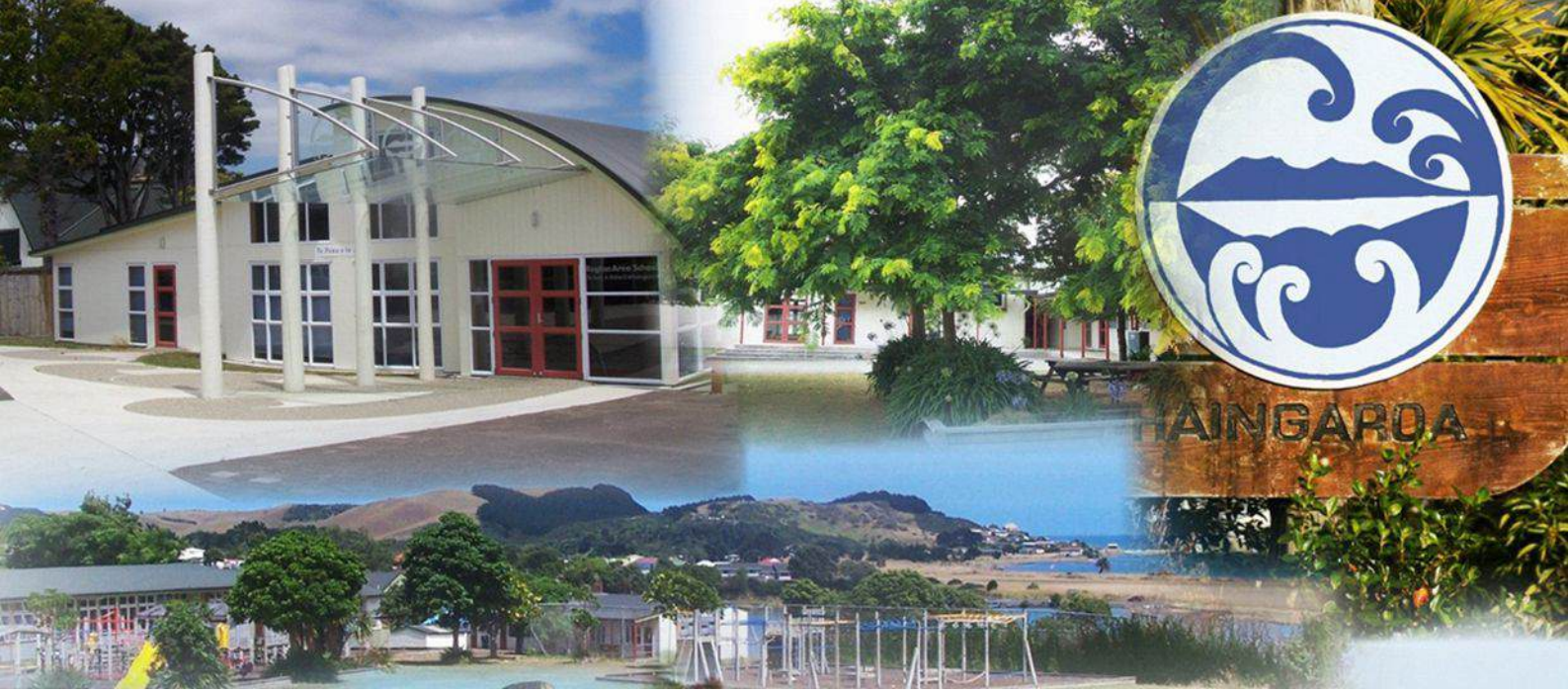


Raglan Area School
2026 Y11 - 13 Subject Booklet

Mana Rangatahi - Empowering Young People

Contents

NCEA prospectus

Vision, Mission, and Values

Subject Selection Advice

Guide to NCEA Level 1 - 3

University Entrance

NCEA Endorsement

Guidelines 'choosing a subject' Y11 - 13

Pathways at Y11 - 13

NCEA Subjects and Courses

Co-requisite

The Arts

English

Health and Physical Education

Mathematics

Outdoor Education

Science

Social Sciences

Te Ao Māori

Technology

Vocational Pathways

Correspondence

Our Vision

Mana Rangatahi

Empowering Young People

Our Mission

Whakanuia te mātauranga i te taiao kākano rua

Celebrating Education In A Bicultural Environment

Our Values

Poutama - I am resilient and aspire to excellence

Whanaungatanga - I am inclusive and connect genuinely with others

Manaakitanga - I am respectful, kind, and empathetic

Kaitiakitanga - I am a caretaker of Te Ao Māori and our world

NGA MATAPONO

Teaching and Learning Principles

Mana Ahurea - affirming positive behaviour for life
Mana Kākano - explicit teaching of the fundamentals
Mana Māori - honouring Te Ao Māori
Mana Tāwhaki - learning through exploration
Mana Taiao - respecting and rejoicing in the natural world
Mana Tangata - sustaining meaningful partnerships
Mana Tuakiri - celebrating individuality
Mana Wairua - nurturing the whole person

Subject Selection Advice

Think about your abilities and interests at school

- What subjects are you good at or not so good at? What does this tell you about yourself? Are you a good writer, good with numbers, a practical person? Which subjects have you enjoyed studying? Which do you dislike and why?

Keep your career options open

- Most people change their minds about what they want to do in the future. Your interests and abilities will change over time, or you might find out about new careers that you had never heard of before.
- If you're unsure about what job you want to do, try to study a wide range of subjects at school. This will give you more options later on.

How can whanau help?

- What are your aspirations for your child?
- What does your Tamaiti aspire to?
- Choose subjects that will support the aspirations of your tamaiti. Personal Trainer = mathematics, biology, physics, english and physical education.
- If your tamaiti does not have a set plan, choose subjects that will provide the most opportunity when they leave school.
- Check the career's website offering resources to help whānau with NCEA choices

Please note: We always try to place students into their preferred course choices; however, all courses are dependent on reaching minimum student numbers and staffing availability. Students will be advised if the school is unable to provide the subjects they select. If a course is over-subscribed, students will be required to take part in a selection process. In addition, timetabling constraints may result in some subject combinations not being available. Where a subject is not offered, we will endeavour to organise appropriate study through measures such as distance learning, to cater to the individual's needs.

Guide to NCEA Level 1 - 3

Level 1

60 credits

60 credits **MUST** be at Level 1 or above

Level 2

60 credits

60 credits **MUST** be at Level 2 or above

Level 3

60 credits

60 credits **MUST** be at Level 3 or above

20 credits (co-requisite) **ONE OFF** – Te Reo Matatini and Te Pāngarau - Literacy and Numeracy requirements or gained previously.

University entrance (UE)

To gain University entrance (UE) qualifications, you need:

- NCEA Level 3
- 14 credits at Level 3 in each of three approved subjects
- 10 Literacy credits at Level 2 or above, made up of:
  - 5 credits in reading
  - 5 credits in writing.
- 10 Numeracy credits at Level 1 or above, made up of:
  - co-requisite Level 1 Numeracy unit standard 32406 or Te Pāngarau unit standard 32412, or
  - certain achievement standards.

NCEA Endorsement

	Achieved	Merit	Excellence
Level 2 Biology	**Demonstrate an understanding** of biological concepts and processes	**Demonstrate an in-depth understanding** of biological concepts and processes	**Demonstrate a comprehensive understanding** of biological concepts and processes

Certificate endorsement = **50** merit/excellence credits from all subjects

Course endorsement = **14** credits in the same subject

Guidelines Y 11 - 13

Year 11

- Choose six subjects (3 Compulsory + 3 Options).

Compulsory	Option 1	Option 2	Option 3
•English/Literacy •Mathematics/Numeracy •Science/Horticulture			

Year 12

- Choose six subjects.
- English, Mathematics and the Sciences are highly recommended.

Highly Recommended	Option 1	Option 2	Option 3	Option 4	Option 5
•English •Mathematics •Sciences					

Year 13

- Choose six subjects (6 Options).
- Although Level 3 has no compulsory subjects it is highly recommended that those who wish to follow tertiary education continue to study English.
- If considering University study, three university approved subjects must be selected.

Option 1	Option 2	Option 3	Option 4	Option 5	Option 6

Pathways at Y11 - 13

SUBJECT	LEVEL 1	LEVEL 2	LEVEL 3
CO-REQUISITE	**Literacy** - All students who have not gained NCEA literacy must choose either Literacy or English **Numeracy** - All students who have not gained NCEA numeracy must choose either Numeracy or Mathematics		
ARTS – Visual and Performing	Visual Art	Painting	Painting
		Photography	Photography
	Music	Music	Music
ENGLISH	English	English	English
HEALTH & PHYSICAL EDUCATION	Physical Education & Health	Physical Education	Physical Education
		Sport	Sport
	Surf Academy	Surf Academy	Surf Academy
MATHEMATICS	Mathematics	Mathematics	Mathematics
OUTDOOR EDUCATION	Outdoor Education	Outdoor Education	Outdoor Education
SCIENCE	Science	Biology	Biology
		Physics	Physics
	Horticulture	Horticulture	Horticulture
SOCIAL SCIENCES	Social Studies	Social Studies	Social Studies
TE AO MĀORI	Te Ao Māori	Te Ao Māori	Te Ao Māori
TECHNOLOGY	Digital Media Design/ Digital Technologies	Digital Media Design/ Digital Technologies	Digital Media Design/ Digital Technologies
	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication
	Materials Technology	Construction	Construction
		Materials Technology	Materials
VOCATIONAL PATHWAYS		Gateway	Gateway
		Tourism	Tourism
	Trades Academy	Trades Academy	Trades Academy
CORRESPONDENCE (Te Kura)	Te Kura	Te Kura	Te Kura

Years 11 to 13

Poutama - Whanaungatanga - Manaakitanga - Kaitiakitanga

Co-requisite

NCEA Literacy and Numeracy Co-requisites:

- These are separate from the main NCEA credits and are designed to ensure students have a solid foundation in essential skills before graduating. Students must achieve 20 credits in total, comprising two literacy standards (reading and writing) and one numeracy standard.
- All learners need to achieve a 20-credit co-requisite specific to te reo matatini or literacy and pāngarau or numeracy skills to be awarded any level of NCEA. The co-requisite is a one-off requirement.
- The requirements are formally separated out from the certificate at Levels 1-3 and the 20-credit co-requisite becomes mandatory from 2024.
- There are two assessment windows to complete these assessments. One in Term 2 and the other in Term 3. Assessments are Externally marked by NZQA and take approximately 6 weeks to complete.

Literacy - Reading, Literacy - Writing, Numeracy

LIT - Literacy

The Year 11 Literacy course offers a challenging, achievable programme for this level of study. This is a functional English course to help students gain the required Literacy Reading and Writing credits. Students will also attempt other unit standards that will help them when entering the workforce.

There are no prerequisites for this course. Students who have not achieved all 10 literacy credits in year 10 are encouraged to choose the LIT class.

Standard	Standard Title	Int/Ext	Credits	Co- Req	
				Num	Lit
32403	Read written texts to understand ideas and information	Ext	5		Y
32405	Write texts to communicate ideas and information	Ext	5		Y
US504	Produce a CV	Int	2		
US1293	Be interviewed in an informal one-to-one, face-to-face interview	Int	2		
This course does not lead to a UE approved subject		**Total**	**14**		

NUM - Numeracy

Numeracy is a foundational skill that enables access to further learning, develops important life skills, and allows people to fully engage in work and their communities. Students will choose either Numeracy or Mathematics at Level 1.

There will be two opportunities throughout the year to sit the External numeracy examination. Other unit standards will be offered to students throughout this course.

Standard	Standard Title	Int/Ext	Credits	Co-Req	
				Num	Lit
US32406	Apply mathematics and statistics in a range of everyday situations.	ext	10	Y	
US28087	Demonstrate knowledge of the effect of life stages on personal Income.	int	3		
US28089	Demonstrate knowledge of personal financial goal setting.	int	3		
This course does not lead to a Level 3 approved UE subject.		**Total**	**16**	NCEA Credit Key	

The Arts – Ngā Toi

The Arts, encompassing Music and Visual Art—offers students in Years 11–13 opportunities to deepen their creative, critical, and technical skills. At these levels, the focus is on personal expression, cultural understanding, and the development of individual artistic voice.
Students are encouraged to explore and communicate complex ideas through composition, performance, analysis, and visual storytelling, while also engaging critically with historical, social, and cultural contexts.
Study of the Arts in NCEA supports both academic and vocational pathways, fostering independent thinking, creative risk-taking, and preparation for further study or careers in the incredibly diverse creative industries.

Music & Visual Arts (Painting & Photography)

The Arts – Ngā Toi

LEARNING PATHWAYS FOR VISUAL ARTS:

Beyond school, Visual Arts can prepare students for further education and training related to careers in a range of pathways:

- Toi Māori such as art studio or exhibition space operator, tā moko, kura kaupapa Māori Kaiako, Māori curator of public museums, corporate or government commissioned marae wānanga workshops.
- Education such as secondary Art teacher, tertiary lecturer, tertiary tutor.
- Fashion and Textiles such as CAD or CAM operator, dressmaker, fashion designer, pattern maker and grader, production manager, studio assistant, stylist, marketing and social media, textile designer.
- Fine Art such as graphic illustrator, commercial artist, draftsperson, special effects, painter.
- Graphic Design such as advertising, branding and marketing advisor, digital conversion designer, graphic designer, packaging designer, signwriter, magazine layout, typographer.
- Photography such as advertising, events, fashion, landscape, portraits, sports videographer and content creator.
- Product Design such as ceramics, pottery, industrial designer or model designer, jeweller, toy designer, weaver.
- Writing and Analytical such as Art historian, Art critic, curriculum designer, graphic novelist, Arts administrator.
- Other such as Art conservationist, Art dealer, Art therapist, artist agent, tattoo artist, UX (user experience) designer, marketing and brand specialist, social media adviser, broadcast editor.

Career and Learning Pathways

1ART - Level 1 Art

This course will prepare students for a pathway towards Level 3 Visual Arts in Painting, Design, or Photography.

The years course consists of three main assessments each worth 5 credits each.
A workbook that explores the visual arts processes and conventions where you learn how to sketch, try different media create new compositions and develop your art towards its final outcome.
A large scale painting that is developed about a whanau member who has significantly impacted your life. This piece is exhibited at the Raglan Old School Art Gallery for a week.
A Board that depicts either your own chosen theme or your whakapapa, turangawaewae and self identity explored.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91311		Ext	5		
91913	Produce a significant resolved artwork appropriate to established art making conventions	Int	5		
91915	Create a sustained body of related artworks in response to an art making proposition	Ext	5		
This course leads to a Level 3 approved UE subject.		**Total**	**15**	NCEA Credit Key	

2PAINT - Level Two Art Paint

Level 2 Painting course aims to provide students with an introduction to painting techniques and processes. Students are encouraged to investigate a range of approaches to painting through the study of artist models appropriate to their chosen subject matter and interests.

This course leads to a Level 3 approved UE subject.
Course outline
Level One Art is the prerequisite for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91311	Use drawing methods to apply knowledge of conventions appropriate to painting *Progress mark loaded: Thursday 2 April 2026* *Expected due date: Friday 3 July 2026*	int	4		
AS91316	Develop ideas in a related series of drawings appropriate to established painting practice *Expected due date: Friday 3 July 2026*	int	4		
AS91321	Folio Boards *Expected due date: Tuesday 27 October 2026*	ex	12		
This course leads to a Level 3 approved UE subject.		**Total**	**20**	NCEA Credit Key	

3 PAINT- Level Three Art Paint

At Level 3 students produce a systematic body of work that integrates drawing and painting conventions, learning from established practice, and re-generate ideas to create their own unique artworks.

Students will work on a yearlong project with their own chosen theme. They will extend their knowledge and skills using a range of different mediums and techniques working towards a three A1 folio panel submission.
Prerequisite Students must have completed Level 2 Art paint full year course.

This course is a Level 3 approved UE subject.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91446	Use drawing methods to apply knowledge of conventions appropriate to painting *Friday the 3rd of July we will load a progress grade*	Int	4		
AS91451	Systematically clarify ideas using drawing informed by established painting practice ***Expected due date: Friday the 25th of September***	Int	4		
AS91456	Folio Boards ***Expected due date: Early November***	ext	14		
This course is a Level 3 approved UE subject.		**Total**	**22**	NCEA Credit Key	

2PHOT - Level Two Art Photography

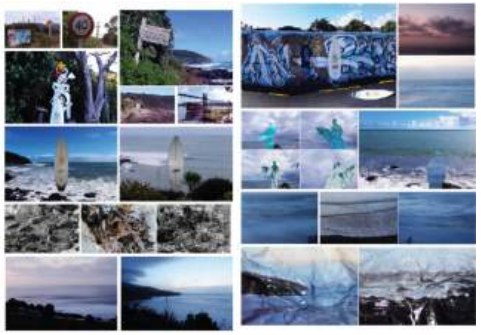
Level 2 Photography course aims to provide students with an introduction to Photography techniques and processes.

Students are encouraged to investigate a range of approaches to photography through the study of artist models appropriate to their chosen subject matter and interests. Each module of work includes a series of tasks and activities that build up skills and understanding toward the NCEA Level 2 Photography assessments.

Level One art is the prerequisite for this course. If the student shows a keen interest and other experience this can be negotiated on a case by case basis. It is encouraged that the student has access to their own camera as resources are limited.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91312	Use drawing methods to apply knowledge of conventions appropriate to photography *Friday the 3rd of July we will load a progress grade*	int	4		
AS91317	Develop ideas in a related series of drawings appropriate to established photography practice ***Expected due date:** Friday the 25th of September*	int	4		
AS91322	Folio Boards *Expected due date: Tuesday 27 October 2026*	ext	12		
This course leads to a Level 3 approved UE subject.		**Total**	**20**	NCEA Credit Key	

3PHOT - Level Three Art Photography



At Level 3 students will be producing a systematic body of work that integrates drawing and photography and continue to build on art-making skills in photographic media learning from established practice, and re-generate ideas to create their own unique artworks.
Students choose their own context for their photographic investigation and begin by working on a project to develop several sequences of photographs. This project will be expanded into a larger portfolio for their end of year submission, which can either be printed and displayed on Three folio boards.
Prerequisites- must have completed Level Two Photography both Ints and boards full year course. Students should have their own camera as resources are limited.
Course outline
•Learn the use of contemporary digital cameras, studio lighting, and Adobe programmes for post-processing
This course is a Level 3 approved UE subject.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91447	Use drawing to demonstrate understanding of conventions appropriate to photography *Friday the 3rd of July we will load a progress grade*	int	4		
AS91452	Systematically clarify ideas using drawing informed by established photography practice ***Expected due date:** Friday the 25th of September*	int	4		
AS91457	Folio Boards ***Expected due date:** Early november*	ext	14		
This course is a Level 3 approved UE subject.		**Total**	**22**	NCEA Credit Key	

Music

LEARNING PATHWAYS FOR MUSIC:

Beyond school, learners in Music will have gained skills and experience that help them greatly both in tertiary education and the world of work. This includes:

- Musical performer such as soloist, group performer such as in orchestra/jazz ensemble/cultural groups, band/solo artist
- Musical composer
- Musicologist
- Theatre
- Conducting
- Music critic
- Therapist (music/sound therapy)
- Music teacher
- Music lecturer, technician or tutor
- Film/videogame score composer
- Technology developer (hardware and software).

1MUSC - Level 1 Music

In Level 1 Music, students will explore how music connects us to the past, present and future and invites us to express our identity through the art of sound.

Students will learn about how musical ideas can be organised, developed, and shared through performance and composition as well as exploring how musical forms are expressions of the societies, cultures, and contexts in which we find ourselves.

Course outline
- Who am I as a musician? – Honing my skills
- What role does Music play in our world?
- Creating my own music - Electronic, instrumental, songwriting
- Performing music to others

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91950	Demonstrate understanding of Music in relation to contexts	Ext	5		
91949	Demonstrate Performance Skills	Int	5		
91951	Shape musical ideas to create a musical composition	Ext	5		
This course leads to a Level 3 approved UE subject.		**Total**	**15**	NCEA Credit Key	

2MUSC - Level 2 Music

NCEA Level 2 Music is all about honing your skills as a musician through participation in creating and performing music. This course involves group and solo performance on your chosen instrument(s), research into New Zealand Music and composition. There are also opportunities to play a second instrument for performance.

It is recommended that students have completed Level 1 Music to enter this course.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
91270	Perform two substantial pieces of music as a featured soloist	Int	6				
91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	Int	4				
91278	Investigate an aspect of New Zealand music	Int	4				
91271	Compose two substantial pieces of music	Int	6				
This course leads to a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**			
Possible Extras:							
91274	Perform a substantial piece of music as a featured soloist on a second instrument	Int	3				
32302	Apply knowledge of Midi sequencing	Int	3				

3MUSC - Level 3 Music

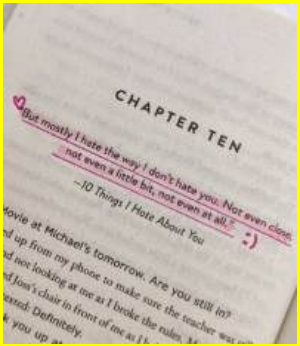
Level 3 Music is all about setting students up for life in the Music industry. From understanding how music reflects and interacts with our society to creating and performing your own musical compositions, students will gain real-world experience in the awesome world of Music.

Several solo performances throughout the year
Group performances in bands/ensembles
Creating a composition portfolio – song writing or instrumental, individual or group based
Music research - research a music topic of your choice
Second instrument performances (teacher discretion)

It is highly recommended that students entering this course have completed Level 2 Music

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91416	Perform two programmes of music as a featured soloist	I	8		
AS91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	I	4		
AS91425	Research a music topic	I	6	Y	
This course is a Level 3 approved UE subject.		**Total**	**18**	NCEA Credit Key	
Possible Extras:					
AS91419	Communicate musical intention by composing three original pieces of music	I	8		
AS91417	Perform a programme of music as a featured soloist on a second				

English - Reo Ingarihi



English is the study, use, and enjoyment of the English language and its literature, communicated orally, visually, and in writing, for a range of purposes and audiences and in a variety of text forms. Learning English encompasses learning the language, learning through the language, and learning about the language.

Understanding, using, and creating oral, written, and visual texts of increasing complexity is at the heart of English teaching and learning. By engaging with text-based activities, students become increasingly skilled and sophisticated speakers and listeners, writers and readers, presenters and viewers.

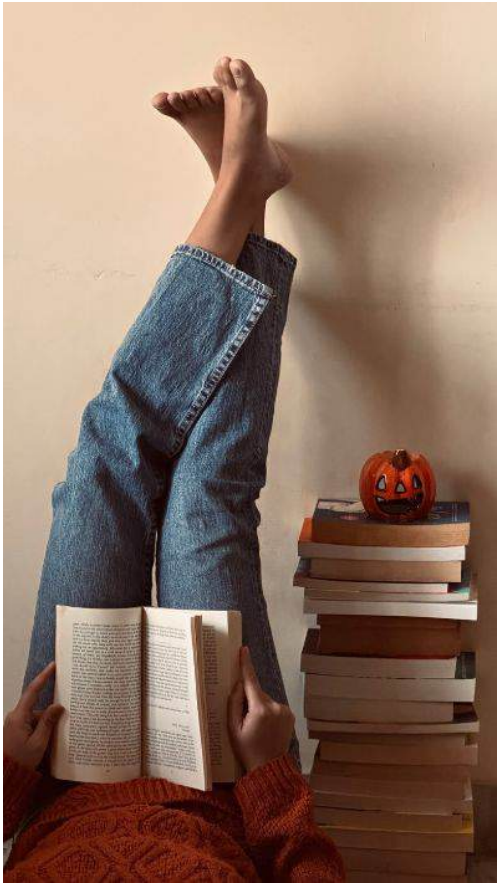
English - Reo Ingarihi

The knowledge, skills, and values ākonga develop through English support them to participate in social, cultural, political, and economic life and set them up for a variety of pathways after school.

English provides opportunities for ākonga to connect with people, critically engage with ideas, and build effective communication and literacy skills.

Some of these pathways include:
Actor, Administration Officer, Author, Case Manager, Clinical Coder, Court Registry Officer, Elected Government Representative, Fishery Officer, Flight Attendant, Health and Safety Inspector, Immigration Officer, Library Assistant, Mail and Parcel Sorter, Personal Assistant, Police Officer, Probation Officer, Production Assistant (Film, Television, Radio or Stage), Radio Presenter, Recreation Coordinator, Survey Interviewer, Teacher Aide, Television Presenter

Further Studies - Learning English will help you to be able to write for academic purposes in further education beyond schooling.



1ENG - English - Reo Ingarihi

The Year 11 course offers a challenging, achievable programme for this level of study. Level 1 English explores making meaning of a range of texts. The texts selected are to engage students' curiosity and encourage them to be creative and critical in their assessments.

There are no prerequisites for this course. However, students who have not achieved all 10 literacy credits in year 10 are encouraged to choose the LIT class unless they have prior approval from the HOD.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS91924	Demonstrate understanding of how context shapes verbal language use	Int	5		Y		
AS91926	Develop ideas in writing using stylistic and written conventions.	Int	5		Y		
AS91927	Demonstrate understanding of significant aspects of unfamiliar texts.	Ext	5		Y		
This course leads to a Level 3 approved UE subject.		**Total**	**15**				

2ENG - English - Reo Ingarihi

The Year 12 English courses involve studies in literature and film. With a focus on analysis, students will learn to pull apart the texts they read or watch. A range of texts that allow students to engage in high-level thinking, considering how and why a text is made and the messages it presents. Students are expected to be creative, analytical, and critical.

Students can achieve University Entrance Literacy credits that are offered in their course. Year 12 students leave English at the end of the year with a new outlook on literature and skills that have prepared them for further study.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS91101	Produce a selection of crafted and controlled writing	Int	6		Y		Y
AS91105	Use information literacy skills to form developed conclusions	Int	4		Y	Y	
AS91107	Analyse aspects of visual and/or oral text(s), supported by evidence	Int	3		Y		
AS91099	Analyse specified aspect(s) os studied visual or oral texts supported by evidence.	Ext	4		Y		Y
AS91100	Analyse significant aspects of unfamiliar written tex(s) through close reading, supported by evidence	Ext	4		Y	Y	Y
This course leads to a Level 3 approved UE subject.		**Total:**	**21**				

3ENG - English - Reo Ingarihi

The Year 13 English course offers a challenging programme and fosters advanced skills that, ultimately, prepare students for tertiary education. Students at this level study many different texts and analyse them through a variety of lenses. These readings give students a new understanding of these texts, history, our current society, and themselves as humans.

Students leave Level 3 English with many skills that can be utilised in various fields of study and the workforce.

14 credits at Level 2 English are required for this course.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas.	Int	6		Y		Y
AS91478	Respond critically to significant connections across texts, supported by evidence	Int	4		Y		
AS91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	Int	3		Y		
AS91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	Ext	4		Y	Y	Y
AS91474	Respond critically to specified aspects of unfamiliar written texts through close reading, supported by evidence	Ext	4		Y	Y	Y
This course is a Level 3 approved UE subject.		**Total:**	**21**				

Physical Education - Mahi a Tinana

In physical education, the focus is on the well-being of the students themselves, of other people, and of society through learning in movement contexts.

Movement is integral to the human experience. It facilitates a lifelong understanding of our bodies, contributes to our hauora, and allows us to live physically active lives. Movement is affected by and affects who we are, how we experience and interact with others, and our relationship to and place in society.

Physical Education develops the social, emotional, intellectual, and cultural capabilities of ākonga. These capabilities inform the ways in which ākonga understand tikanga in movement contexts, provide diverse ways of participating in physical activities, and contribute to movement's wider benefits to hauora.

Physical Education - Mahi a Tinana

Physical education helps students to develop the skills, knowledge, and competencies to live healthy and physically active lives at school and for the rest of their life. They learn 'in, through, and about' movement, gaining an understanding that movement is integral to human expression and can contribute to people's pleasure and enhance their lives.

Learning in physical education:

- Promotes active lifestyles
- Challenges thinking in a fun environment
- Builds movement competence and confidence
- Develops teamwork, leadership, and interpersonal skills
- Explores and develops decision-making and risk management
- Triggers thinking and action to create change
- Develops understandings about the social and cultural significance of movement
- Creates learning pathways

Physical education provides a solid foundation for further studies relating to movement and the body, including the social and health sciences, recreation, and tourism. It provides a pathway into many careers that involve working with people, such as education, health, justice, and the social services.

Career and Learning Pathways

1PHED - Physical Education

This course offers a broad introduction to Physical Education and provides a basis of learning for all pathways in Level 2 and Level 3 Physical Education and Sport.

This course has a mixture of physical and written assessments in a range of contexts that are influenced by student interests.

This course is highly recommended for those students looking to follow the academic pathway that Physical Education offers through to tertiary studies.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS 92017	Demonstrate understanding of the application of strategies in movement, kotahitanga	Int	5		
AS 91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	Int	5		
AS 91335	Examine the implementation and outcome(s) of a physical activity or event.	Int	3		
AS 91336	Analyse group processes in physical activity	Int	3		
This course leads to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

2PHED - Physical Education

Level 2 Physical Education is necessary for those considering taking Level 3 Physical Education, and should be considered for those undertaking a University Entrance pathway.

In this course students will learn the fundamental concepts of Senior Physical Education, which will prepare them for higher learning in this field. A couple of the highlights of Level 2 PE are leading Year 9 students at camp, and participating in the Mud Run.

All of the assignments in Level 2 PE are written assessments except for AS91330 which is a performance based assessment.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS 91332	Evaluate leadership strategies that contribute to the effective functioning of a group	Int	4		
AS 91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	Int	4		
AS 91333	Analyse the application of risk management strategies to a challenging outdoor activity	Int	3		
AS 91330	Perform a physical activity in an applied setting	Int	4		
This course leads to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

3PHED - Physical Education

Level 3 Physical Education is a University Entrance course that examines Physical Activity, Hauora, Leadership, Biomechanics, and Exercise Science.

Students will complete the Tough Guy and Gal Mud Run, and be involved in a range of other practical activities and sports.

All achievement standards in Level 3 PE are written assignments except for AS9101 which is a performance based assessment. Level 3 Physical Education is an essential course for anyone considering a career in health, physical education, medicine, science, sport, or physiotherapy.

A minimum of 9 level 2 credits in Physical Education are required for students to enrol in this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS 91505	Examine contemporary leadership principles applied in physical activity contexts.	Int	4	Y	
AS 91500	Evaluate the effectiveness of a performance improvement programme	Int	4	Y	
AS 91501	Demonstrate quality performance of a physical activity in an applied setting	Int	4		
AS 91499	Analyse a physical skill performed by self or other	Int	3		
AS 91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	Int	4		
This course is a Level 3 approved UE subject.		**Total**	**19**	**NCEA Credit Key**	

1SPORT - Sport Studies

This course is new in 2026 and is designed to meet the growing needs of our kura and our students. This course is for students who prefer a more hands on approach to their learning and may be looking for a vocational pathway.

In level one sport, students will have the opportunity to gain credits through practical movement including orienteering, rock climbing and mountain biking.

Alongside this, students will have the opportunity to participate in a range of sports during class time. These sports will be tailored to the needs and interests of the class.

This course is predominantly unit standard based, has a number of vocational pathway opportunities with no prerequisites for students to enrol.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US5479	White and Yellow Orienteering Courses	Int	2		
US20137	Mountain Biking on Grade 1	Int	2		
US20210	Demonstrate Skills for Introductory Rock Climbing	Int	2		
US32842	Personal Awareness and Positive Behaviour	Int	3		
US20138	Set up and undertake basic maintenance of a mountain bike	Int	2		
AS92017	Demonstrate understanding of the application of strategies in movement	Int	5		
This course does not lead to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

2SPORT- Sport Studies

This course is designed for students who enjoy a more hands on approach to their learning with the opportunity for increased practical experiences.

In Level 2 Sport, students will explore a variety of aspects in sport including the importance of communicating, the role of the coach, how to plan coaching sessions and delivering coaching sessions..

Alongside this, students will have the opportunity to participate in a range of sports during class time.

This course is predominantly unit standard based, has a number of vocational pathway opportunities with no prerequisites for students to enrol.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US 22771	Plan beginner-level coaching sessions for sport participants	Int	6		
AS 91330	Perform a physical activity in an applied setting	Int	4		
US 22768	Conduct and review a beginner level coaching session	Int	4		
US 9677	Communicate in a team or group which has an objective	Int	3		
This course does not lead to a Level 3 approved UE subject.		**Total**	**17**	**NCEA Credit Key**	

3SPORT - Sport Studies

This course is designed for students who enjoy a more hands on approach to their learning with the opportunity for increased practical experiences.

In Level 3 Sport, students will learn about injury prevention and risk management. They will develop their knowledge of the human body and muscular system and use this knowledge to design their own training programme to follow. Visiting WINTEC to explore career pathways in sport is highlight for this course along with the Tough Guy and Gal Challenge.

This course is predominantly unit standard based, has a number of vocational pathway opportunities with no prerequisites for students to enrol.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US20673	Demonstrate knowledge of injuries, injury prevention and risks and hazards associated with sport or recreation	Int	5		
US 30933	Demonstrate exercise and stretching techniques	Int	5		
AS91501	Demonstrate quality performance of a physical activity in an applied setting	Int	4		
US 30935	Develop and implement an exercise plan for personal physical fitness	Int	5		
This course is not a Level 3 approved UE subject.		**Total**	**19**	**NCEA Credit Key**	

1&2 SURF - Physical Education

This subject is by invitation only. Students have to apply to participate in the Surfing Academy, and go through an interview process. Applicants are required to be competent surfers that show passion for surfing and a proven commitment to their academic studies.
Our Surf Academy programme is taught over two option lines. This means, Surf Academy students can choose another 4 (not 5) subjects.

The Surfing Academy standards are NCEA Physical Education standards with all learning contexts developed around surfing. The standards are a combination of practical and theory application. The assessments chosen will be designed around students' abilities and needs.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS 91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	Int	4		
AS 91236	Evaluate factors that influence people's ability to manage change	Int	5		
AS 91332	Evaluate leadership strategies that contribute to the effective functioning of a group	Int	4		
AS 91336	Analyse group processes in physical activity	Int	4		
This course leads to a Level 3 approved UE subject.		**Total**	**17**	**NCEA Credit Key**	

3 SURF - Physical Education

This subject is by invitation only. Students have to apply to participate in the Surfing Academy, and go through an interview process. Applicants are required to be competent surfers that show passion for surfing and a proven commitment to their academic studies

The Surf Academy programme is taught over two option lines. This means, Surf Academy students can choose another 4 (not 5) subjects.

The Surfing Academy standards are NCEA Physical Education standards with all learning contexts developed around surfing. The standards are a combination of practical and theory application

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS 91500	Evaluate the effectiveness of a performance improvement programme	Int	4	Y	
AS 91501	Demonstrate quality performance of a physical activity in an applied setting	Int	4		
AS 91499	Analyse a physical skill performed by self or other	Int	3		
AS 91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	Int	4		
This course is a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

Mathematics – Pangarau

Mathematics is the exploration and use of patterns and relationships in quantities, space, and time. Statistics is the exploration and use of patterns and relationships in data. These two disciplines are related but have different ways of thinking and solving problems. Both equip students with effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

Mathematicians and statisticians use symbols, graphs, and diagrams to help them find and communicate patterns and relationships, and they create models to represent both real-life and hypothetical situations. These situations are drawn from a wide range of social, cultural, scientific, technological, health, environmental, and economic contexts.

Mathematics – Pangarau

Mathematics and Statistics equips ākonga with skills that will be put to use in all potential pathways following secondary school. Numerical literacy will enable measurement and calculation of quantity, time, and space, as well as the foundations of financial literacy. These skills underpin many scenarios beyond the classroom. Ākonga enhancing their mathematical and statistical capabilities will empower not only themselves, but also their whānau and wider communities.

For students moving into employment, pathways include:

business and retail,
health and community care,
agriculture and horticulture,
defence force, marketing and
social media, trades, hospitality.

For students moving into further studies, Mathematics and Statistics provide foundation for:

Data Science and Modelling,
Computer Science,
Design and Programming,
Engineering,
Environmental and Earth Studies,
Finance and Social Sciences,
Science and Technology, Education.

Career and Learning Pathways

1MATH - Mathematics and Statistics

Mathematics involves solving problems using a variety of methods. In this course we will focus on modelling, analysing, and interpreting the world in which we live by exploring and applying skills in number, algebra, geometry, measurement, statistics, and probability.

Our course outline includes:

•Statistical investigations, “Can taller people jump higher?”

•Project-based Maths, exploring Tiny House designs.

•Statistical Literacy, “NZ aims to use 100% of its energy from renewable energy by 2030, does this data support this claim?”

•Mathematical reasoning and problem solving.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS91944	Explore data using a statistical enquiry process.	Int	5	Y			
AS91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific region.	Int	5	Y			
AS91946	Interpret and apply mathematical and statistical information in context.	Ext	5	Y			
AS91947	Demonstrate mathematical reasoning.	Ext	5	Y			
This course leads to a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**			

2MATH - Mathematics and Statistics

This course prepares students for a pathway towards Level 3 Mathematics (either Calculus or Statistics). Level 2 Maths can also offer an alternative programme for students that are pursuing a Trade qualification. Assessments for the Statistics or Trades pathway will differ from the ones stated below.

2MATH is an exciting course where you can maintain and further develop your problem-solving skills learnt in previous years. In this course, we explore how different mathematical principles apply to anything and everything, and thus how to actively use mathematics in everyday life.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS91256	Apply co-ordinate geometry methods in solving problems.	Int	2	Y			
AS91259	Apply trigonometric relationships in solving problems.	Int	3	Y			
AS91261	Apply algebraic methods in solving problems.	Ext	4	Y			
AS91262	Apply calculus methods in solving problems.	Ext	5	Y			
This course leads to a Level 3 approved UE subject.		**Total**	**14**	**NCEA Credit Key**			

3MATH - Mathematics and Statistics

Mathematics at Level 3 combines problem solving, analytical thinking and enquiry skills.

In 3MATH, students can either focus on a Calculus or Statistics pathway. The course outline for the Calculus focus is stated below. There is also the option to exchange or add other assessments (Linear Programming and Complex Numbers).
For the Statistics pathway the Differentiation and Integration exams will be exchanged with a Bivariate Data investigations assessment and the Probability exams. There is also the option to exchange or add other assessments (Probability Distributions).

A minimum of 9 credits at Level 2 Maths (including at least 4 credits from an Ext assessment) are required for this course.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS91573	Apply the geometry of conic sections in solving problems.	Int	3	Y			
AS91587	Apply systems of simultaneous equations in solving problems.	Int	3	Y			
AS91578	Apply differentiation methods in solving problems.	Ext	6	Y			
AS91579	Apply integration methods in solving problems.	Ext	6	Y			
This course is a Level 3 approved UE subject.		**Total**	**18**	**NCEA Credit Key**			

Outdoor Education – Matauranga o Waho

Outdoor education includes learning skills in specific outdoor activities like sea kayaking and tramping. It also includes developing an appreciation of the local area, learning the stories and how the environment is connected to where they live. Outdoor activities foster the personal and social development of ākonga through experiences involving: co-operation, trust, problem solving, decision making, goal setting, communication, leadership responsibility and reflection.

Outdoor Education – Matauranga o Waho

Outdoor Education at Raglan Area School provides a learning environment that empowers, celebrates diversity and instills a deep respect for our environment. The course serves as a transformative platform for students to develop a holistic set of essential life skills, develop self management and build resilience. Through immersive experiences in natural settings, students cultivate a positive attitude by embracing the challenges and uncertainties of outdoor activities with enthusiasm.

Communication skills are honed as they navigate unfamiliar terrain, relying on effective verbal and non-verbal communication to coordinate tasks and ensure group safety. Teamwork becomes intrinsic as students collaborate during adventure-based activities, fostering a sense of shared responsibility and cooperation. The demands of outdoor exploration require **self-management** skills, teaching students to organise and prioritise tasks, manage resources and make decisions independently. **Problem-solving** skills are naturally enhanced as individuals encounter unexpected obstacles, stimulating critical thinking and adaptability. Perhaps most significantly, exposure to the unpredictability of the outdoors builds **resilience**, instilling in students the ability to bounce back from setbacks and face challenges with determination and confidence.

Outdoor education at Raglan Area School can complement students with a more academic pathway to balance their curriculum and offer some more practical hands on learning. It can also provide students with a pathway towards work in the adventure tourism and guiding industry or a pathway to further study in Outdoor Education at a tertiary level.

Career and Learning Pathways

10UED - Outdoor Education

This is an exciting course for students who are interested in the outdoors and our environment. Students are introduced to a range of units and develop skills through a mixture of practical and theory work. This course will appeal to students who want to be active, adventurous and to challenge themselves. It will foster a connection to the natural world. This course can offer pathways for further education in guiding, adventure tourism and conservation, among others.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US20818	Demonstrate paddling a craft on flat water	**Int**	2		
US32837	Demonstrate knowledge of introductory preparation for an outdoor activity	**Int**	2		
US20157	Demonstrate novice rock climbing and belaying skills on Ewbank Grade 12 and above	**Int**	2		
US20152	Demonstrate basic knowledge of safe abseil techniques	**Int**	1		
US32834	Demonstrate introductory knowledge of weather, the Land Safety Code, and maps in the outdoors	**Int**	3		
US426	Participate in an overnight camp	**Int**	2		
US457	Demonstrate mountain biking skills on grade 2 terrain	**Int**	2		
US425	Participate in a day tramp	**Int**	2		
This course does not lead to a Level 3 approved UE subject.				**NCEA Credit**	

2OUED - Outdoor Education

At Year 12 skills are developed further and students are introduced to other vital outdoor skills. Students build on their abilities in sea kayaking, bushcraft and survival. Caving and canoeing are the new skills introduced. Students will have the opportunity to gain more independence when planning and preparing for trips and get to put their learning from previous years into practice. The year is wrapped up with constructing their own hoe (paddle) and using it to canoe down the Whanganui River - one of the New Zealand Great walks

Students must have completed level 1 Outdoor Education or year 10 Duke of Edinburgh or equivalent experience to enrol in this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US32843	Demonstrate understanding of how personal actions influence group functioning in an outdoor activity	**Int**	3		
US32848	Demonstrate paddling skills on moving water	**Int**	2		
US476	Roll a decked paddle craft on flat water	**Int**	2		
US32835	Demonstrate knowledge of weather information, introductory survival skills and the use of maps in the outdoors	**Int**	3		
US20133	Demonstrate basic caving skills	**Int**	2		
US32840	Demonstrate knowledge of preparation for an outdoor activity	**Int**	3		
US22015	Design and construct clothing or equipment for use in the outdoors	**Int**	2		
US26249	Demonstrate skills for an overnight tramp	**Int**	2		
This course does not lead to a Level 3 approved UE subject.		**Total**	**19**	**NCEA Credit Key**	

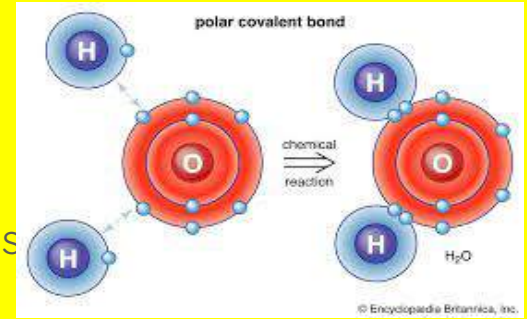
3OUED - Outdoor Education

By Year 13 students have a sound skill base and start to develop more independence around the outdoors, take more responsibility in trip planning and leading younger students. The course has some flexibility, the students take the lead in planning the contexts and locations of their assessment trips. The course will be made up of between 17-20 credits that will be finalised by the students at the start of the year when they plan their assessment schedule.

Students must have completed a Level 1 or Level 2 outdoor education course or equivalent experience in order to enrol in this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US32836	Demonstrate knowledge of weather patterns, survival skills and navigation in the outdoors	Int	3		
US32850	Participate in and evaluate a self-contained multi-day trip in an outdoor context	Int	3		
US427	Demonstrate crossing rivers	Int	2		
US20150	Demonstrate top rope rock climbing and belaying skills on Ewbank Grade 14 and above	Int	2		
US20149	Lead climb on single-pitch rock routes with bolts and in-situ anchors	Int	2		
US26243	Demonstrate a managed abseil descent with secondary protection	Int	1		
US32841	Prepare for an overnight outdoor activity	Int	3		
US32845	Work with others to plan and lead school students in an outdoor activity	Int	3		
This course is not a Level 3 approved UE subject.		Total	18	**NCEA Credit Key**	

Science – Pūtaiao



LEARNING PATHWAYS FOR SCIENCE:

Practical Investigations:

Students will conduct experiments to gather data, analyze results, and draw conclusions, developing their scientific investigation skills.

Data Analysis:

Analyzing data using graphical methods and other techniques is a key part of the course.

Real-World Applications:

Students will explore how physics principles are applied in various fields and everyday situations.

Problem Solving:

Science strengthens problem-solving skills through the application of physics concepts and mathematical techniques.

Subjects available - Level 1 Science and Horticulture, Level 2 and 3 Physics, Biology and Horticulture.
Level 2 and 3 Chemistry available through Te Kura.

1Sci - Year 11 Level 1 Science

Mā te whakaaro nui e hanga te whare; mā te mātauranga e whakaū.
Big Ideas create the house; knowledge maintains it.

Ākonga will develop their understanding of the above Big Ideas about Science through a variety of contexts which are relevant to their lives in Aotearoa New Zealand and the Pacific. Ākonga will appreciate that science is practised by every culture and that connections across cultural knowledges enrich our understanding.

Course outline

- use simple scientific processes to develop questions and investigate the taiao through a variety of different approaches
- compare and contrast different scientific methods used to explore the taiao
- compare, contrast, and evaluate (individually or through talanoa or wānanga) the suitability of the scientific methods used to explore the taiao

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
91920	Develop a science-informed response to a local socio-scientific issue	Int	5		Y		
92046	Demonstrate understanding of the effect on the Earth of interactions between the Sun and the Earth-Moon system	Ext	5				
92021	Demonstrate understanding of the effect on the Earth of interactions between the Sun and the Earth-Moon system	Int	6				
This course does lead to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**			

2Phys - Level 2 Physics

This course prepares students for a pathway towards Level 3 Physics.
Level 2 Physics builds upon the concepts introduced in Level 1 Science or Physics, delving deeper into mechanics, electricity, waves, and atomic/nuclear physics. It emphasizes practical investigations, data analysis, and real-world applications of physics principles. This course provides a foundation for further study in science, engineering, and related fields.

Course outline

•Planning and carrying out Science investigations
•Research Physics concepts and socio-scientific issues
•Exam opportunities in Mechanics, Waves and Electricity and Magnetism

There are no prerequisites for this course.

Key Topics Covered:

Mechanics:
This includes motion, forces, energy, projectile motion, and circular motion.

Electricity and Electromagnetism:
Students explore static electricity, direct current (DC) circuits, and electromagnetism.

Waves:
Light and sound waves are investigated, including their properties and behavior.

Atomic and Nuclear Physics:
An introduction to the structure of the atom and the basics of nuclear physics.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship, with direction	Int	4		
91169	Demonstrate understanding of physics relevant to a selected context	Int	3		
91172	Demonstrate understanding of atomic and nuclear physics	Int	3		
91170	Demonstrate understanding of waves	Ext	4		
91171	Demonstrating understanding of mechanics	Ext	6		
91173	Demonstrate an understanding of electricity and magnetism	Ext	6		
This course leads to a Level 3 approved UE subject.		**Total**	**Max 26**	**NCEA Credit Key**	

3Phys - Level 3 Physics

NCEA Level 3 Physics (in New Zealand) builds on Level 2, deepening understanding of physical concepts and laws. It focuses on applying these to solve real-world problems, particularly in mechanics, waves, and electricity, with an introduction to modern physics. Practical work, experiments and problem-solving are crucial components.

Course outline

- Planning and carrying out Science investigations
- Research Physics concepts and socio-scientific issues
- Exam opportunities in Mechanics, Waves and Electricity and Magnetism

There are no prerequisites for this course. However study of Level 2 Physics is advised.

Key Areas of Study:

Mechanics:

This includes translational, rotational, and simple harmonic motion, potentially covering topics like momentum, circular motion, and resonance.

Wave Systems:

Focuses on wave properties like interference, diffraction, and the Doppler effect.

Electrical Systems:

Covers both Direct Current (DC) and Alternating Current (AC) circuits, electromagnetism, and potentially electromagnetic induction.

Modern Physics:

Introduces concepts from fields like quantum mechanics, atomic physics, and potentially special relativity.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	Int	4		
91522	Demonstrate understanding of the application of physics to a selected context	Int	3		
91527	Use physics knowledge to develop an informed response to a socio-scientific issue	Int	3	Y	
91523	Demonstrate understanding of wave systems	Ext	4		
91524	Demonstrating understanding of mechanical systems	Ext	6		
91525	Demonstrate an understanding of electrical systems	Ext	6		
This course is a Level 3 approved UE subject.		**Total**	**Max 26**	**NCEA**	

1 Hort- Year 11 Horticulture

Horticulture level 1 is a combination of outdoor restoration work, a written assessment, and a trapping and pest control unit

There is no prerequisite for this class.

It is recommended that you are interested in the outdoors and like hands on practical time.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
2765	Plant trees or shrubs	Int	5		
29338	Prepare and use traps to control rural pest animal	Int	10		
This course does not lead to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

2 Hort- Year 12 Horticulture

Horticulture is and option subject at year 12

Horticulture level 2 is a combination of outdoor restoration work, a written assessment, and a trapping and pest control unit

There is no prerequisite for this class. It is recommended that you are interested in the outdoors and like hands on practical time.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91735	Evaluate measures that may be taken to sustain and/or improve a biophysical environment	Int	4	Y	
29338	Prepare and use traps to control rural pest animal	Int	10		
2765	Plant trees or shrubs	Int	5		
This course does not lead to a Level 3 approved UE subject.		**Total**	**19**	**NCEA Credit Key**	

3 Hort- Year 13 Horticulture

Horticulture is an option subject at year 13

There is no prerequisite for this class.

Horticulture level 3 is a combination of outdoor restoration work, a written assessment, and a trapping and pest control unit with The Karioi project.

There is no prerequisite for this class. It is recommended that you are interested in the outdoors and like hands on practical time.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
27210	Identify and describe weeds, and methods of prevention and control	Int	6	Y	
TBC	Trapping standard-with the Karioi Project	Int	10		
This course is not a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

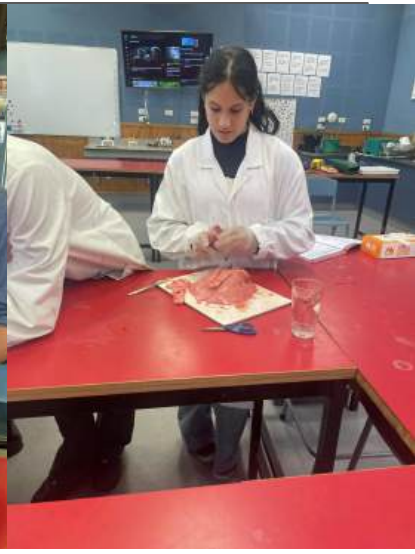
2Bio - Level 2 Biology

Biology is an option subject at Year 12.

This course prepares students for a pathway towards Level 3 biology.

Biology Level 2 is a combination of field work, practical work (including dissection), and an Ext exam on cell biology.

Science level 1 (which is compulsory) is a prerequisite for this course



Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91160	Investigate biological material at a microscopic level	Int	3		
91155	Demonstrate understanding of adaptations of plants and animals to	Int	3		
91158	Investigate a pattern in and ecological community, with supervision	Int	4		
91156	Demonstrate understanding of life processes at the cellular level	Ext	4		Y
This course leads to a Level 3 approved UE subject.		**Total**	**14**	**NCEA Credit Key**	

3Bio - Level 3 Biology

Biology level three is a combination of an Ext exam on human evolution, a self-chosen topic on a current socio-scientific issue in biology, and a hands-on practical investigation and a theory-based assignment on homeostasis.

Biology level two is a prerequisite for this course- If student does not have this a conversation with the biology HOD is required before entry to this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
91601	Carry out a practical investigation in a biological context with guidance	Int	4		
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	Int	3	Y	
91604	Demonstrate understanding of how an animal maintains a stable Int environment	Int	3	Y	
91606	Demonstrate understanding of trends in human evolution	Ext	4	Y	Y
This course is a Level 3 approved UE subject.		**Total**	**14**	**NCEA Credit Key**	

Social Sciences – Tikanga-ā-iwi

Social Studies is about people — who they are, what they do, how they change, and what happens to them. The subject's purpose is for ākonga to develop understanding, knowledge, and skills in relation to social, cultural, economic, and political processes. This enables ākonga to participate in society as critically informed, ethical, and empathetic citizens with a concern for and commitment to the wellbeing of whānau, hapū, iwi, hapori, and wider society. Social Studies emphasises experiences in Aotearoa New Zealand and the Pacific region, and connectedness with the wider world. social inquiry and social action are integral to Social Studies.

Social Studies

Social Sciences – Tikanga-ā-iwi

Skills developed through Social Studies transfer to life and employment. They include:

- communication skills
- teamwork and collaboration skills
- problem-solving and decision-making
- resilience
- emotional intelligence
- empathy
- critical thinking and reflection
- planning and organisation.

Beyond school, Social Studies can prepare ākonga for further education and training related to careers in a range of pathways such as:
social and community services such as human resources manager, policy advisor & analyst, settlement worker, nurse, lawyer, researcher, advocate, entrepreneur, international relations advisor services such as administrator, liaison, support worker, emergency services

Creative industries such as actor, director, event manager, presenter, author, copywriter, communications advisor

Primary industries such as assurance manager, consultant, technician
construction and infrastructure such as manager, engagement advisor, consultant, surveyor
manufacturing and technology such as technician, games developer, software developer, administrator.

Career and Learning Pathways

Level 1 Social Studies

Social Science looks at Human Rights and the different ways in which you can help make a difference for others.
In Level 1 Social Science we investigate issues that are of concern both here in Aotearoa and around the world. Looking at topical issues and exploring possible resolutions, we will also explore differing points of view and the values and the ideologies that influence them.

Course outline:

- Social inquiries on contemporary social issues.
- Looking at human rights in relation to social actions in Aotearoa and abroad.
- Creating a social action in relation to relevant social issues and actions.

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
AS92048	Demonstrate understanding of findings of a Social Studies inquiry.	Int	5		Y		
AS92049	Demonstrate understanding of perspectives on a contemporary social issue.	Ext	5				
AS92050	Demonstrate understanding of decisions made in relation to a contemporary social issue.	Ext	5		Y		
AS92051	Describe a social action undertaken to support or challenge a system.	Int	5		Y		
This course leads to a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**			

Level 2 Social Studies

Level 2 Social Sciences builds upon the skills developed in Level 1. Therefore it is preferred, but not essential, that you have completed Level 1 before starting this course.

We explore more in depth and complex issues in society, while looking at points of views, values and perspectives, along with their causes and effects for society.

Course outline:

- Social inquiries on a topical world wide focus
- Looking at human rights issues both in Aotearoa and abroad
- Creating a social action around a contemporary global issue
- Looking in depth into a historical event in Aotearoa's history

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91280	Conduct a reflective social inquiry.	Int	5	Y	Y
AS91282	Describe a personal involvement in a social action related to rights and responsibilities.	Int	5	Y	
AS91283	Describe a social action that enables communities and/or nations to meet responsibilities and exercise rights.	Int	4	Y	
AS91279	Demonstrate understanding of how ideologies shape society	Ext	4	Y	
AS91281	Describe how cultural conflict(s) can be addressed	Ext	4		Y
This course leads to a Level 3 approved UE subject.		**Total**	**22**	**NCEA Credit Key**	

Level 3 Social Studies

Level 3 Social Sciences builds upon the skills developed in Level 1 & 2. Therefore it is preferred that you have completed at least Level 2 before starting this course.

We delve into more complex and at times controversial ranges of issues. In past years we have explored the genocide happening in West Papua with the Free West Papua campaign and the controversy within the Legalize Love campaign here in Aotearoa. The focus of Level 3 is to understand how individuals and groups can influence social change at local, national and global levels; therefore seeking solid solutions for issues in society.

Course outline:

- Social inquiries on a contemporary social issue.
- Looking at human rights issues both in Aotearoa and abroad, and how Government policy can influence the outcomes for society.
- Creating a social action around an important global issue in order to influence how policies are amended.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91597	Conduct a critical social inquiry	Int	6	Y	
AS91599	Examine personal involvement in a social action(s) that aims to influence policy change(s).	Int	6	Y	
AS91600	Examine a campaign of social action(s) to influence policy change(s).	Int	4	Y	
AS91598	Demonstrate understanding of how ideologies shape society	Ext	4	Y	Y
AS91596	Demonstrate understanding of ideological responses to an issue	Ext	4	Y	
This course is a Level 3 approved UE subject.		**Total**	**24**	**NCEA Credit Key**	

Te Ao Māori

Te Ao Māori is a vibrant and enriching experience where students engage meaningfully with Māori culture and perspectives. Learning includes te reo Māori, hands-on activities such as rāranga (weaving), and storytelling through tukutuku patterns — all of which allow students to connect, create, and express themselves. Waka Ama introduces students to the importance of teamwork and the historical significance of waka in Māori society. In addition, students explore current events in Aotearoa, gaining insights into Māori views on national issues. This holistic approach fosters appreciation and respect for Māori culture, helping students to see the world through a Te Ao Māori lens.

Te Reo Māori

Te Reo Māori / Te Ao Māori

Te Reo Māori is the key to understanding the Māori world. Te Reo Māori lays the foundation of communicative skills and cultural knowledge to enable students to be bilingual and bicultural with an appreciation and consideration of a Māori worldview. The five main language skills necessary for effective communication, namely listening, speaking, reading, writing, and cultural awareness, are interrelated, and this will be reflected in the teaching and learning programme for Te Reo Māori.

Career Pathways:

Secondary School Teacher

Barrister

Translator

Tour Guide

Workplace Relations Advisor

Solicitor

Moko Artist

Radio Presenter

Art Director (Film, Television, Stage)

Cultural Advisor

Linguist

Level 1 - Te Ao Māori

Te Ao Māori is an optional subject at NCEA Level 1. It would be beneficial for ākonga to have some foundational knowledge in Te Ao Māori at this level, however, it is not a prerequisite. If ākonga are willing to learn and embrace te ao Māori, te reo Māori and the culture, they are more than welcome to be part of this course.

Course Content:

This course will further develop students' competence in:

- Listening, speaking, reading, and writing Te Reo Māori
- Understanding important and relevant issues in Aotearoa and abroad
- Utilising everyday phrases and idioms
- Develop skills and knowledge of waka ama both practical and written

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
US30735	Kōrero kia taumata tūāpapa te reo Māori	Int	4				
US30739	Pānui kia taumata tūāpapa te mohiotanga ki ngā tunhinga reo Māori	Int	4				
US30744	Tuhituhi kia taumata tūāpapa ngā tuhinga reo Māori mō te ao tūroa o te ākonga	Int	4				
US30747	Whakarongo kia taumata tūāpapa te mohiotanga ki te reo Māori	Int	3				
This course does not lead to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**			

Level 2 - Te Ao Māori

Te Ao Māori is an optional subject at NCEA Level 2. It is beneficial for ākonga to have foundational knowledge in Te Reo Māori and NCEA Level 1. Te Reo Māori will be an advantage. If ākonga do not come with any knowledge of Te Reo Māori, they will find this level difficult to achieve. Discussions for consideration are welcome.

Course Content:

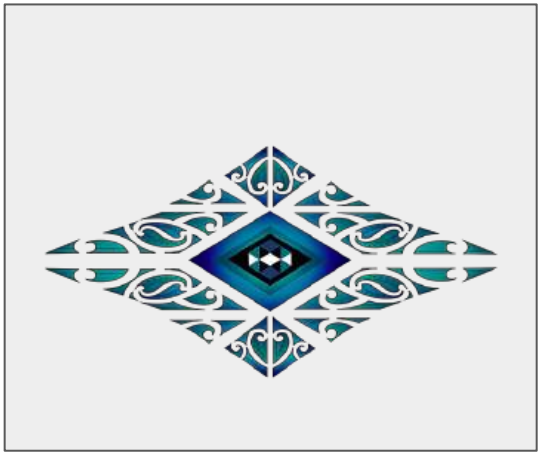
This course will further develop students' competence in:

- Listening, speaking, reading, and writing Te Reo Māori
- Understanding important and relevant issues in Aotearoa and abroad
- Utilising everyday phrases and idioms
- Demonstrate skills and knowledge of waka ama both practical and written

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
US27509	Describe manaaki in terns of the interactions between the tangata whenua and manuhiri in a marae wharekai.	Int	4				
US27510	Identify customary kai Māori and describe its gathering process	Int	4				
US31159	Demonstrate knowledge of traditional and customary kai Māori	Int	4				
US32185	Demonstrate knowledge and expressions of manaakitanga	Int	3				
This course does not lead to a Level 3 approved UE subject.		**Total**	15	**NCEA Credit Key**			

Level 3 - Te Ao Māori

Te Ao Māori is an optional subject at NCEA Level 3. Ākonga must have foundational knowledge in Te Reo Māori and NCEA Level 2. If ākonga do not come with any knowledge of Te Reo Māori, they will find this level difficult to achieve. Discussions for consideration are welcome.



Ākonga of Te Ao Māori, along with learning tīkanga Māori, will develop and apply a range of communicative skills in various contexts. This will enable them to express their thoughts in te reo Māori with accuracy, fluency, and cultural integrity. In the 3MAOR course, ākonga can choose to focus on Te Ao Māori or pursue a University Entrance (UE) approved pathway. Te Ao Māori offers unit standards, and the course outline is provided below. There are additional assessments available for the UE approved pathway.

Course Content:
This course will further develop students' competence in:

- Listening, speaking, reading, and writing Te Reo Māori
- Understanding important and relevant issues in Aotearoa and abroad
- Identify and demonstrate unique aspects of te ao Māori
- Demonstrate knowledge and expressions of whanaungatanga, wairuatanga and manaakitanga

Standard	Standard Title	Int/Ext	Credits	Co-Req		UE Lit	
				Num	Lit	R	W
32181	Demonstrate knowledge and expressions of whanaungatanga	Int	5				
32183	Demonstrate knowledge and expressions of wairuatanga	Int	5				
32185	Demonstrate knowledge and expression of manaakitanga	Int	5				

Technology - Hangarau

Technology is intervention by design. It uses intellectual and practical resources to create technological outcomes that expand human possibilities by addressing needs and realising opportunities. With its focus on design thinking, technology education supports students to be innovative, reflective, and critical in designing new models, products, software, systems, and tools to benefit people while taking account of their impact on cultural, ethical, environmental, and economic conditions.

Digital Technologies - Design and Visual Communication - Food Technology - Material Processing - Construction

Technology - Hangarau

Digital Technologies lead to careers in software development, cybersecurity, data analysis, animation, graphic design, and digital media design. Further learning options include graduate study in areas such as computer science, digital media, game design, AI, and networking. As technology continues to evolve, there are increasing opportunities in fields like machine learning, game development, and cloud computing.

Design and Visual Communication opens pathways into architecture and product design. Higher education options include design degrees, architecture programs, and digital media courses. Strong visual communication skills are highly valued in industries such as marketing, advertising, and user experience (UX) design.

Food Technology can lead to roles in food science, nutrition, hospitality, and product development. Further study includes culinary school, food science degrees, or hospitality management. With a growing focus on sustainability and health, careers in food technology also include research in alternative proteins, food safety, and sustainable packaging.

Material Processing supports careers in cabinetry, metalworking, engineering, and industrial design. Advanced learning can be pursued through apprenticeships, engineering courses, and trade certifications. These skills are essential in manufacturing, custom furniture making, and even the automotive and aerospace industries.

Construction provides opportunities in building, project management, and civil engineering. Further study includes trade apprenticeships, diplomas in construction management, or degrees in civil engineering and architecture. With advancements in sustainable building materials and smart technology, careers in green construction and infrastructure development are also growing.

Career and Learning Pathways

1DIGI - Digital Technologies

If creating original and exciting things using digital tools sounds cool then Digital Technologies is for you. If you have a passion for something creative we can make it happen!

In NCEA Level 1 Digital Media and Technologies, you will complete three different projects. In Term 1, you will learn Python programming and develop a computer program to solve a particular problem. In Term 2, you will learn about product design and how to create designs for a digital product of your choice. Finally, in Term 3, you will learn to develop the digital product itself. What you choose to design and develop is up to you. Previous projects have included video games, music production, short films, product advertising, clothing design, book cover design, digital art, and more.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS92004	Create a computer program.	Int	5		
AS92005	Develop a digital technologies outcome.	Int	5		
AS92007	Design a digital technologies outcome..	Ext	5		
This course leads to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

2DIGI - Digital Technologies

What is your passion? Game development, music videos, surf films, clothing design, music production, and more - if you can create it digitally, we can make it a Level 2 project!

Creating a great digital media project starts with finding a problem, need, or opportunity to work on. Next, you research what users like, similar products, design conventions, and implications to help plan your approach. Using what you've learned, you create and improve different design ideas, making changes step by step. Advanced digital tools and techniques help bring your project to life as you develop your final outcome. You will need to manage your project well, test your designs with users, and think carefully about what works best. Assessments are carried out using your developed designs and outcomes alongside your work journal and an Ext exam.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91891	Apply conventions to develop a design for a digital technologies outcome.	Int	3		
AS91897	Use advanced processes to develop a digital technologies outcome.	Int	6		
AS91893	Use advanced techniques to develop a digital media outcome.	Int	4		
AS91899	Present a summary of developing a digital outcome.	Ext	3		
This course leads to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

3DIGI - Digital Technologies

What is your passion? Game development, music videos, surf films, clothing design, brand design, and more - if you can create it digitally, we can make it a Level 3 project!

Creating a great digital media project starts with finding a problem, need, or opportunity to work on. Next, you research user experience methods, user needs, design conventions, and implications to help plan your approach. Using what you've learned, you create and improve different design ideas, making changes step by step. Complex digital tools and techniques help bring your project to life as you develop your final outcome. You need to manage your project well, test your designs with users, and use iterative improvement to take your work to the next level. Assessments are carried out using your developed designs and outcomes alongside your work journal and an Ext exam.

1DIGI or 2DIGI is a recommended prerequisite for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91901	Apply user experience methodologies to develop a design for a digital technologies outcome.	Int	3		
AS91907	Use complex techniques to develop a digital outcome.	Int	6		
AS91903	Use complex techniques to develop a digital media outcome.	Int	4		
AS91909	Present a reflective analysis of developing a digital outcome.	Ext	3		
This course is a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

1 - DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication is about the interrelated strands of design thinking, visual communication, and design heritage.

Design encompasses the ideation, exploration, progression, and communication of design ideas into potential outcomes that serve a specific purpose, provide innovative possibilities, and can be informed by design heritage and a designer's perspective.
Within Design and Visual Communication, design consists of product design and spatial design.

Course outline
• The Y11 DVC course will be designed around the students' wishes and needs
•The basic course will offer 15 credits at Level 1
•Two Int assessments and one Ext assessment

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS92000	Generate product or spatial design ideas using visual communication techniques in response to design influences	INT	5		
AS92001	Use representation techniques to visually communicate own product or spatial design outcome	INT	5		
AS92002	Develop product or spatial design ideas informed by the consideration of people	EXT	5		
This course leads to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

2 - DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication is about the interrelated strands of design thinking, visual communication, and design heritage.
Design encompasses the ideation, exploration, progression, and communication of design ideas into potential outcomes that serve a specific purpose, provide innovative possibilities, and can be informed by design heritage and a designer's perspective.
Within Design and Visual Communication, design consists of product design and spatial design.

The prerequisite for this course is Level 1 or at least Y10 DVC..
Course outline
• The Y12 DVC course will be designed around the students' wishes and needs
•The basic course will offer 15 credits, 6 of these credits are Level 3.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91340	Use the Characteristics of a design movement or era to inform own design ideas	Int	3		
AS91342	Develop a product design through graphics practice	Int	6		
AS91630	Level 3. Resolve a product design through graphics practice	Int	6		
This course leads to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

3 - DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication is about the interrelated strands of design thinking, visual communication, and design heritage.
Design encompasses the ideation, exploration, progression, and communication of design ideas into potential outcomes that serve a specific purpose, provide innovative possibilities, and can be informed by design heritage and a designer's perspective.
Within Design and Visual Communication, design consists of product design and spatial design.

The prerequisite for this course is Level 2 DVC.

Course outline

• The Y13 DVC course will be designed around the students' wishes and needs
•The basic course will offer 12 credits at Level 3
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Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91360	Resolve a product design through graphics practice	Int	6		
AS91629	Resolve a spatial design through graphics practice	Int	6		
This course is not a Level 3 approved UE subject.		**Total**	**12**	**NCEA Credit Key**	

Level 1- Food Technology

Using food as the context, students will understand how materials and processing practices impact on people by considering the following principles: kotahitanga, whanaungatanga, manaakitanga, kaitiakitanga and tikanga (teamwork, relationships, respect towards others, sustainability and Te Ao Maori. They will learn to be respectful and open-minded whilst considering the cultural safety of themselves and others.

Course Content

•learning about the safe use of chosen materials, tools, and equipment whilst developing an outcome that addresses a need and is fit for purpose
•considering the impact of the outcome on the end user(s)
•understanding the importance of caring for the land and the people by using sustainable practices
•developing research and innovation skills through technological practice

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS92012	Develop a Materials and Processing Technology outcome in an authentic context	Int	6		
AS92013	Experiment with different materials to develop a Materials and Processing Technology outcome	Int	6		
AS92014	Demonstrate understanding of sustainable practices used in the design and development of a Materials and Processing Technology outcome	Ext	4		
AS90960	Demonstrate understanding of how an individual, the family and society enhance each other's wellbeing	Ext	4		
This course leads to a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**	

Level 2 - Food Technology

It would be beneficial for students to have completed the Level 1 Food Technology course, however this is not mandatory. Food Technology at Level 2 provides opportunities for students to develop a deeper understanding about the food industry. They will gain the necessary skills and knowledge to be able to progress to the NCEA Level 3 Food Technology course at school.

Course Content

•Understanding about and consideration for sourcing, purchasing, transporting, packaging, storing, and processing food both safely and sustainably

•Technological solutions are used to solve practical problems.

• Exploring and comparing both the similarities and the differences between food produced commercially and food made in a home setting

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91351	Implement advanced procedures to process a specified product	Int	4		
AS91352	Demonstrate understanding of advanced concepts used in processing	Int	4		
AS91353	Demonstrate understanding of advanced concepts used in preservation and packaging for product storage	Int	4		
AS91300	Analyse the relationship between wellbeing, food choices and determinants of health	Ext	4		
This course leads to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

Level 3 - Food Technology

Level 2 Food Technology is an essential prerequisite to enable a successful outcome at this level.. Food Technology at Level 3 provides opportunities for students to hone their skills and use of equipment to create food products that are technically more difficult to execute. Trialling and testing are an important aspect of the learning.
Assessments are carried out by observations, written portfolios containing evidence of learning and a report based on research.

Course Content:

•exploring the importance of meeting specifications through trialling using replicated testing
•deepening understanding of combined food preservation techniques
•evaluating materials to develop a food prototype that is fit for purpose in a specific situation

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91643	Implement complex procedures to process a specified product	Int	6		
AS91644	Demonstrate understanding of combined preservation mechanisms used to maintain product integrity	Int	4		
AS91611	Undertake effective development to make and trial a prototype	Int	6		
AS91471	Analyse the influences of food advertising on wellbeing	Ext	4		Y
This course is a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**	

1TEC - Materials processing technology MPT

Course outline

•Explore and experiment with a range of techniques, processes and materials in order to help make design decisions within an authentic context. (Designing a product for a real need or customer.)
•Complete a design proposal and evaluate it with your customer or end user.
•Understand and safely apply basic workshop techniques.
•Create a report under exam conditions, demonstrating understanding of sustainable practices in the development of your design outcome.
•Complete a report under exam conditions explaining the techniques and processes that you have used in making of your product.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS92013	Develop a Materials and Processing Technology outcome by transforming, manipulating, or combining different materials	INT	6		
AS92012	Develop a Materials and Processing Technology outcome for an authentic context	INT	6		
AS92015	Demonstrate understanding of materials and techniques for a feasible Materials and Processing Technology outcome	EXT	4		
AS92014	Demonstrate understanding of sustainable practices in the development of a Materials and Processing Technology design	EXT	4		
This course leads to a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**	

2TEC - Prototype, plan and manufacture.

Course outline

Students will be supported to select a possible project idea that will allow them to create a prototype that has a special feature.

The students will work on a prototype design and explore a range of techniques and materials that will support the project development.

Using a planning method, students can plan and prepare a clear process towards development and manufacture of a refined and final project outcome.

Students will benefit from having previous experience within a workshop along with excellent self management skills in order progress safely.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91344	Implement advanced procedures using resistant materials to make a specified product with special features	INT	6		
AS91355	Implement advanced procedures using resistant materials to make a specified product with special features	INT	4		
AS91357	Undertake effective development to make and trial a prototype	INT	6		
This course leads to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

3TEC - Prototype, plan and manufacture.

Course outline

•This course has been designed for students who have a high level of skill and ability. Therefore, there is an expectation that students have completed the Level 2 programme or an equivalent.
•Students will be undertaking a detailed and refined project development and manufacture. They will be using CNC equipment to manufacture component parts for their chosen project.
•The course will lead towards University or Polytechnic study along with apprentice training and entry into the workforce.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
AS91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	INT	6		
AS91622	Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine	INT	4		
AS91623	Implement complex procedures to create an applied design for a specified product	INT	4		
AS91613	Demonstrate understanding of materials development	EXT	4		
This course is a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

1TEC - BCATS Level 1 Construction

Course outline

This course is an alternative study option for Level 1 students. It is a unit standard course and allows students investigate the world of construction and furniture making.

The course is mainly focused on wood construction but does offer experience with engineering materials and processing along with an introduction into concrete and composites.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US24352	Demonstrate and apply knowledge of safe working practices and use of PPE during the construction of a BCATS project	INT	2		
US24356	Apply elementary procedures and processes for a BCATS project	INT	8		
US25920	Use joints for a BCATS project	EXT	3		
US31813	Complete basic concrete works as a BCATS project	EXT	4		
This course does not lead to a Level 3 approved UE subject.		**Total**	**17**	**NCEA Credit Key**	

2TEC - BCATS Level 2 Construction

Course outline

The BCATS Level 2 course allows students to explore a wide range of construction techniques and processes.

There are number of different projects available for the students from furniture to a small timber framed building.

For some students, further qualifications such as concreting can be available as the course progresses.

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US12927	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	INT	6		
US12936	Construct a non-consent timber framed utility building as a BCATS project	INT	8		
US24352	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project	INT	2		
This course does not lead to a Level 3 approved UE subject.		**Total**	**16**	**NCEA Credit Key**	

3TEC - BCATS Level 3 Construction

Course outline

Students will work on a major construction project and keep a record of their work throughout the year.

Success at Level 3 will allow students to progress towards Level 4 tertiary qualifications or apprenticeship.

The Level 3 course is designed for students who have completed the Level 2 BCATS programme or an equivalent.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US29684	Undertake a Stage 3 BCATS project	INT	12		
US2962	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	INT	4		
This course is not a Level 3 UE approved subject.		**Total**	**16**	**NCEA Credit Key**	

Vocational Pathways

Creative Industries Pathway

Primary Industries Pathway

Service Industries Pathway

Social & Community Pathway

Manufacturing & Technology Pathway

Building & Construction Pathway

The Vocational Pathways provide framework for students to show how their learning and achievement is valued in the workplace. Vocational Pathway is a tool that help you to see how your strengths, interests and achievements relate to future study options and job opportunities. The pathways provide clear study options that are valued by employers and show you what employers expect you to achieve in your learning. The vocational pathways divide the working world into 6 broad sectors which are linked to standards and qualifications.

Gateway

The Gateway Programme is designed for senior students. I provides structured workplace learning integrated with school-based learning. Gateway programmes are for students who want to explore job options while studying towards NCEA levels 1-3 in year 12 and 13. While enrolled at school work experience in a real work environment and study courses related to your chosen trades/industry are offered. You are assessed for specific work knowledge and skills. Gateway students complete a Health & Safety in the workplace course at the beginning of the programme. Students explore post school options, both in the workforce and at tertiary level in alignment with Vocational Pathways.

- Work specific unit standards
- Practical experiences and assessment methods

There are no costs associated with the programme, which is funded by the Tertiary Education Commission (TEC) to provide students with a pathway from school to:

- Employment
- Apprenticeships
- Tertiary Study

GATEWAY

Tertiary Education Commission
Te Amorangi Mātauranga Matua

2&3GATE - Gateway

Students will spend up to one day a week in the workplace and a timetabled class in conjunction with this work placement. This class will represent one subject. Specific unit standards are selected for individualised learning plans to align with the students chosen work placement, this could include attending courses and/or workshops

There are no prerequisites for this course.

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
17591	Demonstrate knowledge of the prevention and management of Discomfort, Pain and Injury (DPI) in the workplace	I	8		
30265	Apply health and safety risk assessment to a job role	I	8		
6400	Manage first aid in an emergency situation	I	2		
6401	Provide First Aid	I	1		
6402	Provide basic life support	I	1		
This course does not lead to a Level 3 approved UE subject.		**Total**	**20**	**NCEA Credit Key**	

2TOUR - Tourism

Studying travel and tourism opens many exciting paths in various industries, from practical, hands-on frontline service jobs, through to management careers in business development, marketing and sales.

This is a self directed programme

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US24728	Demonstrate knowledge of work roles in tourism	I	3		
US24729	Demonstrate knowledge of world tourist destinations	I	4		
US24730	Demonstrate knowledge of the business of tourism	I	4		
US24731	Demonstrate the knowledge of destination Aotearoa New Zealand	I	4		
This course does not lead to a Level 3 approved UE subject.		**Total**	**15**	**NCEA Credit Key**	

3TOUR - Tourism

Studying travel and tourism opens many exciting paths in various industries, from practical, hands-on frontline service jobs, through to management careers in business development, marketing and sales.

This is a self directed programme

Standard	Standard Title	Int/Ext	Credits	UE Lit	
				R	W
US18212	Demonstrate knowledge of New Zealand as a tourist destination	I	8		
US18228	Demonstrate knowledge of specific New Zealand regions as a tourist destination	I	8		
US18211	Demonstrate knowledge of Australia as a tourist destination	I	5		
This course is not a Level 3 approved UE subject.		**Total**	**21**	**NCEA Credit Key**	

WTA – Waikato Trades Academy

For a list of programmes available see https://www.wintec.ac.nz/study-at-wintec/secondary-schools/overview/waikato-trades-academy-programmes. WTA is a two year programme open to students who wish to explore a vocational pathway to gain specific practical experience and skills in an industry-based setting at tertiary level. This course develop pathways that progress to further study, training and employment.

- Students study one day a week at WINTEC
- Applicants need to have had 80% attendance in the year prior to application
- Due to limited spaces selection will be based on interview by WTA panel
- Students who do not gain a placement on the first round of interviews will be placed on waitlist should a vacancy become available during the year.
- Year 11 - Students will be considered for this programme at the discretion of the WTA interview panel
- Year 12 - Year one is a broad introduction to their chosen vocational pathway and covers the foundations for year two
- Year 13 - Students will specialise in one career pathway and study at level 3 to gain credits in their chosen career

Correspondence – Te Kura

Students have the opportunity to study through Te Aho o Te Kura Pounamu (The Correspondence School), if a subject they need to assist them in their career pathway is not offered through the school. Be aware that some subjects do require prerequisites.

Learning online allows students to:

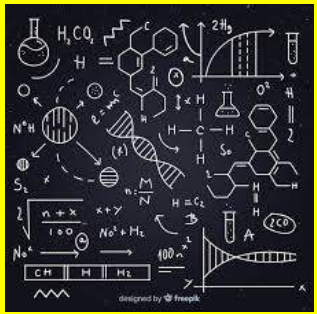
•interact with each other and their teacher in a password-protected online classroom
•communicate with their teacher online
•access and participate in online learning activities
•learn digital literacy skills in a safe and supportive environment

Students studying, through distance learning:

•need to be independent, self-motivated learners, with excellent work habits
•must have good time management skills to meet deadlines

Course outline

•Courses are delivered online
•Recommended time allowance per Correspondence School subject in Y11 and 12, 6.5 hours per week
•Recommended time allowance per Correspondence School subject in Y13, 7 hours per week
•Regular homework is an important part of the schedule
•Students have the assistance of qualified on-line tutors for the subject chosen and are encouraged to avail themselves of this facility



Correspondence – Te Kura

See learning programmes available https://www.tekura.school.nz/learning-programmes

See Mrs Sweetman for enrolment into a Te Kura learning programme. It is beneficial for the enrolment to take place December prior to study for materials to be available at the beginning of term 1.

Te Kura
Te Aho o Te Kura Pounamu
The Correspondence School