



Junior Curriculum Information 2023

*Ko te pae tawhiti, whāia kia tata
Ko te pae tata, whakamaua kia tina*

*Seek out the distant horizons, while cherishing
those achievements at hand.*

**Whakaute – Respect
Whakawhāiti – Involvement
Kairangi - Excellence**

The Curriculum

The New Zealand Curriculum is a document that outlines educational requirements in schools. The everyday teaching and learning that students experience is the result of teachers weaving together the national curriculum with local contexts and the diverse aspirations of learners and their whānau, in ways that are responsive to individual learner progress.

In 2019 a five-year programme to refresh the New Zealand Curriculum began, however, due to COVID-19, estimated completion has been pushed out to 2026. Kaiako at Tararua College have been working with other teachers in the Wairarapa region to design learning programmes in the different subject areas.

A refreshed New Zealand Curriculum will support students through their education journey by creating better connections between curriculum learning areas at the earlier years and subject-specific learning at the later years. This will create a continuous learning experience for students to develop the foundation they need for success throughout education, and in national qualifications.

The National Curriculum Refresh and the NCEA Change Programme are progressing in tandem, and the changes are being phased in over the next few years.

Key Changes:

Aotearoa New Zealand's histories: From 2023, Aotearoa New Zealand's histories will be part of all kura and schools' marau ā-kura/local curriculum. The final content was released in Term 1 2022 and gives kura and schools time to plan for implementation of the new curriculum content from 2023.

Local Curriculum: Our local curriculum is a way to bring The New Zealand Curriculum to life at our school. It will be responsive to the needs, identity, language, culture, interests, strengths and aspirations of our students and their families. Tararua College staff will integrate Te Tiriti o Waitangi into classroom learning and help learners engage with the knowledge, values, and competencies so they can go on and be confident and connected lifelong learners. This will include local knowledge, pūrākau, along with kawa and tikanga of local iwi and hapū.

Revitalisation: Te Reo Māori has been an official language of New Zealand since 1987 but relatively few of us have become speakers in that 30-year period. Tararua College is doing our part in the revitalization of Te Reo Māori in the inclusion of reo and tikanga in our courses and ongoing professional development for kaiako.

National Certificate of Educational Achievement Change Programme: The NCEA Change Programme aimed at strengthening NCEA by making NCEA more accessible to all. A specific focus has been on strengthening literacy and numeracy requirements and assessments – ensure students have functional literacy and numeracy skills that will ready them to access learning in all areas of NCEA as well as their vocational pathways.

Online Work Schedules: We have published online weekly work schedules over the past few years on our school website. We are not currently doing this, but if students need to be off school for any period of time, they can still request work from their Whānau teacher, who will ask all subject teachers to email the class work home. Students can also request to book their chrome book out for work at home, they will need to organise this with their Whānau teacher.

Te Whare Tapa Rima – The five-sided home



This learner support model supports understandings of human well-being by representing a whare/home. At Tararua College, we believe that each of the 5 dimensions are linked, and our young people need support in all areas to achieve to their potential. We look at each of the dimensions as the following:

Taha Whenua - Cultural belonging & connection

- Belonging and Foundation
- Connection to land/school
- Life source (natural environment)
- Diverse cultures

Taha Whānau - Family & social well-being

- Belonging
- Relationships
- Support systems
- Everyone has a place

Taha Tinana - Physical well-being

- How your body grows, feels and moves
- Physical space and safety
- Adequate sleep
- Nourishing food for your body

Taha Wairua - Spiritual well-being

- Who you are and what you believe
- Where you belong and where you are going

Taha Hinengaro - Mental & emotional well-being

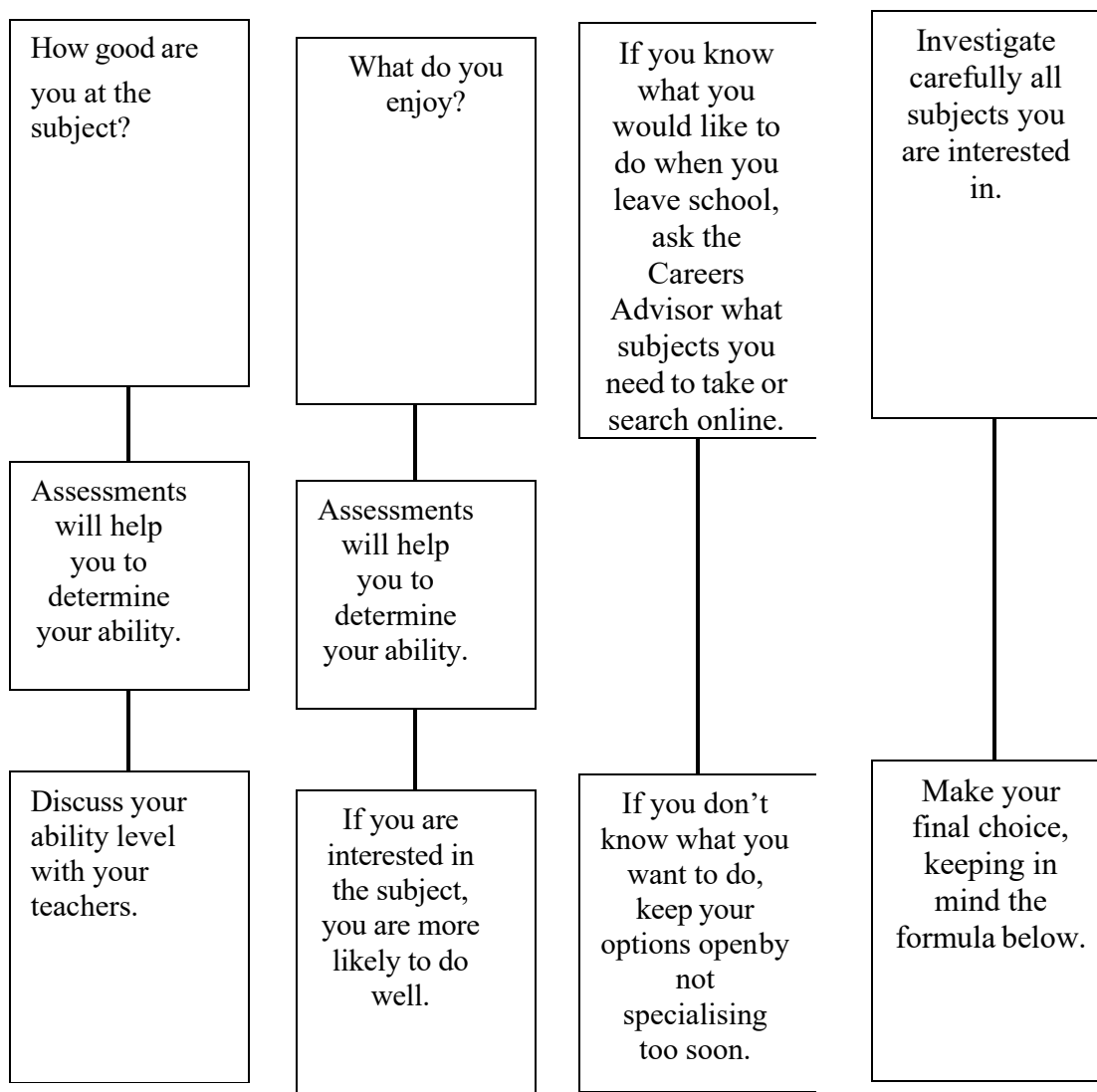
- Mind and heart
- Conscience - thoughts and feelings
- Communication
- Student agency

Te Whare Tapa Rima is part of all planning of courses at Tararua College.

2023 Subjects at Tararua College

	Year 9	Year 10	Year 11	Year 12	Year 13
Art	Art	Art	Art	Art Painting Art Design Art Photography	Art Painting Art Design Art Photography
Biology	Biology	Biology	Biology	Biology	Biology
Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry
Design Tech			Design Tech	Design Tech	Design Tech
Digital Tech	Digital Tech	Digital Tech	Digital Tech	Digital Tech	Digital Tech
Drama	Drama	Drama	Drama	Drama	Drama
Economics	Economics	Economics	Economics	Economics	Economics
English	English	English	English	English	English
Food Technology	Food Technology	Food Technology	Food Technology	Food Technology	Food Technology
Gateway			Gateway	Gateway	Gateway
Geography	Geography	Geography	Geography	Geography	Geography
Health	Health	Health	Health	Health	Health
History	History	History	History	History	History
Hospitality			Hospitality	Hospitality	
Māori Performing Arts			Māori Performing Arts	Māori Performing Arts	Māori Performing Arts
Maths	Maths	Maths	Maths	Maths	Calculus Statistics
Media Studies		Media Studies			
Metal Tech	Metal Tech	Metal Tech			
Music	Music	Music	Music	Music	Music
Performance Tech			Performance Tech	Performance Tech	Performance Tech
Physics			Physics	Physics	Physics
Physical Education	Physical Education	Physical Education	Physical Education	Physical Education	Physical Education
Primary Industries		Primary Industries	Primary Industries	Primary Industries	Primary Industries
Sport & Recreation			Sport & Recreation	Sport & Recreation	Sport & Recreation
Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori
UCOL			UCOL	UCOL	
Wood Tech	Wood Tech	Wood Tech	BCATs	BCATs	BCATs

Choosing a course of study (from Year 10)



Here is a formula that may help you:

ABILITY + INTEREST + OCCUPATION = SUBJECT CHOICE

If you need help with your choice of subjects, please ask:

Your subject teachers

Your whānau teacher

Any of our Head of Departments

Our Careers Advisor Mrs Ireland

or search www.careers.govt.nz (Careers NZ) for more information.

There are also options to study subjects not listed in this booklet. Students wanting to study subjects beyond the Tararua College school curriculum should discuss their choices with Ms Zambazos.

Tararua College Junior Diploma

The Tararua College Junior Diploma is the qualification for our Junior Students. Assessment work is designed and aligned in NCEA assessment style and students are awarded credits much the same as they are for NCEA. Students will be given course outlines at the beginning of their course and assessment schedules will show how each assessment is being graded. Year 9 students will sample the entire curriculum and will have the opportunity to choose their option subjects in Year 10.

Below is a break-down of the credits and how students may achieve endorsements.

	Maths	Science	English	Social Studies	PE	Health	Rotation 1	Rotation 2	Rotation 3	Rotation 4	Total
Year 9	12	12	12	12	12	12	4	4	4	4	88
							4	4	4	4	16

	Maths	Science	English	Social Studies	PE	Health	Option 1	Option 2	Option 3	Option 4	Total
Year 10	12	12	12	12	12	12	8	8	8	8	104

- 104 possible credits per student
- Students must get 80 credits to attain the Junior Diploma

Junior Diploma Endorsement:

Achieved Endorsement = 50+ credits @ Achieved and Merit

Merit Endorsement = 50+ credits @ Merit and Excellence

Excellence Endorsement = 50+ credits @ Excellence

Ngā Toi - The Arts

Miss Emily Look - HoD

Whaea Nicky Wuts - Music

Jacinda Wainohu - Art

Monique Harris - TiC Art

Yr 10 Course: Drama

Learning Area(s): Arts

Teacher(s): Miss Look

Ko tōu reo, ko tōku reo

Te tuakiri tangata

Tihei uriuri

Tihei nako nako

Your voice, my voice

It is an expression of identity

Behold, the message and the messenger

Theatre has long been used to explore different ideas and perspectives. In this course, while building performance confidence, students will create performances (Devising) based on their own experiences and world view, as well as exploring other world views through scripted texts. (Techniques and Production)



Yr 10 Course: Music

Learning Area(s): Arts

Teacher(s): Whaea Nicky Wuts

“In my opinion, the only way to conquer stage fright is to get up on stage and play. Every time you play another show, it gets easier and easier” - Taylor Swift.

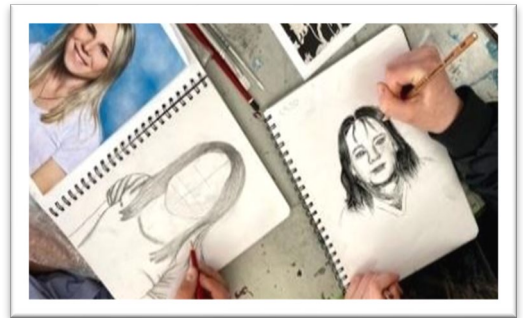
This is a two-term course in year 10, with the option of it being a full year. Throughout the course, students will build instrument specific skills and performance confidence through practical application. Students will explore practical elements of music through playing, listening and creating music in a collaborative group setting. In this setting students will bring and share their own personal musical experience. This course is largely practical, with a theory component designed to better prepare students for NCEA requirements. Students will be expected to perform in front of an audience of their peers throughout this course.

Yr 10 Course: Art
Learning Area(s): Arts
Teacher(s): Mrs Wainohu, Mrs Harris

“Creativity takes courage” – Henri Matisse.

Students will embark on a journey of self-discovery and self-expression—producing a small collection of works encompassing the theme ‘self-portrait’ that will hone their skills in dry, wet, and digital media, whilst incorporating artist model study to explore different techniques and applications.

A wide range of skills are developed in preparation for NCEA Visual Art.



Yr 9 Course: Drama
Learning Area(s): Arts
Teacher(s): Miss MacKay

“If you have stage fright, it never goes away. But then I wonder, is the key to that magical performance because of the fear?” Stevie Nicks

In the Year 9 course, students will explore Drama techniques over a term. This course is based around fun, building confidence and introducing the students to elements they will need in the Senior school. Students will act out their theatrical dreams, feeling the fear and doing it anyway, ‘Tūwhitia te hopo’ by performing an open script scene for their peers.

Yr 9 Course: Music
Learning Area(s): Arts
Teacher(s): Whaea Nicky Wuts

“Music is the great uniter. An incredible force. Something that people who differ on everything and anything else can have in common.” - Sarah Dessen.



Students will explore practical elements of music through playing, listening and creating music in a collaborative group setting. In this setting students will bring and share their own personal musical experience. This is a one term introductory course where Year 9 students will be introduced to basic theory, analysis and music appreciation.

Yr 9 Course: Art
Learning Area(s): Arts
Teacher(s): Mrs Wainohu, Mrs Harris

“Creativity is contagious, pass it on” – Albert Einstein

Art should not be feared, there is no wrong, only no passion. It is this passion that drives the ‘want’ to practice to get better. Students will explore techniques using wet and dry media. This course is about introducing and building on drawing and painting skills. Year 9 students will complete one term within Visual Art as an introduction to the subject, with aims to provide each student with a foundation to build on heading into Year 10.

Te Reo Pākehā - English

Ms Rebecca West (HoD)

Ms Shalini AshniPrasad

Miss Tania MacKay

Mrs Sally Heal

Ms Joanna Sheridan

Yr 10 Course: Ka Mua Ka Muri - “Walking backwards into the future”

Learning Area(s): English

Teacher(s): Ms West

*Looking back at those who have come
before us to shape our futures*

In this course students will be encouraged to empower and grow their literacy knowledge through a variety of mediums and wider world experiences. Building confidence in literacy is a large part of the course. However, we will also be focusing on ourselves, identifying what makes us unique and how we can continue to uplift ourselves and others through adversity and change.

Yr 10 Course: E Tū – English

Learning Area(s): English / Social Sciences

Teacher(s): Ms Sheridan

What do Malcom X, Kate Sheppard, Rosa Parks, Dame Whina Cooper, Greta Thunberg, Tā Apirana Ngata, Mavis Mullins, Dame Hinewehi Mohi, Harriet Tubman, John Kirwan and Malala Yousafzai all have in common? They are regular people standing up for all of us. This course looks at literary texts based on brave men and women who have affected change and fought for social justice for our community, for our country and across the globe.



Yr 10 Course: Ka Mua Ka Muri - “Walking backwards into the future”

Learning Area(s): English

Teacher(s): Miss MacKay

Looking back at those who have come before us to shape our futures

In this course students will be encouraged to empower and grow their literacy knowledge through a variety of mediums and wider world experiences. Building confidence in literacy is a large part of the course. However, we will also be focusing on ourselves, identifying what makes us unique and how we can continue to uplift ourselves and others through adversity and change.

Yr 9 Course: – Tuakiri -Finding your place in the world, New Zealand and your community - global, national, local & personal

Learning Area(s): English / Social Sciences

Teacher(s): Mrs Heal & Mrs AshniPrasad

As well as looking at students’ growing sense of identity, this course looks at the literature and histories of people who were finding their place in their world. We will look at local, national and global literature. Students are asked to develop their assessment work around the change-makers in our society, including their current and future selves.

Yr 9 Course: Tū Tangata – English

Learning Area(s): English / Social Sciences

Teacher(s): Ms Sheridan

In this course, Tū Tangata means ‘stand tall’. As well as looking at students’ growing sense of identity, this course looks at the literature and histories of people who stood up to be counted on a local, national and global level. Students are asked to develop their assessment work around the change-makers in our society, including their current and future selves.



Yr 9 Course: – Tuakiri -Finding your place in the world, New Zealand and your community - global, national, local & personal

Learning Area(s): English / Social Sciences

Teacher(s): Miss MacKay

As well as looking at students’ growing sense of identity, this course looks at the literature and histories of people who were finding their place in their world. We will look at local, national and global literature. Students are asked to develop their assessment work around the change-makers in our society, including their current and future selves.

Pāngarau, Tauanga – Mathematics & Statistics

Mr David Ngatuere (HoD)

Mr Benson Nobathu

Mr Rob Moffitt

Mrs Liesel Starker

Tā Rihari Daymond

Yr 9 Course: Mathematics

Learning Area(s): Mathematics

Teacher(s): Mr Moffitt, Mr Ngatuere, Mrs Starker, Mr Pester

The objectives of this course are as follows:

- To provide students of all abilities opportunities to grow their confidence and mathematical abilities through problem solving by working collaboratively and increasing student voice.
- To improve individual mathematical skills using MathsBuddy online tutor. Each junior student has been provided with a \$25 license, a login/password, weekly set activities and the expectation these be completed at home.
- To prepare students to pass their NZQA Numeracy requirement before they reach Year 11.
- To provide students/caregivers clear data/feedback on their mathematical situation throughout the course.

Yr 10 Course: Mathematics

Learning Area(s): Mathematics

Teacher(s): Mr Ngatuere, Tā Daymond, Mr Nobathu, Mrs Starker, Mr Moffitt

The objectives of this course are as follows:

- To provide students of all abilities opportunities to grow their confidence and mathematical abilities through problem solving by working collaboratively and increasing student voice.
- To improve individual mathematical skills using MathsBuddy online tutor. Each junior student has been provided with a \$25 license, a login/password, weekly set activities and the expectation these be completed at home.
- To prepare students to pass their NZQA Numeracy requirement before they reach Year 11.
- To provide students/caregivers clear data/feedback on their mathematical situation throughout the course.

Hauora, Hākinakina – Health & Physical Education

Ms Shelley Arends (HoD)

Mrs Sarah Tuhura

Mrs Megan Bennett

Matua Joel Frank

Mr Paul Cleghorn

Mrs Bridget Bailey (Sports Coordinator)

Yr 10 Course: Whāngai

Learning Area(s): Health

Teacher(s): Mrs Tuhura and Ms Arends

Are you really what you eat? Is there more to nutrition than macronutrients, micronutrients and calories? In this course, students will look at the basic science of nutrition and challenge ideas on what it means to be 'healthy'. Students will investigate the personal, interpersonal and societal attitudes and values that influence our food choices, as well as developing an understanding of how these choices impact hauora.



Yr 10 Course: Substances

Learning Area(s): Health

Teacher(s): Mrs Tuhura and Ms Arends

What do illegal substances really do to our body? Do they impact more than just the user? In this course students will increase their understanding of Cannabis, Methamphetamine and MDMA. We will investigate the impact illegal substances have on the user, their whanau, and society. Students will develop strategies to decrease drug use, and the impact identified at all levels.

Yr 10 Course: Healthy Relationships

Learning Area(s): Health

Teacher(s): Mrs Tuhura and Ms Arends

This unit of work continues from the content learnt at Year Nine to further develop understanding of healthy relationships. Students will engage in lessons around problem solving, communication and consent. This course will equip our ākonga with the skills and knowledge they need to maintain healthy relationships.

Yr 10 Course: Sex-Ed – Knowledge is Power

Learning Area: Health

Teacher(s): Mrs Tuhura and Ms Arends

This unit of work continues from the content learnt at Year Nine to further develop understanding of sexuality. Students will engage in lessons around gender identity, sexual identity and growth and development. This course will equip our ākonga with the skills and knowledge they need to make informed choices.

Yr 10 Course: Tōhunga**Learning Area(s):** Physical Education/Literacy**Teacher(s):** Ms Arends & Matua Joel

Through the contexts of Adventure Based Learning (ABL) and Water activities, students will work on their interpersonal skills. This will help to develop leadership, team unity and strategies to achieve a range of challenging activities together. Students will show manaakitanga for each other, to build theirs and other's mana and enhance their Hauora in doing so. Students will also develop their literacy skills using a reflections log which will demonstrate how their performance impacted team dynamics and the ability to achieve challenges.

Yr 10 Course: Together everyone achieves more**Learning Area:** Physical Education**Teacher(s):** Ms Arends & Matua Joel

Through the use of the Sports Education Model, students will develop their skills and tactical play in a chosen sport decided by the class. An assessment rubric will be used that students co-design with the help of the teacher to assess their skills and tactical play. This Model will support students to take an active part in various authentic sport roles such as captain, coach, trainer, statistician, official, publicist, or member of a sports council. Students will show Ako, taking responsibility for their own learning throughout this unit, and will get the opportunity to take on the role of tuakana/teina to enhance their skills or the skills of others. Teams will also develop camaraderie through shared decisions about their team name, uniform and cheers, as they work together.

**Yr 10 Course: Fitness and my hauora****Learning Area:** Physical Education**Teacher(s):** Ms Arends & Matua Joel

Students will actively participate in a variety of physical activities and explain factors that impact their Hauora. Factors may include Well-being – physical, social, mental/ emotional, spiritual. Students will also develop their literacy skills by reflecting on how the chosen activity for the lesson impacted their Hauora. They will develop tools to be able to use in the future, to enhance their health of not only themselves, but their whānau and community.

Yr 10 Course: Bring it home**Learning Area(s):** Physical Education/Literacy**Teacher(s):** Ms Arends & Matua Joel

Cultural Games. Students will identify and run games from their own background/whakapapa and teach/play it in class. Students will be encouraged to become the 'tohunga' (skilled person/leader) and facilitate and explain the pakiwaitara (fiction/folklore, narrative) of their chosen game. Students will look at what influences movement in other cultures and how it impacts people's choices. They will get the opportunity to demonstrate their level of social responsibility (manaakitanga) through the range of cultural games. Students will get an appreciation for how different challenges can affect their wellbeing and how it can give them their own identity. They will be demonstrating aro/ako throughout this unit as they both facilitate lessons and learn from their peers.



Yr 9 Course: Hauora**Learning Area: Health****Teacher(s):** Ms Arends & Mrs Bennett

In this course students will be introduced to the concept of Hauora. This concept underlies all topics covered in both junior and senior health. Students will develop an understanding of all four areas of Te Whare Tapa Whā and how they interrelate to determine overall wellbeing. Students will investigate strategies to enhance each of the four areas.

Yr 9 Course: Substances**Learning Area: Health****Teacher(s):** Ms Arends & Mrs Bennett

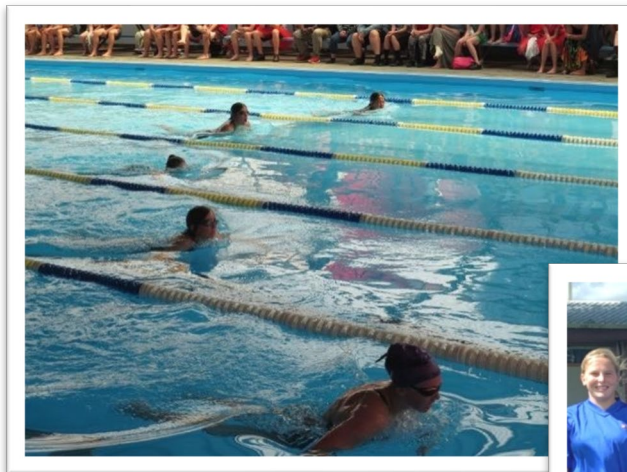
This course is centered around substances currently popular with New Zealand youth; Alcohol, Tobacco and Vaping. Ākonga will explore the impacts and side effects of these substances at a personal, interpersonal and societal level. Most importantly, students will learn strategies which enable them to make health enhancing decisions.

Yr 9 Course: Healthy Relationships**Learning Area: Health****Teacher(s):** Ms Arends & Mrs Bennett

This unit of work develops students' understanding of healthy relationships. Students will engage in lessons around problem solving, communication and consent. This course will equip our ākonga with the skills and knowledge they need to maintain healthy relationships.

Yr 9 Course: Sex-Ed – Knowledge is power**Learning Area: Health****Teacher(s):** Ms Arends & Matua Joel

In this unit of work students will develop their understanding of sexuality. Students will engage in lessons around gender identity and stereotypes and growing and changing. It will teach valuable skills and knowledge to make health enhancing decisions.



Ahumahi Tuatahi - Primary Industries

Ms Zoe Doidge - TiC

Yr 10 Course: Primary Industries

Teacher(s): Ms Doidge

This course provides a range of learning experiences within different aspects of the Primary Industries to support student successes at NCEA levels. The topics covered are:
Production Horticulture (in line with NCEA Level 1 Standards) Overview of Dairy Farming
Overview of Sheep and Beef Farming Adding value to Primary Products

We pride ourselves in the way that we focus on both the academic and practical nature of Primary Industries. This enables your child to engage in the learning of life skills within a range of real world contexts.

Primary Industries are still the background of New Zealand's economy. Having a solid practical and academic background in agriculture, and Primary Industries provides our students with a wealth of opportunities.



Pūtaiao - Science

Mrs Nicki Harding – HoD

Mr Carl Pester

Mr Benson Nobathu

Mr John Loughnane

Mr Nishanbir Singh

Yr 10 Course: Biology-Genetics

Learning Area(s): Science

Teacher(s): Mr Loughnane

Student will investigate:

- Identify DNA (codes for all life, double helix structure, found in the nucleus of all cells)
- Recognise and explain the importance of sexual reproduction for genetic variation.
- identify, define, and state function of DNA, chromosome and genes
- Describe the structure of DNA & RNA (A)
- Identify chromosomes & their location in the cell
- Describe the functions of mitosis (growth and repair, asexual reproduction) & meiosis (gamete formation)
- identify alleles (different forms of genes); dominant and recessive
- Use alleles to determine the genotype of an individual (Punnett Squares)

Yr 10 Course: Chemistry
Learning Area(s): Science
Teacher(s): Mr Singh
Students will look at:

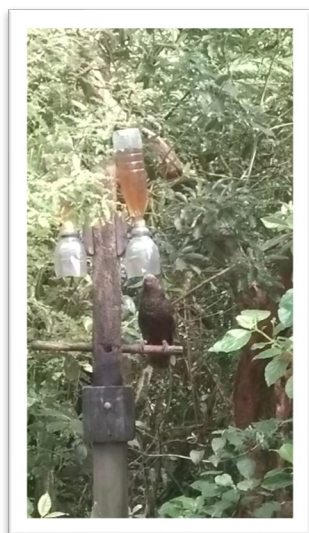
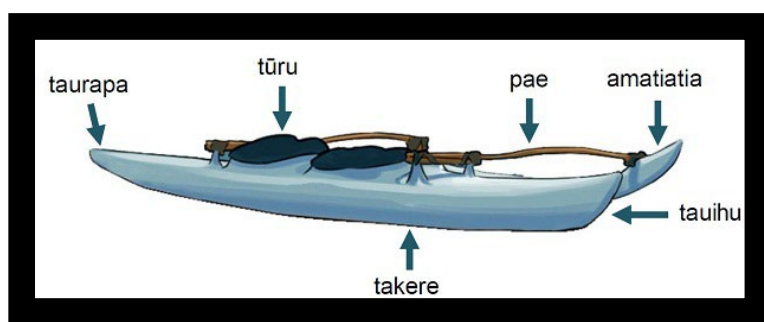
- Relate the properties of elements to their position on the periodic table
- Complete given word equations identifying reactants and/or products
- Use word equations for simple chemical reactions
- Use simple symbol equations for chemical reactions
- Balance simple symbol equations
- Relate structure of atoms to properties of the elements in terms of metals lose electrons/nonmetals gain valence electrons, this exchange (or sharing for covalent bonds) of electrons is what happens in a chemical reaction
- Investigate metals and non-metals and identify elements as metals or non-metals from their physical properties (luster, malleability, electrical/heat conductivity, ductility)

Yr 10 Course: Physics
Learning Area(s): Science
Teacher(s): Mr Nobathu
Physical inquiry and physics concepts

Explore, describe, and represent patterns and trends for everyday examples of physical phenomena, such as movement, forces

Using physics

Exploring waka ama as an application of physics.



Yr 9 Course: Biology
Learning Area(s): Science
Teacher(s): Mr Nobathu

The students will learn about the way science answers questions and how these scientific understandings are used to make predictions.

Ecology- Explain how living things are suited to their particular habitat and how they respond to environmental changes, both natural and human-induced.

Yr 9 Course: Chemistry
Learning Area(s): Science
Teacher(s): Mr Singh
Chemical & Physical Properties

- Investigate the chemical and physical properties of different groups of substances:
- Investigate the chemical and physical properties of different groups of substances, for example, acids and bases

Yr 9 Course: Physics

Learning Area(s): Science

Teacher(s): Mr Pester

In a physics context students will carry out a fair test using multiple variables

- Explain the terms: aim/purpose, hypothesis, independent and dependent variables and discuss how each of these will be measured;
- Explain controlled variables and discuss how they will be controlled.
- Evaluate the suitability of the experimental method used

Te Reo Māori/Te Ao Māori

Tā Rihari Daymond (TiC)

Yr 10 Course: Māori

Learning Area(s): Learning Languages / Te Ao Māori

Teacher(s): Tā Daymond

Whaowhia te kete mātauranga - Fill the basket of knowledge

Students will develop Te Reo skills to help communicate their thoughts and ideas about various topics including leadership and the world around them. This will help to build their abilities in preparation for NCEA Te Reo. Students will learn about manaakitanga through acts of service/hospitality to their peers, their whānau and our community. Students have the option to take this course for a semester (two terms) or for the whole year.

Yr 9 Course: Māori

Learning Area(s): Learning Languages/Te Ao Māori

Teacher(s): Tā Daymond

Ahakoā he iti, he māpihi pounamu – Although it is small, it is of great value

Students will develop an understanding of basic Te Reo vocabulary and sentence structure and will study themes of identity and belonging. Students learn local pepeha and pūrākau of our region. They will learn to introduce themselves, their families, and tell a story about a local place. Each Year 9 student will complete one term in Te Reo to introduce them to the subject and to provide them with a foundation to build on for taking Te Reo in the future.



Tikanga-ā-Iwi – Social Sciences

Miss Alex McKinlay – HoD

Mrs Margaret Vosloo

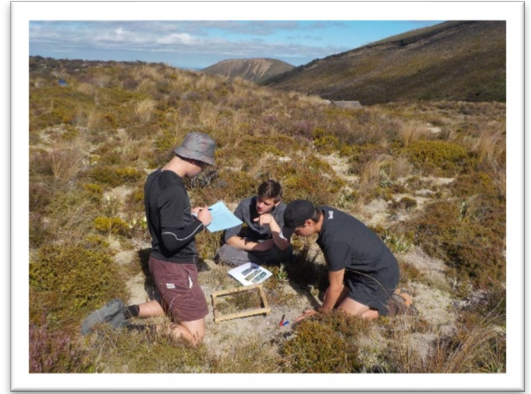
Miss Kayla Hutchings

Yr 10 Course: Planet Earth – Geography

Learning Area(s): Social Sciences

Teacher(s): Mrs Vosloo

- Plate Tectonics
- Rock Cycle
- Earthquakes: Assessment: Christchurch Earthquake



Yr 10 Course: Whakamatatū – History

Learning Area(s): Social Sciences

Teacher(s): Miss Hutchings

This course introduces ākonga to the idea of standing up for human rights and protest. The Unit uses the Black Lives Matter protests to explore how standing firm can change and impact the lives of people. This context allows for ākonga to explore the larger concepts of citizenship, government, power dynamics and social responsibility. This context is then related back to our own New Zealand context looking at how the BLM movement can relate to us. Along with the BLM case study, ākonga will also be looking at protests in New Zealand such as, Dawn Raids, COVID-19, Springbok Tour, Anti-Vietnam War Protests, etc. Learning about whakamatatū and how this can be achieved in a non-violent manner, will help our ākonga become global citizens. Ākonga are then asked to research and present their findings on another important protest movement in Aotearoa's history. They will be provided with a number of protests and movements that they can research however, they are to follow their curiosity and if they find one that is not on the list, they are welcome to discuss this with their kāiako.

Yr 10 Course: Supply & Demand – Economics

Learning Area(s): Social Science

Teacher(s): Miss Hutchings

This course introduces ākonga to a more in-depth understanding of economics and the different aspects. This unit is comprised of different concepts that students are tasked to learn and know by the end of the 10-week term. Students are tasked with learning about the following three concepts; Supply and Demand (the production of commodity items, product, or service available and desire of buyers for it) Factors and Production (inputs necessary to obtain outputs) Economic Indicators (detail of a country's economic performance and how it effects stocks, employment, and international markets). The students will then complete an assessment where they are asked to show what they have learned over the last 10 weeks and show their understanding of the New Zealand economy.

Yr 9 Course: Whakatōmene

Learning Area(s): Social Sciences

Teacher(s): Miss McKinlay

Aotearoa has long been a place of exploration, whakatōmene. Throughout this course ākonga will be introduced to the skills required for studying the Social Sciences in our senior school, through the lense of Aotearoa's explorers. Kupe's travels from Hawaiki, navigating using the stars and through Aotearoa will be used to explore the realities of exploration and the important connections and discoveries it can have. Ākonga will then have the chance to select their own Aotearoa explorer to research and present on to gain Junior Credits.

Yr 9 Course: Whakaohoho

Learning Area(s): Social Sciences

Teachers: Miss McKinlay, Mrs Vosloo, Miss Hutchings

Whakaohoho – to rouse, awaken, inspire and motivate.

This course will occur in term four with each group of students co-creating and exploring an area of mutual interest. As all of the Year 9 students will have already rotated through Geography, History and Economics strands, this course focusses on inspiring ākonga to continue in the Social Sciences in the future.

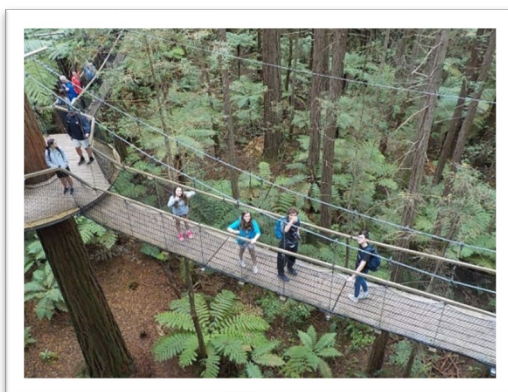
Each class will co-create their course with their kāiako, ensuring that it is engaging and informative.

Yr 9 Course: Solar System – Geography

Learning Area(s): Social Sciences

Teacher(s): Mrs Vosloo

- Sun
- Planets
- Moon
- Earth/sun/moon systems
- Constellations and clusters: Matariki



Hangarau – Technology

Mrs Rachel Ireland – HoD

Mr Warrick Greaves

Mr Mark Heal

Mrs Carol Baker

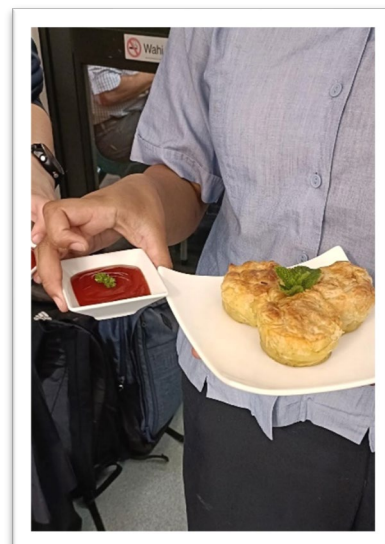
Mr Carl Pester

Yr 10 Course: Café Culture – Food Technology

Learning Area(s): Technology

Teacher(s): Mrs Baker

Develop café food items, a savoury and sweet product, to meet their stakeholder's requirements. These will then be served in a real-life situation.



Yr 10 Course: Resistant Materials – Wood – Wood Technology

Learning Area(s): Technology

Teacher(s): Mr Heal

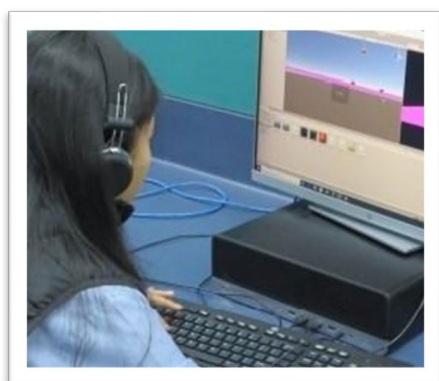
Students will learn about planning and drawing techniques in preparation for creating a product made from Wood. They will investigate characteristics of wood and joinery techniques suitable for making 2 products over the course. This will enable students to build their skills and understanding of tooling used to create products from wood. This learning will underpin students progressing into the senior school BCATS programmes.

Yr 10 Course: Resistant Materials – Metal – Metal Technology

Learning Area(s): Technology

Teacher(s): Mr Heal

Students will learn in more depth about planning and drawing techniques in preparation for creating a product made predominantly out of Metal. They will investigate materials, fasteners and jointing techniques that fit the purpose of a given brief and the materials chosen for use. Students will cover safety techniques for engineering workshop situations. They will also cover a range of basic skills for cutting, shaping and forming metals.



Yr 10 Course: Digital Technology – Digital Technology

Learning Area(s): Technology

Teacher(s): Mr Pester

This is a two-term course where students will learn skills in the areas of Robotics, Website Coding, 3D Game coding, Application coding with Scratch and Python, Phone Application coding, Minecraft Redstone use for creating applications. The semester finishes with a passion project, where the student uses their favourite part of the course to design and build a project.

Yr 9 Course: Coding & Robotics – Digital Technology

Learning Area(s): Technology

Teacher: Mr Pester

Learning how to code computers in the context of gaming, robotics and app development. We use the contexts of: Scratch coding, mBot robotics, Microcontroller Electronics and 3D game design. One or more of these contexts could be substituted with Cellphone app design, Web design, or App coding with Python.



Yr 9 Course: Baking Essentials – Food Technology

Learning Area(s): Technology

Teacher(s): Mrs Baker

Learn about the different aspects of baking, using different baking methods - biscuits, slices, scones, muffins. Use these skills to make a product that addresses a need or issue.

Yr 9 Course: Resistant Materials – Metal Technology

Learning Area(s): Technology

Teacher(s): Mr Greaves

Students will be learning drawing skills that allow them to develop working plans that can support building projects. They will also be working with metal to learn basic techniques for cutting, shaping and forming metal into useful products. This will include expanding their understanding of methods of joining metal parts to make a product using various fasteners.



Yr 9 Course: Resistant Materials – Wood Technology

Learning Area(s): Technology

Teacher(s): Mr Heal

Students will work with wood to learn about simple wood joinery and fastening procedures. Students will build a two-player hockey puck game to demonstrate their abilities and learn about Wood's use as a resistant material.



