT CRITERIA

- 3 External Achievement Standards 16 credits
- 2 Internal Achievement Standards 7 credits

WHERE DOES IT LEAD?

- NCEA Level 2 Physics is a prerequisite for Level 3 Physics. Physics is a good indication of practical ability and problem solving skills for both employers and tertiary education. Many university courses such as technical, scientific or engineering courses require Physics.
- Architecture

FURTHER INFORMATION FROM

Mr Lumkong

SCIENCE (SCI) – Level 2

SUBJECT STATEMENT

General Science uses experimentation, research and observation to understand the world around us. It includes investigations into the Physical, Chemical and Biological world.

COURSE CONTENT

This course builds on the Year 11 Science Courses to expand student understanding to a higher level. It is not designed for students intending to study separate Sciences at or beyond this level. Students will be able to choose standards from a selection offered and prepare for assessments using digital learning tools. Topics will be available from the following domains:

- Biology
- Chemistry
- Physics
- Earth and Space Science
- Agriculture and Horticulture

SPECIAL REQUIREMENTS

- A tablet or laptop would be useful

ASSESSMENT CRITERIA

- A selection of internal and external Achievement Standards up to 24 credits

WHERE DOES IT LEAD?

- Courses which require the completion of a Level 2 Science course
- Careers such as military positions which require the completion of a Level 2 Science course
- This course does not lead to separate level 3 Science courses

FURTHER INFORMATION FROM

Your Year 11 Science teacher

SOCIAL STUDIES (SOC) - Level 2

SUBJECT STATEMENT

Social Studies is about how societies work and how people can participate in their communities as informed, critical, active, and responsible citizens.

Students examine the causes and effects of social issues that relate to identity, culture, and organisation, and learn to take actions that may bring about social improvement.

They investigate how individuals, communities, and societies respond to change and how ideas about society develop over time.

COURSE CONTENT

This course is open to a wide range of current contemporary content. The key themes are Social Action and Cultural Conflict.

Topics for 2021 will be:

- Troy Davis Campaign – Exploring viewpoints and social actions related to issues raised about the death penalty
- Child Poverty in New Zealand – research and social action
- External Achievement Standard – this topic will be confirmed at the end of 2020

SPECIAL REQUIREMENTS

- Optional – own device for note keeping, research and ongoing inquiry
- Two internal assessments are project and inquiry based and will rely heavily on independence and time management

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>Internal</u> Achievement Standards | 14 credits |
| • 1 <u>External</u> Achievement Standard | 4 credits |

WHERE DOES IT LEAD?

Law	Sociology
Journalism	Civil Defence
Teaching	Navy
Tourism	Army

FURTHER INFORMATION FROM

Mrs Davis

SPANISH (SPA) – Level 2

SUBJECT STATEMENT

This course concentrates on developing proficiency through reading and storytelling. This course incorporates the receptive skills of listening to, reading and viewing as well as the productive skills of speaking, writing and performing.

COURSE CONTENT

- Students will continue with the SOMOS curriculum where culture is fully embedded into the curriculum in a form that students can comprehend. Movie talk and movie studies throughout the course will further reinforce language and culture.
- Students will also have access to a variety of comprehensible input-based websites accessible from school and home that include stories, songs and activities to further reinforce their learning.
- Students will have the opportunity to interact with students from Lobos, Argentina via Zoom twice monthly giving presentations on New Zealand in Spanish and listening to presentations in English about Argentina, as well as carrying out conversations with these students. This course will allow students to reflect on and make many comparisons between Spanish speaking cultures and their own.

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>Internal</u> Achievement Standards | 14 credits |
| • 2 <u>External</u> Achievement Standards | 10 credits |

WHERE DOES IT LEAD?

- Leads on to Spanish NCEA Level 3 Spanish and Spanish at tertiary level
- Spanish Language Immersion Trip
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

TECHNOLOGY – ENGINEERING (TEM)

- Level 2

SUBJECT STATEMENT

This course is for students who want to work in trades linked to Engineering. It is based on Tools4work / Competenz Unit Standards that lead towards employment and apprenticeships in a range of industrial sectors. The work focuses particularly on the use, shaping and joining of metals during practical tasks. It studies the correct selection of materials based on their physical, chemical or mechanical properties and the use of machine tools to shape them. Engineering is a wide-ranging field that encompasses everything from basic fabrication and construction work through to high tech research and development. Most of the credits on offer will be achieved from the production of an off-road scooter.

Further information on career pathways can be found at - www.competenz.org.nz

COURSE CONTENT

This course:

- Studies the properties of materials and how they are best applied
- Develops students' skills further in the use of machines and hand tools to make more complex products building on the skills learnt at Level 1
- Develops skills in the use of marking out equipment required to work with accuracy
- Teaches the use of a range of dimensional measuring equipment
- Builds up competency in the use of hand power tools and related safety equipment

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 5 Unit Standards 17 credits

WHERE DOES IT LEAD?

- Level 3 Technology
- Level 3 Automotive
- Employment in related fields or apprenticeships

FURTHER INFORMATION FROM

Mr Clark

TECHNOLOGY – PRACTICAL TECHNOLOGY (TEP) – Level 2

SUBJECT STATEMENT

This course is for students who want to work in trades linked to the use of timber and construction materials. It is based around Unit Standards from the BCITO that link directly to careers and apprenticeships in the building trade. At Level 2 students will be given the opportunity to work with a wide range of hand tools, power tools and machines. In projects a combination of timber, metal and other materials can be used. These will be cut, shaped, formed and joined using a range of workshop processes. Projects will also allow students to use computer-controlled machines along with traditional methods of shaping materials.

COURSE CONTENT

This course:

- Teaches the safe and correct use of a range of tools and processes
- Expand understanding of materials' properties
- Develops communication skills in the context of the workplace
- Develops skills in the production of decorative and structural wood joints

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 4 Unit Standards (BCITO) 20 credits

WHERE DOES IT LEAD?

- Pre-apprenticeship courses or employment in building and furniture trades
- Apprenticeships in areas such as building, carpentry, boat building and furniture making
- Level 3 Technology course

FURTHER INFORMATION FROM

Mr Clark

TECHNOLOGY - SYSTEMS & CONTROL

(TSC) - Level 2

SUBJECT STATEMENT

This course is for students who want to work in electrical trades or go onto study in fields such as electronics, computer hardware or mechatronics at University. It will involve a mix of practical work and folder work to meet the Achievement Standards offered. The course requires students to learn a mixture of electronics theory and programming skills. Students will use micro controllers such as the BBC Micro:Bit, Arduino Pro Micro, electronic components, 3D printing, 3D design software and some workshop equipment.

The assessments will be based around set tasks and projects chosen by individual students. These projects will consist of a mixture of applied electronics, computer control, focused use of 3D printing and a small amount of construction work. This course is not based around heavy use of workshop machines. Such equipment will be used to support the function of the systems students develop. The course does not require students to have a background in any particular area such as programming or understand complex electronic circuits, as this will be taught as part of lessons. Success will depend upon the ability to bring together existing system blocks, customise them and use computer code to develop systems. Students who have completed the Level 1 course, or who have a particular flair for technical issues, an interest in Science and Maths or computer code will have the freedom to pursue their own interests.

COURSE CONTENT

This course:

- Develops basic soldering and circuit building skills
- Develops and expands the ability to use micro controllers and other smart technology that can be used in project work
- Encourages students to develop the skills needed to research into and apply modern technology
- Teaches students to combine system blocks
- Develops the ability to produce 3D designs using Inventor Pro

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All Health and Safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 4 Internal Achievement Standards 16 credits
- 1 External Achievement Standard 4 credits

WHERE DOES IT LEAD?

- Level 3 Technology
- Provides a general base of experience and understanding for students who may wish to go on to study electronics or robotics at University

FURTHER INFORMATION FROM

Mr Clark

TE REO MĀORI (MAO) – Level 2

SUBJECT STATEMENT

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under the Treaty of Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

COURSE CONTENT

- Whakarongo kia mōhio ki te reo o te ao torotoro
- Kōrero
- Pānui kia mōhio ki te ao torotoro
- Tuhi i te reo o te ao torotoro
- Waihanga tuhinga auaha i te reo te ao torotoro

ASSESSMENT CRITERIA

- 2 External Achievement Standards 12 credits
- 2 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

- Level 3 Te Reo Māori, tertiary programmes in Te Reo Māori
- University Māori Language papers
- Cultural Advisor (Government Department)
- Languages
- Teaching
- Performing Arts
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/Television Journalist
- Police Officer
- Radio broadcaster/Television presenter
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

FURTHER INFORMATION FROM

Whaea Kara

TOURISM (TOU) – Level 2

SUBJECT STATEMENT

In this course, students will understand the basics of Tourism. The course is Internally Assessed and students will study how the industry operates and the work roles available within it. Tourism destinations from around the World are explored throughout the units of work. The course is flexible and encourages self-directed learning. Students have access to industry providers and are able to take part in the Gateway programme to gain practical learning experience.

COURSE CONTENT

This course may cover:

- Work roles in the tourism industry
- World tourist destinations
- New Zealand as a tourist destination
- Characteristics of tourists
- The business of tourism
- The use of the internet in the tourism industry
- The history of tourism
- Impacts of tourism

ASSESSMENT CRITERIA

- 7 Unit Standards 28 credits (all internally assessed)

WHERE DOES IT LEAD?

- Post-school study in tourism and hospitality
- Jobs in the tourism sector, for example:
 - Hotels and hotel management
 - Travel agent
 - Travel wholesaler
 - Air steward
 - Tour guiding
 - Hosting
 - Outdoor leadership and recreation
 - Accommodation providers
 - Cruise ships
 - Adventure Tourism

FURTHER INFORMATION FROM

Miss Boisen

Kerikeri High School



YEAR 13

CURRICULUM GUIDE FOR 2021

YEAR 13 CURRICULUM GUIDE

THIS BOOKLET TELLS YOU

- What the subject is about
- Any special requirements you need to fulfil to study the subject
- Where the subject can take you

HOW DO YOU DECIDE WHAT SUBJECT TO CHOOSE?

Consider

- **How well you have done in a subject so far**
- What subjects you have done already
- Your own preference
- Careers interests – keeping in mind that you need to keep your careers options open
- Have you checked the requirements for **University Entrance** at the start of this guide?

Some subjects may have a cost due to a take home component of that curriculum.

WHO CAN HELP YOU DECIDE?

You will make your initial choice in consultation with your parents. Following this you, and your parents if they wish, will have the opportunity to discuss your choice with a member of a Course Counselling Team.

Other people who may help you decide are subject Teachers, Heads of Department, Guidance Counsellors, the Careers Advisor, the Deputy Principals and your Dean.

HOW MANY SUBJECTS DO I TAKE?

All Year 13 students choose 5 subjects across five of the six option lines.

YEAR 13

In Year 13 all students study 5 subjects

Most subjects offer up to 21 credits towards NCEA. The number of credits offered is shown in the Assessment Criteria on each page in the Curriculum Guide.

In order to receive NCEA at Level 3 students need a total of 80 credits, 60 of these at Level 3.

Certificate Endorsement

NCEA certificates can be endorsed with ***Merit*** or ***Excellence***.

Merit Endorsement - 50 credits at Merit or better at the level of the certificate

Excellence Endorsement - 50 credits at Excellence at the level of the certificate

Course Endorsement

Courses may be endorsed with Merit or Excellence. This provides recognition for students who perform exceptionally well in individual courses.

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

1. 14 or more credits at ***Merit*** or ***Excellence*** at the lower level that supports the endorsement
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards (except for Physical Education and Visual Arts)
3. sufficient credits in a single year

University Entrance

Please note that to achieve **University Entrance** at the end of Year 13 students must have the following minimum requirements.

- **NCEA Level 3**
- **University Entrance Literacy:**
 - 5 credits at Level 2 or above in Reading (English or Māori) AND
 - 5 credits at Level 2 or above in Writing (English or Māori)
- **Numeracy:**
 - 10 credits in numeracy standards from across the curriculum at Level 1 or higher
- **Subject:**
 - 14 credits in achievement standards in each of **3** subjects from the approved list for University Entrance (see the list at the front of this guide.)

LEVEL 3 SUBJECTS OFFERED IN YEAR 13

- ARD - Art (Design)
- ARA - Art (Painting)
- ARP - Art (Photography)
- AUT - Automotive Studies
- BIO - Biology
- MAN - Business Management
- MAC - Calculus
- CHE - Chemistry
- DVC - Design & Visual Communication
- DTC - Digital Technologies
- DRM - Drama
- ECO - Economics
- ENG - English
- MOE - Modular English
- GEO - Geography
- HIS - History
- HOS - Hospitality
- HUM - Human Development
- MUS - Music
- OED - Outdoor and Environmental Education
- WAY - Pathways
- PAT - Performing Arts Technology
- PED - Physical Education
- PEA - Physical Education – Advanced
- PHY - Physics
- SOC - Social Studies
- SPA - Spanish
- MAS - Statistics
- TEC - Technology - Systems & Control
- MAO - Te Reo Māori
- TOU - Tourism

ART - DESIGN (ARD) - Level 3

SUBJECT STATEMENT

Art Design enables students to approach creative problems in new and interesting ways. Students work in a variety of media, working with illustration, taking their own photographs, producing fonts, and learning to produce and publish work digitally using industry standard software such as Adobe InDesign, Illustrator and Photoshop. In Level 3 Art Design, students undertake a range of self-developed briefs, which provide integrated investigation into related themes and issues including cultural, media and historical contexts.

COURSE CONTENT

- Research methods and ideas from established design practice
- Use drawing to demonstrate understanding of conventions appropriate to design
- Systematically clarify ideas using drawing informed by established design practice
- Produce a systematic body of work that integrates conventions and regenerates ideas within Design

SPECIAL REQUIREMENTS

- A copy of Adobe Creative Cloud will be available for students studying this course, access to a computer outside of school is always beneficial.
- Any specialist printing required for external folio boards is an additional expense. The school can arrange this through an outside provider on a student's behalf at cost, however students may also choose to organise their own printing instead.

ASSESSMENT CRITERIA

This subject is University Entrance approved

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 14 credits

For the external assessment students will present a three-panel folio, or a 3-minute moving-image based video of related works, which respond to a series of self-directed briefs, showing generation, development and regeneration of ideas within design. The external assessment is produced in class over an extended period.

WHERE DOES IT LEAD?

- Beyond secondary school, the study of Design leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in Design may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise or Mrs Davis

ART - PAINTING (ARA) - Level 3

SUBJECT STATEMENT

Art - Painting is a practical course, which gives students the opportunity to express creativity and imagination and develop technical skills. Students work with a variety of different media, refining skills in drawing and painting processes, creating in-depth and interesting works. Students work with perceptual skills, develop creative imagination and advance their technical and critical faculties.

COURSE CONTENT

- Analyse methods and ideas from established painting practice
- Use drawing to demonstrate understanding of conventions appropriate to painting
- Systematically clarify ideas using drawing informed by established painting practice
- Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice

ASSESSMENT CRITERIA

This subject is University Entrance approved

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 14 credits

For the external assessment, students will present a three-panel folio, or a 3-minute moving-image based video of related works, produced in response to a self-selected theme, showing generation, development, and regeneration of ideas within painting. The external assessment is produced in class over an extended period.

WHERE DOES IT LEAD?

- Beyond secondary school, the study of Visual Arts leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise or Mr Forstner

ART – PHOTOGRAPHY (ARP) - Level 3

SUBJECT STATEMENT

The Level 3 Photography course covers a broad range of photographic practice. It is a practical course in which students work with digital cameras and industry standard software such as Adobe Lightroom and Photoshop to produce their work. The course also includes aspects of history, theory, and investigation of established photographic practice. Level 3 Photography students undertake a range of self-developed photographic briefs, which provide integrated investigation into related themes and issues including cultural, media and historical contexts.

COURSE CONTENT

Students will develop skills in the following areas:

- Investigating ideas and techniques from established practice
- Developing camera skills and digital literacy
- Learning image editing and manipulation techniques
- Advancing visual literacy skills
- Building knowledge of established photography conventions
- Developing ideas in a related series
- Producing a body of work that develops thematic ideas

SPECIAL REQUIREMENTS

- Students need to have some form of digital camera to complete this course
- A copy of Adobe Creative Cloud will be available for students studying this course, access to a computer outside of school is always beneficial.
- Any specialist photographic printing required for external folio boards is an additional expense. The school can arrange this through an outside provider on a student's behalf at cost, however students may also choose to organise their own photographic printing instead.

ASSESSMENT CRITERIA

This subject is University Entrance approved

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 14 credits

For the external assessment, students will present a three-panel folio, or a 3-minute moving-image based video of related works, in response to a self-selected theme, showing generation, development and regeneration of photographic ideas. The external assessment is produced in class over an extended period.

WHERE DOES IT LEAD?

- Beyond secondary school, the study of Photography leads to a broad range of tertiary courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in Photography may include Advertising, Architecture, Artist, Design (Concept, Graphic, Interior, Fashion, Landscape, Product, Transport), Signwriting, Technology Development (App, Animation, Software and Gaming Development), Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media, Television and Film Industry (Creative Technologies, Special Effects, Video and Photography), Online Publishing and Development.

FURTHER INFORMATION FROM

Mrs Wise or Mrs Client

AUTOMOTIVE STUDIES (AUT) – Level 3

SUBJECT STATEMENT

Automotive Studies Level 3 is at an advanced level working towards National Certificate in Automotive Trades. It covers some more advanced principles around automotive components as well as a range of practical skills. The course content can be negotiated.

COURSE CONTENT

This course:

- Develops on the basic Level 2 principles but can also allow for more breadth of Level 2 content
- Allows students to develop skills in Arc/Mig welding and welding theory
- Includes in depth study of the operation of Gearboxes and Differentials
- Includes maintenance and safety of road and boat trailers
- Includes in depth study of exhaust systems and carburettors
- Allows for project work

SPECIAL REQUIREMENTS

- Level 3 is a step up on the Level 2 units and a reasonable standard of literacy is required as well as independent work habits
- Students must wear covered shoes, not jandals, and work in line with department Health and Safety rules at all times

ASSESSMENT CRITERIA

- 5 Unit Standards Total 20 Level 3 credits

Set and moderated by NorthTec

WHERE DOES IT LEAD?

- The National Certificate in Automotive trades
- NorthTec
- National certificates allowing employment in the following areas:
Collision repair, electrical engineering, auto engineering, heavy engineering, auto refinishing, coach building, industrial textile fabrication, motor trimming, motorcycle engineering

FURTHER INFORMATION FROM

Mr McCabe

BIOLOGY (BIO) – Level 3

SUBJECT STATEMENT

Year 13 Biology is the study of many aspects of the Living World, from DNA to Evolution and is an exciting and demanding subject. The topics covered not only prepare the student for tertiary study, but also provide them with important life skills to allow them to make informed decisions.

COURSE CONTENT

- Animal behaviour and plant responses
- Homeostasis
- Contemporary biological techniques – Manipulation of Genetic Information including: Selective Breeding and Transgenesis
- A socio-scientific issue with an NZ or South Pacific theme
- A practical biological investigation into a biological response
- Human Evolution
- Patterns of Evolution

ASSESSMENT CRITERIA

- 4 Internal Achievement Standards 13 credits
- 3 External Achievement Standards 13 credits

WHERE DOES IT LEAD?

- Biology is undergoing exciting and rapid changes – from developments in modern techniques such as gene editing, genetic engineering and forensics, to advances in the manipulation of DNA and new discoveries in human evolution. Many of today's issues such as CRISPR are hot topics for the future. New fields such as nutrigenomics, epigenetics and the development of GMOs that assist the NZ economy will affect all of us. The importance and dynamics of Biology is being recognised by many tertiary institutes. It is a pre-requisite subject for courses such as: nursing, physiotherapy, pharmacy, medicine, health sciences, sports science, agriculture, horticulture and forestry.
- Study of Biology can also lead onto careers such as forestry, sports nutrition, agricultural management, medicine, dentistry, food technology, reproductive technology, forensics and the rapidly growing biosecurity and environmental management, as well as many others.

FURTHER INFORMATION FROM

Mrs Harrisson

BUSINESS MANAGEMENT (MAN) - Level 3

SUBJECT STATEMENT

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

COURSE CONTENT

The process of learning will involve students in a wide range of activities that will help to:

- evaluate and recognise strategic improvements to a business plan
- analyse the human resource cycle from a strategic perspective
- explain the role of cultural intelligence in global markets
- use financial tools for forecasting
- evaluate the likely impact, on local and global business and society, of operating in a sustainable manner
- evaluate the impact of changes in the global marketplace on local businesses
- evaluate the role of New Zealand multinational business in the global economy and analyse its impact on the host country
- explain the risks and opportunities involved in expanding globally
- explain the role of innovation in business success

Business Management students are enrolled and participate in the Young Enterprise Scheme. Young Enterprise (YES) is a high profile experiential business programme developed by Enterprise New Zealand Trust and run in secondary schools. (www.youngenterprise.org.nz)

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 1 External Achievement Standard 4 credits
- 2 Internal Achievement Standards 15 credits

SPECIAL REQUIREMENTS

- Some start-up capital may be required

WHERE DOES IT LEAD?

- The teaching in this course is focused primarily on preparing students for the study of Business and Management at University.

FURTHER INFORMATION FROM

Mrs Dickson

CALCULUS (MAC) – Level 3

SUBJECT STATEMENT

Mathematics is the exploration and use of patterns and relationships in quantities, space and time. Through being engaged in knowing, doing, and thinking mathematically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course continues to broaden and extend students' mathematical experiences, and provides a foundation to support tertiary study in many other subjects. Much of the content is unfamiliar at Level 3. The most successful students are those who have very strong Level 2 results and are prepared to work hard at mastering new concepts.

- Differentiation
- Integration
- Algebra
- Geometry
- Trigonometry

ASSESSMENT CRITERIA

- 3 External Achievement Standards up to 17 credits
- 4 Internal Achievement Standards up to 13 credits

WHERE DOES IT LEAD?

- Students who successfully complete this course have mathematical skills and techniques they could apply to solving problems in a wide range of practical contexts
- Students could consider further study in such areas as:
 - Mathematics and Computing
 - Engineering and Architecture
 - Business and Economics
 - Careers in the Sciences

FURTHER INFORMATION FROM

Mrs Smith

CHEMISTRY (CHE) – Level 3

SUBJECT STATEMENT

Chemistry is the study of materials, their properties and how they interact with each other in fields such as organic chemistry, physical chemistry, inorganic chemistry and analysis.

COURSE CONTENT

This course assesses elements of the following:

- Redox
- Structure and Bonding
- Aqueous
- Organic

SPECIAL REQUIREMENTS

- Covered shoes required

ASSESSMENT CRITERIA

- 3 External Achievement Standards 15 credits
- 3 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

- Engineering
- Medical Sciences
- Food Technology
- Nursing
- Veterinary Science
- All life Science courses
- Technician
- Forensics

FURTHER INFORMATION FROM

Mrs Robertson or Mrs Durbin

DESIGN & VISUAL COMMUNICATION

(DVC) - Level 3

SUBJECT STATEMENT

Design and Visual Communication (DVC) is the study of product and spatial design. This encompasses anything that may be designed and created for a purpose. We use drawing techniques, rendering, computer design and model making in order to complete the design process.

COURSE CONTENT

- In Year 13, students choose their own topic of study and most focus on one theme throughout the year. Individuals complete a course that is based on Fashion design, Product design, Presentation techniques, Technical drawing and Architecture.
- Briefs may be taken from the following areas: Architecture, Landscape, Product Design, Engineering, Media Design and Fashion. A high degree of presentation, technical and freehand drawing is expected.

Students may focus on the following skills:

- Promotion of a final design concept
- Computer-aided design
- Freehand isometric, oblique and perspective drawing, exploded drawing and sections
- Design process and presentation of a design brief
- Language of design

ASSESSMENT CRITERIA

- Work will be assessed on a regular basis throughout the year, with summative marks given. Final submissions of Achievement Standards, both Internal and External is at the beginning of Term Four. Students will select between 14 and 18 credits in this subject for the academic year.
- 2 External Achievement Standards - maximum 10 credits
- 3 Internal Achievement Standards - maximum 18 credits

WHERE DOES IT LEAD?

- Possible career avenues in:

Engineering	Advertising	Product Design	Illustration
Surveying	Fashion Design	Sign Writing	Drafting
Graphic Design	Landscaping	Architecture	Building
- Leads to further tertiary study

FURTHER INFORMATION FROM

Miss Crawford

DIGITAL TECHNOLOGIES (DTC) - Level 3

SUBJECT STATEMENT

Computer Science and Digital Technologies underline almost all innovation today. This ability to innovate is important for students' future success and the ability to make a difference in a global society.

COURSE CONTENT

Internal Achievement Standards (All University Entrance Approved)

- 3.8 Use complex processes to develop a digital technologies outcome
- 3.7 Use complex programming techniques to develop a computer programme
- 3.6 Use complex techniques to develop a network

External Achievement Standards (All University Entrance Approved)

- 3.9 Analyse an area of Computer Science

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. Students will need to leverage their pre-existing design, problem solving and logical reasoning abilities. With this in mind, students will have the opportunity to develop these further while gaining up to 19 Level 3 credits. Students should have a strong understanding of programming and computer science concepts.

ASSESSMENT CRITERIA

- 3 Internal Achievements Standards 16 credits
- 1 External Achievement Standard 3 credits
-

WHERE DOES IT LEAD?

Familiarity with computing will provide you with the knowledge, problem-solving skills and logical thinking capabilities that are required in your future study or career. Every industry uses computers, meaning computer scientists can pursue any sector they want. Familiarity with computer science and software engineering concepts are now fundamental to many academic and research careers.

Future Study options include Computer Science and Software Engineering

Digital Technologies can lead you into careers as a Software Developer, Database Administrator, Computer Hardware Engineer, Computer Systems Analyst, Computer Network Architect, Web Developer, Cyber Security Analyst, Computer and Information Research Scientists, Game Designer, Graphics Researcher, Artificial Intelligence Researcher.

FURTHER INFORMATION FROM

Mr Ward

DRAMA (DRM) – Level 3

SUBJECT STATEMENT

Drama is not just about acting. This course covers transferable skills that will be useful throughout life; communication, presentation/public speaking, collaborative and leadership skills, problem solving, time management, initiative and the ability to work to a deadline. We aim to build confidence while having fun. We have authentic learning – with REAL audiences.

COURSE CONTENT

This course:

- Gives students the opportunity to perform a role in a major class production to a public audience
- Guides students through devising and scripting their own theatre pieces for public performance
- Allows students to study in depth major play texts, focussing on different theatre forms and genres
- Refines student's skills in the drama techniques of voice, body, movement and use of space
- Gives students the opportunity to sit the Scholarship Drama exam
- Gives students the opportunity to view and critically analyse live theatre performances

SPECIAL REQUIREMENTS

- Optional Theatre Trip: \$80
- After school, weekend or holiday rehearsals may be required for public performances

ASSESSMENT CRITERIA

- 1 External Achievement Standard 4 credits
- 3 Internal Achievement Standards 16 credits

WHERE DOES IT LEAD?

- Journalism / Broadcasting
- Law / Politics
- Event Management
- Actor / Actress
- Public Relations
- Teaching / Lecturing / Early Childhood
- Lighting, sound, set design
- Tourism / Customer Liaison / Hospitality
- Assists in careers involving public speaking or presentation
- Any career that requires collaboration, problem solving, or creativity

FURTHER INFORMATION FROM

Ms Bowers

ECONOMICS (ECO) – Level 3

SUBJECT STATEMENT

Economics examines how people make choices about the use of limited resources to satisfy unlimited wants. It helps explain and predict how goods and services will be produced and consumed.

Economics explores issues of sustainability (efficient use of scarce resources), enterprise (identifying profit-maximising levels of output), citizenship (economic decisions affecting New Zealand society), and globalisation (the benefits of international trade).

COURSE CONTENT

This course applies economic theory and models to understanding both micro-economic and macro-economic issues. It:

- Considers the function and role of markets in achieving economic efficiency
- Examines and analyses issues of market failure from differing points of view
- Studies the economic interrelationships within a modern mixed economy
- Develops the skills of economic research, analysis and communication
- Provides an understanding of the processes and effects of a range of government policies

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 8 credits
- 2 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

A basic study of Economics:

- Provides useful analytical skills and general knowledge of contemporary social and economic issues
- Leads to tertiary study in a wide range of subjects including Commerce, Management, Enterprise, Law, Political Science, Global Studies, Journalism, Finance and Social Sciences

FURTHER INFORMATION FROM

Mrs Dickson

ENGLISH (ENG) – Level 3

SUBJECT STATEMENT

This course is for students who enjoy English and who have been successful at Level 2 English. It involves studying literature and film that challenges students' thinking. A passion for reading, writing and debating issues is important.

COURSE CONTENT

This course offers:

- formal and creative writing
- critical essay
- oral presentation (optional)
- written text study
- film study
- analysis of unfamiliar texts

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 10 credits (plus 3 optional speech credits)
Total: 25 credits

The actual standards assessed are subject to change.

WHERE DOES IT LEAD?

- English is a versatile subject that is relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- An English degree can lead to careers in communications, public relations, event management, journalism, media; or, with extra training, a more specialised degree like law, medicine or teaching.

FURTHER INFORMATION FROM

Ms Robinson

MODULAR ENGLISH (MOE) – Level 3 **(Internally Assessed Course)**

SUBJECT STATEMENT

This course is for students who have not achieved University Entrance literacy credits at Level 2, or students who want to improve their literacy skills and gain credits at Level 2 and 3 English. Whilst there is flexibility in the course to meet the individual needs of students, the majority of the internal standards assessed will be Level 2 English Standards. This means reassessment opportunities for standards that students attempted, but did not achieve, in Year 12 English. The opportunities to sit Level 3 English Internal Achievement Standards will be on an individual and case by case basis.

COURSE CONTENT

This course offers:

- formal and creative writing
- research investigation
- oral presentation
- personal responses to a variety of fiction and non-fiction texts
- an opportunity for some of these skills to be assessed at Level 3 English

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards at Level 2 English that count for University Entrance: 14 credits
- The opportunity to sit Internal Achievement Standards at Level 3 English, on an individual basis

WHERE DOES IT LEAD?

Obtaining University Entrance literacy credits through this course enables students to attend university to study a course of their choice. The credits on offer in this course are also required for a number of careers. Most professions require students to have competent verbal and written communication skills.

FURTHER INFORMATION FROM

Ms Robinson

GEOGRAPHY (GEO) – Level 3

SUBJECT STATEMENT

Geography is the study of the earth and its features – both natural and cultural and the interactions between them. It gives students a holistic understanding of the world and includes skills and knowledge from both the Science and Social Science fields. Geography enables us to look at the world from a wide variety of different perspectives and teaches skills for developing a socially and environmentally sustainable future. Level 3 Geography offers students more choice in course content and areas of study.

COURSE CONTENT

This course can include the following areas of study:

- Natural Processes - Coastal processes and their outcomes e.g. Tapuaetahi Coastal Environment
- Cultural Processes - Tourism development e.g. Bali/Rotorua
- Geographic skills e.g. map work, visuals, spatial data, using data
- Planning and Decision Making e.g. Rhythm and Vines Festival
- Global geographic topics e.g. Water Scarcity, Maritime Piracy
- Contemporary geographic issues e.g. Deep Sea Drilling, Marine Reserves
- Geographic research e.g. Coastal Processes, Sustainability of Tourism
- Geographic Information Systems – manipulating and analysing geographic data

SPECIAL REQUIREMENTS

- Optional Rotorua field trip – approximately \$400

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 11 credits

WHERE DOES IT LEAD?

- | | |
|----------------------------|--------------------------------|
| • Environmental Management | • Tourism |
| • Planning | • Geology |
| • Law | • Civil Defence |
| • Civil Engineering | • Surveying |
| • Journalism | • Urban Planning |
| • Teaching | • Event Management |
| • Outdoor recreation | • Demography and policy making |

FURTHER INFORMATION FROM

Miss Boisen

HISTORY (HIS) – Level 3

SUBJECT STATEMENT

The study of History is a window into the past that provides understanding of the present day. However, the best thing about History is that it teaches students so much about the world they live in today. They will expand their general knowledge, learn to think critically about information and be encouraged to ask questions about the past, present and future. There are no wrong answers in History – only ideas, backed up by evidence.

COURSE CONTENT

This course covers:

- Events with Impact; the Impact of European arrival on Māori, Apartheid in South Africa, Japanese invasion of Manchuria, the Belgians in the Congo
- The Cold War and Perspectives towards The Cuban Missile Crisis
- The New Zealand Wars, including a focus study on both The Northern War and The Waikato War
- How to read and interpret source material
- How to think critically about information

SPECIAL REQUIREMENTS

- Field trip in Term 3

ASSESSMENT CRITERIA

- 2 External Achievement Standards 10 Credits
- 2 Internal Achievement Standards 10 Credits
- 1 Optional Internal Achievement Standard 5 Credits

WHERE DOES IT LEAD?

- The subject is taught at all levels from Years 9 - 13.
- The study of History teaches students a whole raft of transferable skills. Students of History learn good habits of thought. Students learn to analyse ideas and data, and develop original interpretations of such materials. They are also taught to express themselves well, both verbally and in writing, essential skills for becoming a teacher, doctor, lawyer, businessperson, consultant, or nurse.
- Historians can also expect to find employment in many fields including business, industry, trade, tourism and commerce; in Government departments - foreign affairs, trade and industry, treasury, justice, banking and law; in publishing, journalism, radio and television, social work etc.

FURTHER INFORMATION FROM

Mrs Jarman

HOSPITALITY (HOS) - Level 3

SUBJECT STATEMENT

Hospitality at Level 3 provides students with skills in the safe preparation and cooking of foods, as well as knowledge and skills required in the preparation and service of espresso coffee to an industry-acceptable standard.

COURSE CONTENT

This course includes specific studies in

- Basic skills and preparations of foods, including food safety
- Culinary products and terms
- Espresso production and preparation skills
- Team catering

SPECIAL REQUIREMENTS

- In order to gain the Barista credits, students will be required to complete at least 10 hours of unpaid work placement – this will take place outside of normal school hours
- Some practical assessments will be outside of normal school hours, as time constraints do not allow some assessments to be completed within 55 minute periods

ASSESSMENT CRITERIA

Standards will be selected from the following:

- 1 Unit Standard at Level 2 – Internal 4 credits
- 3 Unit Standards at Level 3 – Internal 19 credits

WHERE DOES IT LEAD?

- Possible staircasing into tertiary-level study (Chef training, Hospitality Operations & Management, Kitchen and/or Restaurant Service Apprenticeships)
- Provides students with valuable practical skills that can be used to gain employment during tertiary study, gap years, travel etc.

FURTHER INFORMATION FROM

Mr McRae

HUMAN DEVELOPMENT (HUM) – Level 3

SUBJECT STATEMENT

This course provides opportunities to gain knowledge and experience in:

- Human development from conception to adulthood
- The importance of adults, families, communities and New Zealand society in the welfare of all members of the family

COURSE CONTENT

This course includes specific studies in:

- Advanced child development
- Nutrition, food needs and issues around food
- Current health issues affecting New Zealanders
- The influences of society and the media on the well-being of individuals and families

Note: Some practical food preparation will be included

ASSESSMENT CRITERIA

- Assessment for this course will include a selection of Achievement Standards from the Home Economics Matrix and Unit Standards from the Early Childhood Matrix under the auspices of the NZ Plunket Society:
- 1 External Achievement Standard 4 credits
- 2 or 3 Internal Achievement Standards 5 credits each
- 1 Unit Standard 5 credits

Note: The Home Economics Achievement Standards offered in this course constitute an approved subject for University Entrance

WHERE DOES IT LEAD?

- Towards the National Certificate in Early Childhood Education and “Care” careers
- Careers involving working with people e.g. Teaching, Nursing, Police, Psychology

FURTHER INFORMATION FROM:

Mr McRae and Mrs Smith

MUSIC (MUS) – Level 3

SUBJECT STATEMENT

In Music, emotion, intellect, and imagination are articulated through sound. Music allows us to express feelings and ideas about ourselves and our place in the world, using symbolic notation, live performances, compositions and analysis of existing pieces.

COURSE CONTENT – choose from

- Prepare and present programmes of music as a **featured Soloist** on up to two instruments
- Present a performance of a programme of music as a **member of a group**
- Present a portfolio of original **composition or songwriting**
- Create two **arrangements**
- Integrate aural skills into written representation
- Demonstrate an understanding of **harmonic and tonal** conventions in a range of music
- Research a Music topic
- **Analyse** and **examine** the influence of context on a substantial music work

SPECIAL REQUIREMENTS

- Students are recommended to have instrumental or vocal tuition either privately or in school. (Music tuition fee \$25 per term if learning through school).
- Own or hire an instrument
- You should have a willingness to participate in music groups and public performance both in school and outside
- Attend concerts by visiting musicians either in or outside school
- Performance assessments may occur during evening concerts
- Students should be able to read music notation well and understand theory concepts to a high level as well as having significant experience on their chosen instrument
- Students who haven't learned to read music or had approx. 5 years training on their instrument will only have access to 6 credits

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 7 Internal Achievement Standards 38 credits
- There is an expectation for individualised programmes of study

WHERE DOES IT LEAD?

Tertiary Qualifications

- NZQA National Certificate in Music
- Polytechnic Diploma and Degree Courses in Rock or Jazz Music at Christchurch, Hamilton and Wellington
- University Degree in Music at Auckland, Christchurch, Wellington and Waikato. Music Careers for example
- Performer, conductor, accompanist,
- Technical aspect of music – composer, recording, sound technician
- Teaching – at various levels, music therapist

FURTHER INFORMATION FROM

Mrs McGlinchey

Outdoor and Environmental Education (OED) – Level 3

SUBJECT STATEMENT

Provide the opportunity to learn skills relevant to the Outdoor Industry and introduce pathways into the Outdoor Industry.

Provide students with Level 3 Outdoor Education-based Standards and Education for Sustainability Standards.

Provide students with practical-based assessment opportunities.

COURSE CONTENT

- Analysing safety management in the outdoors
- Demonstrating performance of an activity in the outdoors
- Manage First Aid in the outdoors
- Emergency care in the outdoors
- Demonstrate Bush Walking knowledge and skills
- Evaluate measures to sustain or improve a biophysical environment

SPECIAL REQUIREMENTS

- Enjoy the outdoors
- Attendance on trips and camps is mandatory to ensure the requirements of the Achievement and Unit Standards are met.
- A medical certificate is required if a student cannot participate in an activity.

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 11 credits
- 3 Internal Unit Standards 12 credits

WHERE DOES IT LEAD?

- Outdoor Instructing
- Sea Kayaking Guide
- Tour Guiding
- Camp America/ Youth Camps
- Adventure Based Learning facilitator

FURTHER INFORMATION FROM

Ms Gibbs/ Mr Connon

PATHWAYS (WAY) – Level 3

SUBJECT STATEMENT

Pathways is the combined content of core generic unit standards, vocationally based standards and industry assessed standards. Theory based material from a range of providers alongside work experience through the Gateway work experience programme ensures students can combine theory with practical. This course is not University Approved.

COURSE CONTENT

This course is a mix of Level 2 and Level 3 with:

Core standards, which are essential for all students to undertake and these include:

- Plan a Career Pathway, Deal with Complaints, Exercise Informed Choice in Deciding on a Major Goods Purchase, Knowledge of Consumer Problems and Being Interviewed in an Informal Situation

Vocationally based standards are theory units students undertake in class time that relate to the student's chosen Gateway placement and may include but not limited to:

- Horticulture, Agriculture, Apiculture (Bee Keeping), Equine, Automotive, Early Childcare, Animal Care, Beauty Therapy

Industry standards are assessed at the student's Gateway placement and may include but not limited to:

- Hairdressing, Building, Electrical, Plumbing, Retail, Caregiving, Hospitality and Barista

SPECIAL REQUIREMENTS

- It is a requirement of this course that students undertake a Gateway placement from Term 1 for one day a week for three terms

ASSESSMENT CRITERIA

- Internal Unit Standards: 24 credits per student are available from a combination of modules

WHERE DOES IT LEAD?

- Straight into the workforce, apprenticeships, polytechnic courses or private training establishment courses.
- If this is the only subject taken that is not University Approved, students may study many courses at University.

FURTHER INFORMATION FROM

Mrs Crawford or Mrs Strang

PERFORMING ARTS TECHNOLOGY (PAT)

- Level 3

SUBJECT STATEMENT

Performing Arts Technology studies the backstage work in film, theatre, television and event management. Students work collaboratively to make REAL productions come to life at Kerikeri High School. All assessments are practical and involve seeing a project through from inception to completion.

COURSE CONTENT

This course:

- Is 100% project-based learning. Students must be able to work as part of a team towards a common goal.
- Gives students the experience of leading areas of stage design; publicity; make up design and application; costume design and creation; production management; stage management; front of house management; lighting design and operation; set design and set construction; sound for a major production.
- Students will create portfolio design work for all roles. Suitable for University submission boards.
- Allows students to get involved in production roles of their choice for two school-based productions. Students will have control of one production area and follow this through from design to performance. This means they will need to be able to effectively self-manage and attend rehearsals and performances outside of school hours.

SPECIAL REQUIREMENTS

- Will involve out of class time for weekend / holiday rehearsals and evening performances for two productions

ASSESSMENT CRITERIA

- You have the choice of 7 Internal Achievement Standards
- Each standard is worth 6 credits
- You will undertake 3 or 4 of the standards during the course of the year (18 or 24 total credits)

WHERE DOES IT LEAD?

- Production work in film / television / theatre
- Makeup and hairdressing
- Teaching
- Event Management
- Production management
- Theatre management
- Lighting, sound, set design, costuming
- Architecture
- Design
- Creative industries
- Any career which requires collaboration, problem solving or creativity

FURTHER INFORMATION FROM

Mrs Crooks

PHYSICAL EDUCATION (PED) – Level 3

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

- Evaluate a fitness programme
- Performance of Physical Skills to a National Standard
- Evaluate your sporting and Physical Activity background
- Critique leadership styles
- 70% of this course is theory based

This is an alternative to the Level 3 Physical Education – Advanced course. You cannot do this option AND the Level 3 Physical Education Advanced course.

SPECIAL REQUIREMENTS

- A suitable change of clothing is required for every practical session
- Year 13 students will NOT be allowed to participate in their school attire
- Optional SCUBA Course:
 - SCUBA certification \$500

ASSESSMENT CRITERIA

- 4 Internal Achievement Standards 16 credits

WHERE DOES IT LEAD?

- Provides useful, practical experiences that contribute to an enjoyable lifestyle
- Is a good base for tertiary study in Sport, Recreation, Leisure and Physical Education
- Is good practical experience for careers requiring a fitness/physical component in them
- Is good practical experience for careers that have a physical/fitness prerequisite

FURTHER INFORMATION FROM

Mr Connon or Mrs Gordon

PHYSICAL EDUCATION – ADVANCED (PEA)

- Level 3

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

- Evaluate a training programme
- Analysing a Physical Skill
- Performance of Physical Skills to a National Standard
- Evaluate your sporting and Physical Activity background
- Critique leadership styles

You cannot do this option AND Level 3 Physical Education

SPECIAL REQUIREMENTS

- Optional SCUBA Course:
 - Dive medical \$45 approx.
 - SCUBA certification \$500 approx.

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 19 credits

WHERE DOES IT LEAD?

University degrees and Polytechnic courses in:

- Sport and Fitness and Leisure Management, Tourism, Physical Education
- Physiotherapy, Leisure Studies, Teaching, Recreation and Sport
- Sports Studies, Adventure Tourism

FURTHER INFORMATION FROM

Mr Connon

PHYSICS (PHY) – Level 3

SUBJECT STATEMENT

Physics is the science of matter and energy and of interactions between the two, grouped in fields such as mechanics, electricity, electromagnetism, waves, light and modern physics.

COURSE CONTENT

This course builds on the Physics of NCEA Level 2 and expands it with more breadth and depth. The five main areas taught are:

- Practical Investigation
- Light and Waves
- Mechanics (translational, rotational and simple harmonic motion)
- Modern Physics
- Electricity and Electromagnetism (DC and AC circuits, capacitance and electromagnetic induction)

ASSESSMENT CRITERIA

- 3 External Achievement Standards 16 credits
- 2 Internal Achievement Standard 7 credits

WHERE DOES IT LEAD?

- Many technical and scientific tertiary courses need some Physics in their early stages. Some courses such as Engineering will require good NCEA Level 3 passes to gain entry. Check with the Careers Advisor for your intended course. Physics also gives employers an indication of a logical mind able to cope with complex problems.

FURTHER INFORMATION FROM

Mr Lumkong

SOCIAL STUDIES (SOC) - Level 3

SUBJECT STATEMENT

Social Studies is about how societies work and how people can participate in their communities as informed, critical, active, and responsible citizens.

Students examine the causes and effects of social issues that relate to identity, culture, and organisation, and learn to take actions that may bring about social improvement.

They investigate how individuals, communities, and societies respond to change and how ideas about society develop over time.

COURSE CONTENT

This course is open to a wide range of current contemporary content. The key themes are Social Action and Ideologies.

Topics for 2021 will be:

- Jamie Oliver Food Revolution Campaign – Examining a social action that is trying to influence policy change
- Own topic for research and social action – main aim is looking to influence policy change
- External Achievement Standard – this topic will be confirmed at the end of 2020

SPECIAL REQUIREMENTS

- Optional – own device for note keeping, research and ongoing inquiry
- Two internal assessments are project and inquiry based and will rely heavily on independence and time management

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>Internal</u> Achievement Standards | 16 credits |
| • 1 <u>External</u> Achievement Standard | 4 credits |

WHERE DOES IT LEAD?

Law	Sociology
Journalism	Civil Defence
Teaching	Navy
Tourism	Army

FURTHER INFORMATION FROM

Mrs Davis

SPANISH (SPA) – Level 3

SUBJECT STATEMENT

This course concentrates on the receptive skills of listening to, viewing and reading as well as the productive skills of writing, speaking and performing Spanish.

COURSE CONTENT

- Knowledge of Spanish language covered in Level 2 will progress to areas where the context is less familiar to the students, e.g. Technology, Immigration, Latin American history and culture.
- This course will allow students to reflect on and make many comparisons between Spanish speaking cultures and their own. Scholastic materials along with vibrant video study topics will provide students with material at a relevant level that is current and interesting.

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 14 credits
- 2 External Achievement Standards 10 credits

WHERE DOES IT LEAD?

- Leads on to Spanish at tertiary level
- Spanish Language Immersion Trip
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

STATISTICS (MAS) – Level 3

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

The main focus of this course is to broaden and extend students' statistics and probability experiences with some applied mathematical topics. Technology is used to process and analyse data efficiently. This course includes the study of:

- Statistical Investigations involving Time Series and Bi-variate Data
- Evaluating Statistical Reports
- Probability
- Linear programming and simultaneous equations

ASSESSMENT CRITERIA (a selection from)

- 3 External Achievement Standards up to 12 credits
- 4 Internal Achievement Standards up to 14 credits

WHERE DOES IT LEAD?

- Students who successfully complete this course have a range of skills and techniques they could use to solve problems in a variety of statistical and probability contexts.

Students could consider further study in such areas as:

- Statistics and Probability Theory
- Business, Insurance, Economics, Sciences, Medicine
- Research in any field
- Data analysis in any field

FURTHER INFORMATION FROM

Mrs Smith

TECHNOLOGY - SYSTEMS & CONTROL **(TEC) – Level 3**

SUBJECT STATEMENT

In Year 13 Technology, students develop and construct projects that build upon their previous experiences. This could consist of construction-based projects focusing on the use of workshop processes and materials or individually chosen ones based around electronics, portable computer games consoles and robotics. Whichever direction is chosen by a student they will be required to use a wide range of equipment, machines and materials to achieve the Level 3 Credits on offer.

COURSE CONTENT

This course:

- Focuses on developing students' abilities to independently use workshop machines, hand tools and safety equipment in practical project work
- Teaches how to select, compare and use a range of joining processes in project work
- Develops an awareness of the properties of engineering materials
- Involves the use of 3D printing equipment and CAD software
- May involve electronics and the use of programming if chosen by the student

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 3 Internal Achievement standards 16 Credits
- 1 External Achievement standard 4 Credits

WHERE DOES IT LEAD?

- University courses at degree level in a related area of study
- Employment in related fields or apprenticeships
- Further study on trade related courses

FURTHER INFORMATION FROM

Mr Clark

TE REO MĀORI (MAO) – Level 3

SUBJECT STATEMENT

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under the Treaty of Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

COURSE CONTENT

- Whakarongo i te reo o te ao whānui (listening)
- Kōrero i te reo o te ao whānui (speaking)
- Pānui kia whai maramatanga i te reo o te ao whānui (reading)
- Whakaoti tuhinga ōkawa i te reo o te ao whānui (writing)
- Pānui kia wetewete i te reo o te ao whānui
- Hanga tuhinga auaha i te reo o te ao whānui

ASSESSMENT CRITERIA

- 2 External Achievement Standards 12 credits
- 2 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

- Tertiary programmes in Te Reo Māori
- University Māori Language papers
- Cultural Advisor (Government Department)
- Languages
- Teaching
- Performing Arts, Radio broadcaster/Television presenter
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/Television Journalist
- Police Officer
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

FURTHER INFORMATION FROM

Whaea Kara

TOURISM (TOU) – Level 3

SUBJECT STATEMENT

In this course, students study the operation of the tourism industry with particular focus on the major tourist destinations in our region including New Zealand, Australia and the Pacific Islands. The course is flexible and encourages self-directed learning. Students have access to industry providers and are able to take part in the Gateway programme to gain practical learning experience.

COURSE CONTENT

This course focuses on Australia, New Zealand and the South Pacific as tourist destinations. This includes locations, activities, accommodation and transport in each area.

SPECIAL REQUIREMENTS

- Optional field trip: approx. \$60

ASSESSMENT CRITERIA

- 4 Unit Standards 22 credits (all internally assessed)

WHERE DOES IT LEAD?

- Post-school study in tourism and hospitality
- Jobs in the tourism sector, for example:
 - Hotels and hotel management
 - Travel agent
 - Travel wholesaler
 - Air steward
 - Tour guiding
 - Hosting
 - Outdoor leadership and recreation
 - Accommodation providers
 - Cruise ships
 - Adventure Tourism

FURTHER INFORMATION FROM

Miss Boisen