



# LEVEL 1

## 2025 Module Outlines



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# What is NCEA?

In 2025, Year 11, 12 and 13 students will be working towards the qualification called NCEA, which stands for National Certificate of Educational Achievement.

There will be three levels:

Level 1 NCEA

Level 2 NCEA

Level 3 NCEA

All students will enter for the NCEA qualification in those subjects where they have followed an NCEA course throughout the year.

## Helpful links to explain NCEA

- Literacy and numeracy co-requisites [Click Here](#)
- [Video explaining NCEA](#)
- [Brochure explaining NCEA](#)
- [NCEA Endorsements](#)

## Gaining NCEA

<b>NCEA Level One</b>	<b>60 credits at any Level (1, 2 or 3) + 10 Literacy and 10 Numeracy credits</b>
<b>NCEA Level Two</b>	<b>60 credits at Level 2 or above + 10 Literacy credits and 10 Numeracy credits.</b>
<b>NCEA Level Three</b>	<b>60 credits at Level 3 or above + 10 Literacy credits and 10 Numeracy credits.</b>

## Literacy and numeracy in the NCEA journey

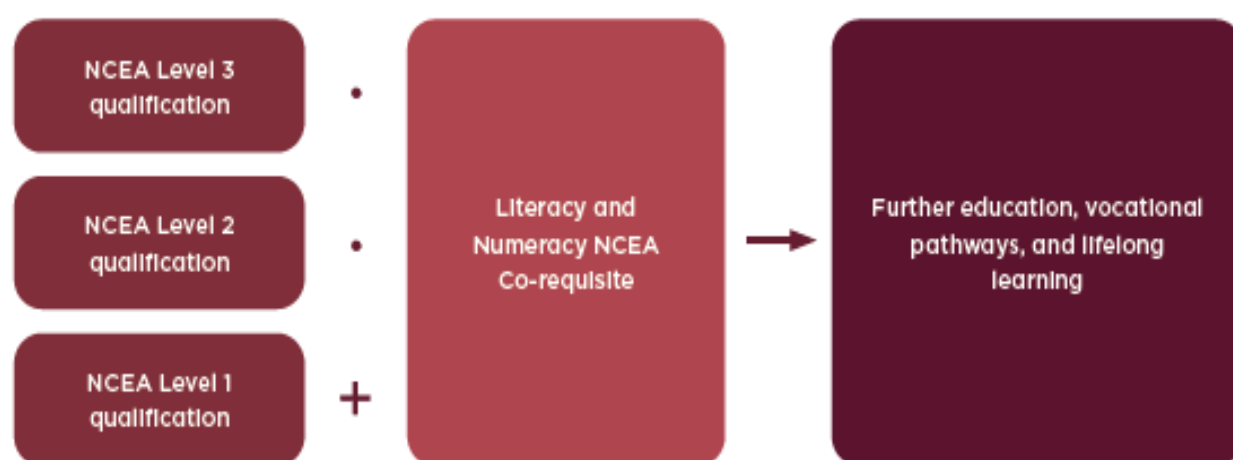
Students need to show that they have foundational reading, writing and numeracy skills to gain an NCEA qualification. This is also known as the NCEA Co-requisite.

While students can still progress through their NCEA journey, they must achieve the literacy and numeracy co-requisite to gain NCEA.

Students can achieve the requirements **any time** throughout their NCEA journey.

Students can try to achieve the requirements **many times** throughout their NCEA journey.

Students need to meet literacy and numeracy requirements **once only**.



During the transitional period, 2024-2025, the NCEA Literacy and Numeracy Co-requisite can be achieved by:

### COMMON ASSESSMENT ACTIVITIES (CAAs)

- › Teachers will organise these online assessments for students.
- › Students can sit these reading, writing and numeracy assessments in any year from Year 9 onwards, at a time when they are ready.

Or

### ACHIEVING 10 LITERACY CREDITS AND 10 NUMERACY CREDITS FROM A LIST OF APPROVED STANDARDS.

- › Talk to your school about what choices of literacy and numeracy standards are available.

- › Credits achieved towards the co-requisite cannot be used to count toward another subject area.
- › From 2026, the Common Assessment Activities will be the only English-medium co-requisite option.

# Endorsement of National Certificates in Educational Achievement (NCEA)

50 credits at Excellence to gain an NCEA endorsed with Excellence

50 credits at Merit (or Merit and Excellence), to gain an NCEA endorsed with Merit.

## Course Endorsement Certificates in Educational Achievement (NCEA)

For a Course Endorsement a student will need to achieve at least 14 credits at Merit or Excellence in a particular subject (regarded as a course by NZQA) and at a specific level. Credits will be needed from both internal and external assessments (minimum of 3 credits from both internal and external assessments)

More information on the details can be found on the NZQA website [www.nzqa.govt.nz](http://www.nzqa.govt.nz) and follow the links for NCEA.

## Sancta Maria College Academic Honours

In Term 1 at the start of every academic year we celebrate our student's academic achievements with a prestigious Academic Honours badge ceremony. This is where each child who has achieved the following in their NCEA results will be awarded a badge to match their outstanding NCEA achievement.

<b>NCEA Level 1 Academic Honours - GOLD</b>	<b>50 credits at Excellence at the level of the certificate or above</b>
<b>NCEA Level 1 Academic Honours - SILVER</b>	<b>50 credits at Merit (or Merit and Excellence) at the level of the certificate or above</b>
<b>NCEA Level 2 Academic Honours - GOLD</b>	<b>50 credits at Excellence at the level of the certificate or above</b>
<b>NCEA Level 2 Academic Honours - SILVER</b>	<b>50 credits at Merit (or Merit and Excellence) at the level of the certificate or above</b>
<b>NCEA Level 3 Academic Honours - GOLD</b>	<b>50 credits at Excellence at the level of the certificate or above</b>
<b>NCEA Level 3 Academic Honours - SILVER</b>	<b>50 credits at Merit (or Merit and Excellence) at the level of the certificate or above</b>

# Sancta Maria College Academic Honours

<p>NCEA Level 1 Academic Honours</p> <p>SCHOLARS BADGE</p>	<p><b>Minimum FOUR SUBJECTS with Excellence Endorsement</b> Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.</p>
<p>NCEA Level 2 Academic Honours</p> <p>SCHOLARS BADGE</p>	<p><b>Minimum FOUR SUBJECTS with Excellence Endorsement</b> Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.</p>
<p>NCEA Level 3 Academic Honours</p> <p>SCHOLARS BADGE</p>	<p><b>Minimum FOUR SUBJECTS with Excellence Endorsement</b> Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.</p>

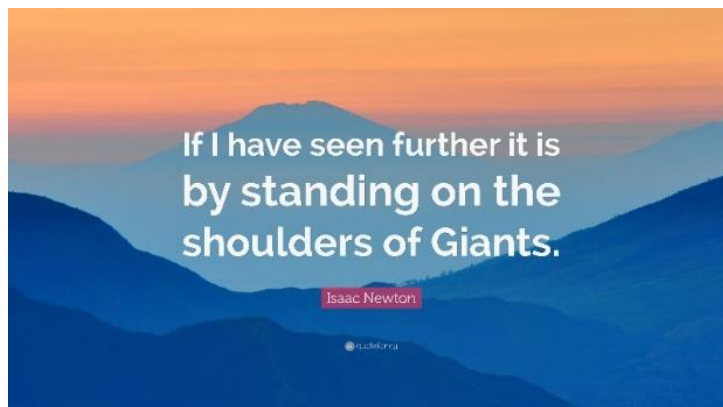
Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.



# RELIGIOUS EDUCATION - LEVEL 1

## Standing on the Shoulders of Giants Semester 1

The fact that you are enrolled at Sancta Maria Catholic College, is testament to the many great people that have gone before you to make this happen. In this module you will have the opportunity to learn from the many great Akonga Pai (Good Disciples) that have contributed to the historical development of the Catholic Church in Aotearoa New Zealand.



From Bishop Jean Baptise François Pompallier to Suzanne Aubert and the many religious orders, learn about what these significant people and groups have done to help contribute to the development of the Catholic community you are now part of today.

These giants we can all learn from, to help us to continue to be Akonga Pai not only at Sancta Maria College but beyond, in our local communities, Aotearoa New Zealand and the world. Close reading and critical thinking are some of the core skills developed in this module.

**Contact Person:** Mrs Maddison

**This course leads to:** Level 2 Religious Education

AS	Title	Credits	Internal or External
AS91916	Demonstrate understanding of the development of a community that shares religious or spiritual beliefs	5 credits NCEA L1	I
AS91917	Demonstrate understanding of how a significant narrative relates to a religious or spiritual tradition	5 credits NCEA L1	I

What are the course enhancement costs?

- TBC Education Perfect

# RELIGIOUS EDUCATION - LEVEL 1

## God's Call to Love Semester 1

Discover how the profound teachings of Catholic scripture reveal the beauty of being made in the image and likeness of God, and how this understanding can transform your sense of identity and relationships.

Dive into the rich history of the Catholic community and explore how the gospel's call to love has shaped its development over time. .



**Contact Person:** Mrs Maddison

**This course leads to:** Level 2 Religious Education

AS	Title	Credits	Internal or External
AS91916	Demonstrate understanding of the development of a community that shares religious or spiritual beliefs	5 credits NCEA L1	I
AS91917	Demonstrate understanding of how a significant narrative relates to a religious or spiritual tradition	5 credits NCEA L1	I

What are the course enhancement costs?

- TBC Education Perfect



# RELIGIOUS EDUCATION - LEVEL 1

## Introduction to Youth Ministry Semester 1

Discover a course that not only deepens your faith but also empowers you to share it with others.

You will collaborate with Youth Ministers from other Catholic schools on exciting group projects and learn how to lead retreats that inspire younger students to connect with Jesus.



As part of the global CSYMI network, you'll access world-class leadership training, equipping you to make a real impact in spreading the gospel. Join in and become a leader in your faith community.

**Contact Person:** Mrs Maddison

**This course leads to:** Level 2 Religious Education

AS	Title	Credits	Internal or External
AS91916	Demonstrate understanding of the development of a community that shares religious or spiritual beliefs	5 credits NCEA L1	I
AS91917	Demonstrate understanding of how a significant narrative relates to a religious or spiritual tradition	5 credits NCEA L1	I

What are the course enhancement costs?

- TBC Education Perfect

# RELIGIOUS EDUCATION - LEVEL 1

## Interfaith Dialogue in a Pluralistic Society Semester 2

Have you attended a school mass and wondered what was going on?  
Have you ever wondered what goes on at the Buddhist temple across the road from Sancta Maria College?



Being part of the Catholic community means being part of culture that has features that are intriguing but can also be bewildering. Living in Aotearoa New Zealand means living alongside people who may be of a different religious tradition.

This module gives you an opportunity to have all of your questions answered, focusing on learning about the key characteristics that make up the Catholic Church and other major religions such as Islam, Judaism, Buddhism and Hinduism. There will be a focus on developing an understanding of the characteristics of these religions such as beliefs, rituals, moral and ethical teachings and much more.

Close reading, critical thinking and inter-faith dialogue are some of the core skills developed in this module.

**Contact Person:** Mrs Maddison

**This course leads to:** Level 2 Religious Education

AS	Title	Credits	Internal or External
AS91918	Demonstrate understanding of a characteristic of religious or spiritual traditions	5 credits NCEA L1	E

What are the course enhancement costs?

- TBC Education Perfect. TBC Field trip

# RELIGIOUS EDUCATION - LEVEL 1

## There is No 'Planet B' Semester 2

The United Nations says that climate scientists have shown that humans are responsible for virtually all global heating over the last 200 years.

With this in mind, what can be done to avert the climate and ecological crises affecting our planet?

With around 84% of the world's population claiming to be religious, this module will focus on what the religions of the world are doing in response to the climate and ecological crises facing our planet.



It will have a particular focus on the main branches of Christianity; Catholic, Protestant, Orthodox as well as a focus on some of the major world religions, Islam, Judaism, Hinduism and Buddhism.

Close reading, critical thinking and inter-faith dialogue are some of the core skills developed in this module.

**Contact Person:** Mrs Maddison

**This course leads to:** Level 2 Religious Education

AS	Title	Credits	Internal or External
AS91919	Demonstrate understanding of perspectives of different religious or spiritual communities on an issue	5 credits NCEA L1	E

What are the course enhancement costs?

- TBC Education Perfect

# ART - LEVEL 1

## Practical Art One Semester 1

This module involves experimenting with the use of processes, materials, and techniques to respond to an art making intention. Students will use practical skills to respond to their own ideas and theme, with an emphasis on deepening students' understanding of visual art conventions. They will explore the principles and the application of a range of media, supported by conceptual content and knowledge.



Possible outcomes could include but not limited to:

- Printmaking
- Drawing
- Painting

**Contact Person:** Ms Turner

**This course leads to:** Level 2 ART

AS	Title	Credits	Internal or External
AS 91914	Explore Visual Arts processes and conventions to inform own art making	5 Credits NCEA L1	E
AS91915	Create a sustained body of related artworks in response to an art making proposition	5 Credits NCEA L1	E

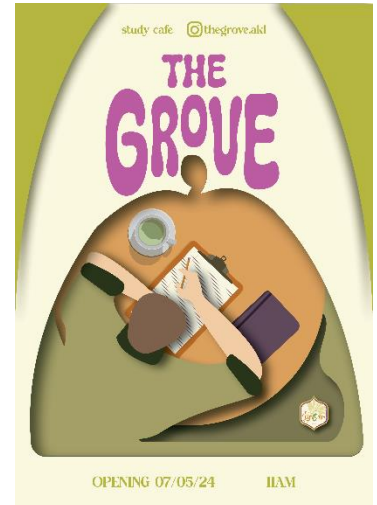
What are the course enhancement costs?

- \$110 (\$20 printing credit, \$30 returnable camera bond, \$60 art making materials)

# ART - LEVEL 1

## Digital Art One Semester 1

This module involves experimenting with the use of digital processes, materials, and techniques to respond to an art making intention. Students will respond to their own ideas and theme, with an emphasis on deepening students' understanding of digital art conventions. They will explore the principles and the application of design and illustration, supported by conceptual content and knowledge. Adobe Photoshop will be used to create outcomes in photography, design and digital illustration.



Possible outcomes could include but not limited to:

- Digital painting
- Digital collage
- Photography

**Contact Person:** Ms Turner

**This course leads to:** Level 2 ART

AS	Title	Credits	Internal or External
AS 91914	Explore Visual Arts processes and conventions to inform own art making	5 Credits NCEA L1	E
AS91915	Create a sustained body of related artworks in response to an art making proposition	5 Credits NCEA L1	E

What are the course enhancement costs?

- \$60 (\$10 Creative Cloud license (Adobe Photoshop), \$20 Printing credit and \$30 returnable camera bond)

# ART- LEVEL 1

## Practical Art Two Semester 2

This module involves producing resolved work that could be installed in a location. Students will document their processes, install the work and record their finished outcome. Students will use practical skills to respond to their own ideas and theme, with an emphasis on deepening students' understanding of visual art conventions. They will explore the principles and the application of a range of media, supported by conceptual content and knowledge.



Possible outcomes could include but not limited to:

- Painting
- Photography
- Sculpture

**Contact Person:** Ms Turner

**This course leads to:** Level 2 Art

AS	Title	Credits	Internal or External
AS91913	Produce a resolved artwork appropriate to established art making conventions	5 credits NCEA L1	I

What are the course enhancement costs?

- \$60 (\$10 printing credits, \$20 materials and \$30 returnable camera bond)

## ART - LEVEL 1

### Digital Art Two Semester 2

Information about this module:

This module involves producing a resolved digital outcome. Students will document their planning processes and record their finished work. Students will respond to their own ideas and theme, with an emphasis on deepening students' understanding of digital art conventions. They will explore the principles and the application of design and illustration, supported by conceptual content and knowledge. Adobe Photoshop will be used to create outcomes in photography, design and digital illustration.



Possible outcomes could include but not limited to:

- Digital painting
- Digital collage
- Photography installation
- Zine

**Contact Person:** Ms Turner

**This course leads to:** Level 2 Art

AS	Title	Credits	Internal or External
AS91913	Produce a resolved artwork appropriate to established art making conventions	5 credits NCEA L1	I

What are the course enhancement costs?

- \$50 (\$10 Creative Cloud license (Adobe Photoshop), \$10 Printing credit & \$30 returnable camera bond)

# COMMERCE- LEVEL 1

## Money Moves Semester 1

Jump into the world of financial decision-making and price setting with this exciting module! You'll get the scoop on how organizations decide on prices and make business decisions in response to real-world needs and opportunities. With Rainbow's End as a local case study, you'll figure out how businesses juggle financial pressures



with social responsibility and how an organization's mission (pūtake) influences its decisions. Using financial tools like budgets and price charts, you'll find out what goes into setting prices and analyse how these financial choices affect everyone from customers to communities. By the end, you'll have a clear grasp of how financial decisions are made and be better equipped to make savvy choices as a consumer.

**Contact Person:** Ms Redwood (HOD), Mrs Du Burgess, Miss Whiteford

**This course leads to:** Level 2 Commerce

AS	Title	Credits	Internal or External
AS92028	Demonstrate understanding of an organisation's financial decision-making	5 credits NCEA L1	I
AS92029	Demonstrate understanding of price determination for an organisation	5 credits NCEA L1	I

What are the course enhancement costs?

- \$68 trip to Rainbow's End



# COMMERCE- LEVEL 1

## Money Matters Semester 2

Get ready to dive into the thrilling world of financial connections, where every decision can set off a chain reaction across the economy! In this course, you'll uncover how different parts of the economy are all linked and depend on each other. Find out how



things like natural disasters, cultural events, or market shifts can create immediate and long-term impacts on businesses, customers, and society. You'll also see how government actions, like changes in minimum wage or taxes, influence these financial relationships. By the end, you'll have the skills to confidently make personal and business decisions, even when things go wrong, based on proven strategies and their predicted effects.

**Contact Person:** Ms Redwood (HOD), Mrs Du Burgess, Miss Whiteford

**This course leads to:** Level 2 Commerce

AS	Title	Credits	Internal or External
AS92030	Demonstrate understanding of how interdependent financial relationships are affected by an event	5 credits NCEA L1	E

What are the course enhancement costs?

- Nil

# DIGITAL TECHNOLOGY- LEVEL 1

## Unleashing your Programming Powers Semester 1

Programming equips you with skills and perspectives that are increasingly valuable in today's digital age. You will learn and use Python to create an interactive quiz. HTML and CSS provide foundational skills for creating and managing web content, which are valuable in many professional and personal contexts.

**Pakiwaitara** are stories. Stories are the way we make sense of the world and our place within it. We use them to connect with others, pass on information, and communicate ideas and knowledge. You will be creating an interactive quiz to teach a cultural myth or legend important to you. You will make learning interactive, reinforce knowledge, promote critical thinking, and enhance cultural appreciation through your programming skills.



You will also create a website.

In New Zealand, we are all called to be **Kaitiakitanga** – Guardians of our earth and environment, especially for the sky, sea, and land. Our ability to survive on our planet relies on the nature around us, which is why we are called to protect God's creation.

You will use your programming skills to create a **website** to

- Reflect kaitiakitanga.
- Promote kaitiakitanga. or
- For a group or organization within your school or local community that focuses on kaitiakitanga

**Contact Person:** Mrs Al-Rubaie

**This course leads to:** Level 2 Digital Technology

AS	Title	Credits	Internal or External
AS92004	Create a computer program	5 credits NCEA L1	I
AS92005	Develop a digital technologies outcome	5 credits NCEA L1	I

**What are the course enhancement costs?**

- Nil (Will require headphones)

# DIGITAL TECHNOLOGY- LEVEL 1

## Interface Innovators Human – Computer Harmony Semester 2

HCI (Human – Computer Interaction) involves studying how people interact with computers and designing technologies that let people interact with computers in novel and effective ways.

Studying HCI equips you with the skills and knowledge to design and develop technology that is user-friendly, efficient, and accessible. It helps you understand and anticipate user needs, leading to better-designed products and systems that enhance user satisfaction and overall effectiveness



**Contact Person:** Mrs Al-Rubaie

**This course leads to:** Level 2 Digital Technology

AS	Title	Credits	Internal or External
AS92006	Demonstrate understanding of usability in human-computer interfaces	5 credits NCEA L1	E

What are the course enhancement costs?

- Nil (Will require headphones)

# DRAMA - LEVEL 1

## Theatre Aotearoa Semester 1

### **Te toi whakairo, ka ihiihi, ka wehiwehi, ka aweawe te ao katoa**

*Artistic excellence makes the world sit up in wonder.*

Drama helps us to understand diverse cultural perspectives and worldviews and connect with our community.

It allows us to recognize the uniqueness of our place in the Pacific, the identity of Aotearoa New Zealand, and the rich cultural histories and traditions from all over the world that are expressed through performance.



Drama provides opportunities for ākonga to express their identities and heritages, and explore the heritages of others, creating empathy and understanding for the experiences and whakapapa of people from diverse backgrounds.

**Contact Person:** Ms Oliver

**This course leads to:** Level 2 Drama

AS	Title	Credits	Internal or External
AS91940	Explore the function of theatre Aotearoa	5 credits NCEA L1	I
AS91942	Perform a scripted role for an audience using drama techniques	5 credits NCEA L1	E

What are the course enhancement costs?

- \$60 (Scripts, costumes, props and transport to view live theatre)

# DRAMA - LEVEL 1

## Theatre is Life Semester 2

### **Te toi whakairo, ka ihiihi, ka wehiwehi, ka aweawe te ao katoa**

*Artistic excellence makes the world sit up in wonder.*

Drama celebrates and explores the concept of whakapapa. It is a carrier of traditions, cultures, and ideas that can be preserved within texts and then expressed by creators and performers through their own experiences.



By providing windows into the past, drama helps us to prepare for the future by

challenging us to reflect on the attitudes and beliefs of characters within local, regional, national, and global contexts.

Ākonga will understand that the function of drama is to heal, educate, entertain, or transform society. They discover how theatre can either challenge the status quo or reinforce it, gaining an awareness of how impactful the medium can be.

**Contact Person:** Ms Oliver

**This course leads to:** Level 2 Drama

AS	Title	Credits	Internal or External
AS91943	Respond to a drama performance	5 credits NCEA L1	E

What are the course enhancement costs?

- \$60 (Scripts, costumes, props and transport to view live theatre)

# DANCE - LEVEL 1

## Dance Aotearoa Semester 1

### **Te toi whakairo, ka ihiihi, ka wehiwehi, ka aweawe te ao katoa**

*Artistic excellence makes the world sit up in wonder.*

In Dance, the Learning Area whakataukī is about an exchange of energy — this involves ihi, wehi, and wana. Ihi is shared by radiating energy during choreography, rehearsals, and performance. This energy causes observers to experience wehi when they feel an emotional response to the ihi. Wana is created when these two energies connect, inspiring a sense of awe.

Dance is shaped by culture and represents culture. Ākonga can express and share their culture through movement. Dance is a way to access and benefit from mātauranga Māori and te ao Māori, and Pacific knowledges, worldviews, and values. Through Dance, ākonga can connect with and appreciate different ideas and beliefs and build connections across cultures.



**Contact Person:** Ms Oliver

**This course leads to:** Level 2 Dance

AS	Title	Credits	Internal or External
AS91937	Perform dance sequences	6 credits NCEA L1	I
AS91938	Demonstrate understanding of the relationship between cultural context and key features of a dance genre or style	4 credits NCEA L1	E

What are the course enhancement costs?

- \$50 APRA, music and performance license, live dance shows and transportation, costumes, technologies

# DANCE - LEVEL 1

## We Compose Together Semester 2

### **Te toi whakairo, ka ihiihi, ka wehiwehi, ka aweawe te ao katoa**

*Artistic excellence makes the world sit up in wonder.*

Dance helps us to build, explore, and take care of relationships. This whakawhanaungatanga is important for physical, emotional, and spiritual health, giving us a sense of belonging, community, and identity. Relationships are also built between performers and audiences through ihi, wehi, and wana.

The values of vā, alofa, and manaakitanga also help to create a safe and respectful space where ākonga can feel comfortable to bring their whole selves when working together. Diverse identities, abilities, and roles are respected and celebrated, helping ākonga to value and learn from each other.



**Contact Person:** Ms Oliver

**This course leads to:** Level 2 Dance

AS	Title	Credits	Internal or External
AS91936	Compose a dance sequence in response to a brief	5 credits NCEA L1	I

What are the course enhancement costs?

- \$60 (Scripts, costumes, props and transport to view live theatre)

## ENGLISH - LEVEL 1

### Voices for Change: Exploring Social Movements and Contemporary Social Issues Semester 1

There is a lot happening in the world today. Wars, gender and racial inequalities, environmental threats, social, political and economical marginalisations... the list goes on and sadly, the world can feel pretty grim. Fortunately, we have a world full of people who are ready to stand up and be a voice for the voiceless and are empowered to take collective action.



This module looks into studying texts (poetry, articles, short stories, speeches, novels, films) about particular social issues, and how past and current movements have created change.

We will delve into the power of language and how appropriate and impactful language can lead to change, so that more voices can be heard.

We can make an impact in big ways or small. There is hope in this world. Together, we can be the change.

**Contact Person:** Ms Du-Blom

**This course leads to:** Level 2 English

AS	Title	Credits	Internal or External
AS91924	Demonstrate how context shapes verbal language use	5 credits NCEA L1	I
AS91925	Demonstrate understanding of specific aspects of studied texts	5 credits NCEA L1	I

What are the course enhancement costs?

- \$20 Possibly shows/movie screening of studied texts



# ENGLISH - LEVEL 1

## The Reading Circle - Book Club Semester 1

A great way to build a 'reading' culture into your life. Book Club will involve reading a variety of text-types including poetry, short stories, novels and film.

There will be two genres to join – a study of the classics or sports (TBC).



Engaging texts will be selected for students, and thought-provoking conversations will be had around these texts to learn about different perspectives. This will lead into a study of language use shaping contexts (1.1) as well as looking into how a variety of aspects help shape main themes and ideas.

**Contact Person:** Ms Du-Blom or Ms Qian

**This course leads to:** Level 2 English

AS	Title	Credits	Internal or External
AS91924	Demonstrate how context shapes verbal language use 5 credits NCEA L1 Internal Change contact person	5 credits NCEA L1	I
AS91925	Demonstrate understanding of specific aspects of studied texts	10 credits NCEA L1	I

What are the course enhancement costs?

- \$25 for a take home book, possibly other costs associated with trips and transport.

# ENGLISH - LEVEL 1

## Unlocking the Power of Language Semester 2

Dive deep into the fascinating world of language with this course designed to uncover language features and structures that shape human communication.

A range of text studies from fiction texts, non-fiction prose to poetry will be explored and discussions into how language can carry so much power and shape meaning for our understanding.



**Contact Person:** Ms Du-Blom

**This course leads to:** Level 2 English

AS	Title	Credits	Internal or External
AS91927	Demonstrate understanding of significant aspects of unfamiliar texts	5 credits NCEA L1	E

What are the course enhancement costs?

- \$20 Possibly shows/movie screening of studied texts

# ENGLISH - LEVEL 1

## Writing Horizons Semester 2

Everyone has a story to tell. This is a course calling for all writers. In this module, students will explore a variety of writing styles – from narrative prose, to poetry, to persuasive and expository writing.



Students will have the time to play around and have fun with writing and develop their own style to become confident and capable writers.

**Contact Person:** Ms Du-Blom or Ms Qian

**This course leads to:** Level 2 English

AS	Title	Credits	Internal or External
AS91926	Develop ideas in writing using stylistic and written conventions	5 credits NCEA L1	E

What are the course enhancement costs?

- \$15 Sigma 1.3 Creative and Formal Workbook, \$10 notebook for brainstorming.

# ENGLISH FOR ACADEMIC PURPOSES - LEVEL 1

## 'From Moa to Today: Exploring NZ's Natural and Historical Heritage' Semester 1

Language is the key to unlocking doors in education, career, and beyond. Effective communication allows us to confidently share ideas, persuade others, and navigate complex information. In this module, you'll discover the power of language and sharpen your academic skills while exploring New Zealand's rich and unique natural heritage.



Centred around the theme of New Zealand's flora and fauna, particularly its remarkable bird species, this course will enhance your ability to read, write, and communicate in academic contexts. You will delve into New Zealand's unique geology and ecosystems, traveling back in time to learn about the extinct Moa and Haast's eagle and the present-day challenges facing native species.

Throughout this course, you'll learn to structure essays, write research reports, and engage in discussions with clarity and precision, all while gaining fascinating insights into New Zealand's natural world.

By the end of this course, you will have the confidence to express yourself academically, mastering the language needed to succeed in your studies and future professional endeavours. These skills will be invaluable in any academic or professional environment where clear, coherent communication is essential.

**Contact Person:** Miss Picot

**This course leads to:** Level 2 EAP

AS	Title	Credits	Internal or External
EL30997	Read and understand a text on a familiar topic	5 credits NCEA L1	I
EL28068	Write a connected text on a familiar topic	5 credits NCEA L1	I

What are the course enhancement costs?

- Nil

# ENGLISH FOR ACADEMIC PURPOSES - LEVEL 1

## 'Telling My Country's Story: A Journey Through Heritage' Semester 2

Discovering and sharing our heritage is a powerful way to connect with others and deepen our understanding of our own identity. In this module, you'll explore your home country's rich culture, history, and geography while developing the oral language and research skills needed for effective communication. Through guided research, you'll create a compelling presentation that highlights the unique aspects of your heritage.



Focusing on public speaking, clear pronunciation, and structured delivery, this course will help you build confidence in presenting your ideas. You'll also enhance your research skills, learning how to investigate and present relevant information about your country's history, traditions, and environment.

By the end of this module, you'll be able to confidently present your research on your home country, equipped with the oral communication and presentation skills needed for success in both academic and professional settings.

**Contact Person:** Miss Picot

**This course leads to:** Level 2 ENA

AS	Title	Credits	Internal or External
EL31027	Deliver a developed presentation on a familiar topic	5 credits NCEA L1	I

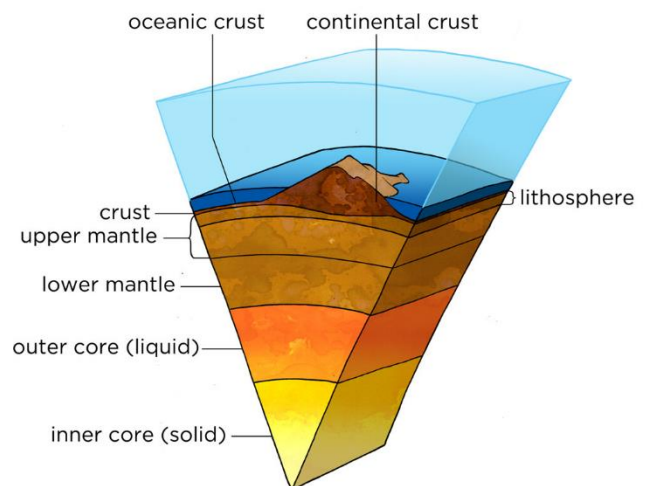
What are the course enhancement costs?

- \$15 Sigma 1.3 Creative and Formal Workbook, \$10 notebook for brainstorming.

# GEOGRAPHY - LEVEL 1

## Shifting Plates, Shifting Climates Semester 1

'Shifting Plates' invites you to delve into the hidden fractures beneath the Earth's crust, uncovering the mysteries of why the ground trembles and how humanity endures these powerful forces. Measure the energy of earthquakes and identify the locations of the world's most prominent areas for these seismic events. Learn about different distribution patterns in both the natural and cultural environment, while understanding the processes that drive the movement of the earth's crust.



'Shifting Climates' takes you on a journey to decipher the mysterious patterns of the atmosphere, as we conduct geographic research to unlock the secrets hidden within the skies. Build your own weather station and analyse temperature, humidity, wind, and precipitation to predict climate trends and forecast the daily weather. In the end you will gain insights into the complex systems that influence the weather conditions we experience each day.

**Contact Person:** Mr Rimamate or Ms Redwood

**This course leads to:** Level 2 Geography

AS	Title	Credits	Internal or External
AS91932	Demonstrate understanding of the spatial distribution of a phenomenon and its impacts on place	5 credits NCEA L1	I
AS91933	Explore an environment using data	5 credits NCEA L1	I

What are the course enhancement costs?

- \$60 for a trip to Rangitoto Island

# GEOGRAPHY - LEVEL 1

## Crossroad of Choice Semester 2

Imagine standing at a crossroad where each path you choose weaves a different story. Take on the challenge to solve problems in the Pacific and examine every value, aspect and perspective involved.

Investigate the powerful forces driving decisions and uncover the region's hottest geographical issues—from the fight against climate change to the struggle over resources, cultural preservation and identity, and economic vulnerability. You'll engage in debates and unravel challenges that will bring you to a crossroad.



This is where your passion for discovery of the Pacific meets real-world action. What decision will you make to solve these confronting issues? Be ready to tackle the tough calls people of the Pacific face when they encounter challenges head-on.

**Contact Person:** Mr Rimamate or Ms Redwood

**This course leads to:** Level 2 Geography

AS	Title	Credits	Internal or External
AS91935	Demonstrate understanding of decision-making in response to a geographic challenge in the wider Pacific region	5 credits NCEA L1	E

What are the course enhancement costs?

- Nil

# HISTORY - LEVEL 1

## Evil by Nature...or Nurture? Semester 1

Prepare to plunge into one of the darkest chapters in human history; where science was twisted into a weapon of hate, and ideologies of evil threatened to consume entire cultures. Were people in this time evil by nature, or by nurture? In this module we will unravel the sinister connections between two of history's most notorious embodiments of evil:



How did Hitler and his Nazi regime, in 1930s Germany, cast their menacing influence over the Ku Klux Klan, in 1950s America? And more critically, how did the Jewish and African American communities cling to their cultural beliefs and hope, in the face of unimaginable persecution?

Our investigation delves deep into the very evidence left behind—primary sources written, captured, and created by those who lived through this dark chapter.

Join us as we embark on a harrowing journey through history, from the horrors of Nazi Germany to the brutal realities of Jim Crow America, apartheid in South Africa, and discrimination in Aotearoa New Zealand. However, within this darkness, we will uncover stories of resilience, courage, and the invincible human spirit, revealing powerful lessons about our capacity to overcome evil and triumph through darkness.

**Contact Person:** Ms Redwood

**This course leads to:** Level 2 History

AS	Title	Credits	Internal or External
AS92025	Engage with a variety of primary sources in a historical context	5 credits NCEA L1	I
AS92025	Demonstrate understanding of the significance of a historical context	5 credits NCEA L1	I

What are the course enhancement costs?

- Nil



# HISTORY - LEVEL 1

## Turf Wars - Anarchy and Influence Semester 2

Get ready to embark on an exciting exploration of two fiercely contested historical eras, where the stakes were nothing less than land, territory, resources, and cultural identity. The echoes of these epic turf wars still reverberate through history, shaping and impacting lives even today.



Our journey begins in the rugged and lawless American Wild West (1840-1895).

This is where Native American tribes fiercely defended their way of life and autonomy against the relentless tide of white settlers, who were themselves driven by the fiery belief in their "manifest destiny." This was the era where the shot gun was king; where turf wars were fought on horseback, and lives destroyed in a heartbeat.

Next, we'll dive into the heart of the Middle East, uncovering the turbulent origins of the Israeli-Palestinian conflict (1930s-1970s). In both gripping case studies, we'll peel back the layers of cultural and ethnic tensions, unravel complex power struggles, and expose the fierce competition for resources and territory that have fuelled these enduring conflicts. Parallels with turf wars in Aotearoa New Zealand will be made where possible. Prepare for an adventure into the past that's as intense as it is enlightening!

**Contact Person:** Ms Redwood

**This course leads to:** Level 2 History

AS	Title	Credits	Internal or External
AS92026	Demonstrate understanding of historical concepts in contexts of significance to Aotearoa NZ	5 credits NCEA L1	E
OR			
AS92027	Demonstrate understanding of perspectives on a historical context	5 credits NCEA L1	E

What are the course enhancement costs?

- Nil

## JAPANESE - LEVEL 1

### 'About Me: My Space, My Place, My Connections, My Community' Semester 1

You live a new life for every new language you speak, welcome to Level 1 Japanese! In a range of everyday situations through person-to-person interactions; social media platforms and digital tools in collaborative learning contexts, together, we will explore our whakawhanaugātanga and you introduce to the world your stories, "ABOUT ME: my space, my place, my connections, my community"



It's an adventure of creative discoveries as you grow your intercultural awareness through exploring your own cultural heritage and Japanese culture - the people and their way of life and questioning assumptions and stereotypes. You will explore how language and culture affect, and work together in, communication. You are on your way to be a Japanese language user not just a Japanese language learner. You will develop communicative skills to present simple information and interact with others in a range of predictable contexts. It's FUN!

**Contact Person:** Ms Kevern

**This course leads to:** Level 2 Japanese

AS	Title	Credits	Internal or External
AS91957	Communicate in Japanese for a chosen purpose	5 credits NCEA L1	I

What are the course enhancement costs?

- \$30 iiTomo 3/4 Student Workbook and \$20 Language Perfect User License (NZ Curriculum based Japanese Vocabulary Learning Website)

## JAPANESE - LEVEL 1

### 'The Power of Being Me – My Community Membership' Semester 2

'Open door to home, hearts and mind' and 'be part of the world's rich tapestry of cultural diversity', welcome to Level 1 Japanese! In a range of everyday situations through person-to-person interactions; social media platforms and digital tools in collaborative learning contexts, together, you will explore your taonga and introduce to the world "MY TREASURE – in the space, the place and the community I belong to"



This course will explore and grow your intercultural awareness by exploring your own cultural heritage and Japanese culture - the people and their way of life and questioning assumptions and stereotypes. You will be exposed to, practise, and enjoy experimenting with a wide range of spoken, written, and visual Japanese language. You will explore the use of script and the connection between script and pronunciation in everyday contexts. You will acquire simple linguistic strategies and basic knowledge of how to use resources to make meaning from unfamiliar language.

You will develop a foundational awareness that oral features such as pronunciation and intonations can communicate different meanings. Let's take a walk in someone else's shoes, as we embark on the journey of becoming Japanese language users not just Japanese language learners. It's FUN!

**Contact Person:** Ms Kevern

**This course leads to:** Level 2 Japanese

AS	Title	Credits	Internal or External
AS91958	Demonstrate understanding of written Japanese related to everyday contexts	5 credits NCEA L1	E
AS91959	Demonstrate understanding of written Japanese related to everyday contexts	5 credits NCEA L1	E

What are the course enhancement costs?

- \$30 iiTomo 3/4 Student Workbook and \$20 Language Perfect User License (NZ Curriculum based Japanese Vocabulary Learning Website)

**TE REO MĀORI - LEVEL 1**  
**Kōrerotia Te Reo Speak the Language Semester 1**

Dive into the vibrant world of Te Reo Māori through "Kōrero & Mihi". This course blends interactive conversation skills with the art of expressing gratitude. You'll have the chance to practice spontaneous, meaningful dialogue and create heartfelt mihi to honor te reo Māori language events. Explore your connections with peers, share your experiences, and develop your kete of knowledge to speak Te Reo Māori with confidence and clarity. By the end, you'll not only enhance your language skills but also celebrate the rich cultural traditions of Aotearoa and understanding of tikanga Māori. Join us to connect, communicate, and contribute to the living legacy of Te Reo Māori! Kōrerotia te reo i ngā wā katoa!



**Contact Person:** Mrs Hiddleston

**This course leads to:** Level 2 Te Reo Māori

AS	Title	Credits	Internal or External
AS92092	Te kōrerorero i ngā pārongo, i ngā ariā me ngā whakaaro Interact in spoken reo Māori to share and respond to information, ideas, and opinions	5 credits NCEA L1	i
AS92093	Te whakapuaki whakaaro e pā ana ki tētahi horopaki e ora nei te reo Communicate in te reo Māori in relation to a language vitality context	5 credits NCEA L1	i

What are the course enhancement costs?

- \$20 trips/guest speakers (TBC)

# TE REO MĀORI - LEVEL 1

## Ake, Ake, Ake A Forever Language Semester 2

Your writing skills in te reo Māori are about to flourish! This course is designed to help you develop a range of language devices to express information, ideas, and opinions.



Develop your ability to craft clear, engaging texts that reference past and present events, while experimenting with a variety of vocabulary and sentence structures. You'll explore how you contribute to the revitalisation of te reo Māori and investigate the key values of the Māori culture and Māori principles that are embedded in the language. Join us and become a confident writer in Te Reo Māori.

**Contact Person:** Mrs Hiddleston

**This course leads to:** Level 2 Te Reo Māori

AS	Title	Credits	Internal or External
AS92095	Te tuhi e pā ana ki tētahi horopaki e taunga ana Communicate in written reo Māori relating to a familiar context	5 credits NCEA L1	E

What are the course enhancement costs?

- \$20 trips/guest speakers (TBC)

# NUMERACY - LEVEL 1

## Numeracy Coaching Semester 1 or Semester 2

Numeracy coaching is for students who need a bit of extra support to pass the Numeracy corequisite.

Any student in Year 11, 12 or 13 who has yet to pass the Numeracy component of NCEA is strongly suggested to take this course.



The course will cover key concepts and practice questions so that you can walk in to the external, confident in your abilities.

It is recommended to own a scientific calculator.

**Contact Person:** Ms O'Carroll

**This course leads to:** Gaining NCEA co-requisite

AS	Title	Credits	Internal or External
US32406	Apply mathematics and statistics in a range of everyday situations	10 credits NCEA L1	E

What are the course enhancement costs?

- \$15 for Walker Maths Numeracy Practice book

## MATHEMATICS AND STATISTICS - LEVEL 1

### Urban Planning Semester 1

Dive into Urban Planning, focusing on transforming Aotearoa New Zealand's urban landscapes through mathematical methods. Analyse population growth and housing demands to create thriving communities.



Investigate transportation networks and traffic flow to design efficient, safe travel routes. Explore sustainable urban development practices that ensure a greener, more resilient future. Apply cutting-edge mathematical techniques to tackle real-world planning and development challenges. This course empowers you to make informed, impactful decisions that shape the cities of tomorrow. Join us and become a visionary in urban planning, driving positive change across Aotearoa!

**Contact Person:** Ms O'Carroll

**This course leads to:** Level 2 Mathematics

AS	Title	Credits	Internal or External
AS91944	Explore data using a statistical enquiry process	5 credits NCEA L1	I
AS91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific	5 credits NCEA L1	I

What are the course enhancement costs?

- \$34 for Walker Maths 1.1 Workbook and 1.2 Workbook

# MATHEMATICS AND STATISTICS- LEVEL 1

## Garden Stats: Cultivating Insight through Data Semester 1

Unleash your analytical prowess with this practical option of "Garden Stats: Cultivating Insights through Data." This dynamic course immerses you in the statistical enquiry process, tailored to gardening and landscaping in Aotearoa New Zealand and the Pacific. Learn to explain variations in data collection, present your findings with striking visualisations, and describe data features in context. Tackle real-world gardening and landscaping challenges using appropriate mathematical methods and communicate your results accurately. Whether you're analysing soil quality, plant growth, or landscape design, this course equips you with the tools to make informed, data-driven decisions. Join us and transform your garden into a thriving, well-planned oasis!



**Contact Person:** Ms O'Carroll

**This course leads to:** Level 2 Mathematics

AS	Title	Credits	Internal or External
AS91944	Explore data using a statistical enquiry process	5 credits NCEA L1	I
AS91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific	5 credits NCEA L1	I

What are the course enhancement costs?

- \$17 for Walker Maths 1.1 Workbook and 1.2 Workbook



# MATHEMATICS AND STATISTICS - LEVEL 1

## Fly Me to the Moon Semester 1

Fly Me to the Moon is an engaging but higher level Year 11 mathematics course that explores the wonders of space through the lens of statistical enquiry and mathematical methods. Covering the new NCEA standards 91944 and 91945, students will



investigate data related to moon missions and use mathematical modelling to solve real-world problems relevant to life in Aotearoa New Zealand and the Pacific. Through practical applications and hands-on projects, this course aims to inspire curiosity and develop critical thinking skills, preparing students for advanced studies and everyday challenges. Join us for a journey beyond the stars, where math meets exploration.

**Contact Person:** Ms O'Carroll

**This course leads to:** Level 2 Mathematics

AS	Title	Credits	Internal or External
AS91944	Explore data using a statistical enquiry process	5 credits NCEA L1	I
AS91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific	5 credits NCEA L1	I

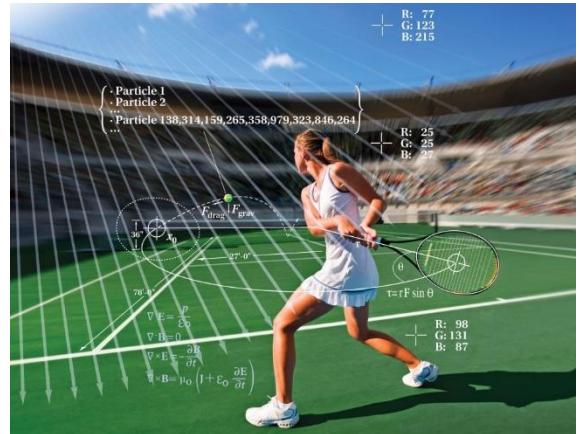
What are the course enhancement costs?

- \$17 for Walker Maths 1.1 Workbook and 1.2 Workbook

# MATHEMATICS AND STATISTICS - LEVEL 1

## Math in Motion: Sport Edition Semester 1

Math in Motion: Sports Edition is a dynamic Year 11 mathematics course that brings the excitement of sports into the classroom. Aligned with the new NCEA standards 91944 and 91945, this course empowers students to explore data through statistical enquiry and apply mathematical methods to solve practical problems. From analysing player performance to optimizing game strategies, students will engage with real-world sports scenarios relevant to life in Aotearoa New Zealand and the Pacific.



This hands-on, interactive course is perfect for those who love sports and want to see how math plays a crucial role in every game.

**Contact Person:** Ms O'Carroll

**This course leads to:** Level 2 Mathematics

AS	Title	Credits	Internal or External
AS91944	Explore data using a statistical enquiry process	5 credits NCEA L1	I
AS91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific	5 credits NCEA L1	I

What are the course enhancement costs?

- \$34 for Walker Maths 1.1 Workbook and 1.2 Workbook

# MATHEMATICS AND STATISTICS - LEVEL 1

## Reason with Maths Semester 2

Enhance your analytical skills with this course designed to deepen your mathematical reasoning. Learn to demonstrate mathematical reasoning by using methods, concepts, and terms effectively while communicating with appropriate representations. Develop relational thinking by carrying out sequences of steps and making precise mathematical statements. Advance to extended abstract thinking by forming clear logical chains, generalising concepts, providing proofs, and extending methods to solve complex problems. This course equips you with the tools to approach mathematical challenges systematically and thoughtfully, fostering a robust understanding and application of mathematical principles.



Join us to become a proficient mathematical thinker.

**Contact Person:** Ms O'Carroll

**This course leads to:** Level 2 Mathematics

AS	Title	Credits	Internal or External
AS91947	Demonstrate mathematical reasoning	5 credits NCEA L1	E

What are the course enhancement costs?

- \$17 for Walker Maths 1.4 Workbook

# MATHEMATICS AND STATISTICS - LEVEL 1

## Being Judgemental Semester 2

Unlock the power of informed decision-making with our course, 'Being Judgemental' Learn to interpret and apply mathematical and statistical information in context using relational thinking. Explore how to explain variations in extracted data and use this understanding to make well-founded judgements. By analysing information from



mathematical and statistical media, you'll gain the skills to explain how decisions are reached and the reasoning behind them. This course empowers you to critically evaluate data, make informed choices, and communicate your decisions effectively.

Join us to become adept at making precise and informed judgements using the power of maths and stats. .

**Contact Person:** Ms O'Carroll

**This course leads to:** Level 2 Mathematics

AS	Title	Credits	Internal or External
AS91946	Interpret and apply mathematical and statistical information in context	5 credits NCEA L1	E

What are the course enhancement costs?

- \$17 for Walker Maths 1.3 Workbook

# MUSIC - LEVEL 1

## Making Music Semester 1

Making Music lets you create and perform your own music.

Whether you are a soloist or prefer being part of a band, this

module will give you the time and space to nurture your talent.

You will compose music, perform music, and participate in a range of authentic performance opportunities including, but not limited to, Stand Up and Stand Out, Rock Quest or Play it Strange, etc.



**Contact Person:** Mr Gibbs

**This course leads to:** Level 2 Music

AS	Title	Credits	Internal or External
AS91949	Demonstrate music performance skills	5 credits NCEA L1	I
AS91951	Shape music ideas to create an original composition; AS91949 – Demonstrate music performance skills	5 credits NCEA L1	E

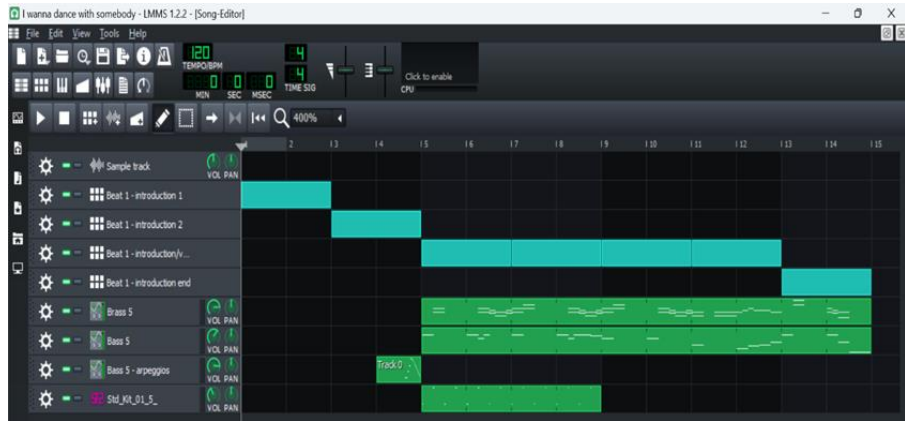
What are the course enhancement costs?

- No cost unless the student needs to hire an instrument.

# MUSIC - LEVEL 1

## Beats and Boom Semester 2

Do you dream of mixing music? In this module, you will create at least 40 seconds' worth of a piece of music, basically in the form of a karaoke track using a Digital Audio Workstation (such as Musescore, Garageband, LMMS, Bandlab, Logic, etc.).



You will hone the sounds of the instruments to make your track sound as close to the original as possible, using effects such as reverb, delay, phasing, etc. Just to mix it up, you can assemble a Public Address system for a live performance setting, learning all about the magic of mixing with a desk, speakers, microphones, guitars and keyboards.

**Contact Person:** Mr Gibbs

**This course leads to:** Level 2 Music

AS	Title	Credits	Internal or External
AS91948	Beats recreation; US26687 - Demonstrate and apply knowledge of sound for an entertainment and event context	5 credits NCEA L1	I
OR			
US26687	Demonstrate and apply knowledge of sound for an entertainment and event context	5 credits NCEA L1	I

What are the course enhancement costs?

- No cost unless the student needs to hire an instrument.

# PHYSICAL EDUCATION - LEVEL 1

## Push Yourself to New Heights Semester 1

Get ready for a semester filled with challenges and exciting experiences in 11 Physical Education Studies! By taking this course, you will explore and apply movement strategies through active participation in a range of team-based sports, with a special focus on Ki-O-Rahi, a traditional Māori game.



Beyond the gym and the field, the semester will extend into the great outdoors and engage in various outdoor activities, including group challenges and camp experiences, where you will demonstrate and refine strategies that foster unity and whanaungatanga.

Throughout the semester, students will be encouraged to collaborate, communicate effectively, and support each other, developing essential strategies for success both on and off the field. Get ready to push your limits and achieve greatness in both individual and group settings.

**Contact Person:** Mr James

**This course leads to:** Level 2 Physical Education

AS	Title	Credits	Internal or External
AS92016	Apply movement strategies in an applied setting	5 credits NCEA L1	I
AS92017	Demonstrate understanding of the application of strategies in movement	5 credits NCEA L1	I

What are the course enhancement costs?

- \$150-\$200 Includes camp fees and transportation, Wero Whitewater, and external providers for activities. TBC in 2025.

# PHYSICAL EDUCATION - LEVEL 1

## Fundamentals of Movement Semester 2

This Physical Education Module explores the ideas of Te Ao Māori, biophysical, and sociocultural influences on physical activity.

You will learn the fundamentals of human anatomy, physiology, and movement analysis, applying these concepts in practical settings. The module further examines how media, pop culture, and societal norms influence participation in sports.

Through projects and discussions, students will critically assess the impact of these factors on their perceptions of physical activity.

Students will get to get active and experience activities like Tough Guy and Girl challenge, skateboarding, rock climbing and experience a range of practical cultural games, incorporating their findings into their assessment.

This semester is a highly recommended for those who are wanting to take 12PES and 13PES in their future years, as it continues to develop the key foundational knowledge for these courses.

**Contact Person:** Mr James

**This course leads to:** Level 2 Physical Education



AS	Title	Credits	Internal or External
AS92019	Demonstrate understanding of influences on movement in Aotearoa New Zealand or the Pacific	5 credits NCEA L1	E

What are the course enhancement costs?

- \$100-\$120 TBC in 2025



# HEALTH EDUCATION - LEVEL 1

## Exploring our Hauora as Teenagers Semester 1

Welcome to Level 1 Health. This course will equip you with essential knowledge and practical skills to navigate the complexities of mental health, stress management, along with tackling crucial issues regarding drugs, alcohol, and cyber bullying.



Through interactive activities, discussions research and case studies, you will develop self-awareness, resilience, and learn positive, health enhancing, decision-making skills. This course will have opportunities for students to have hands on experiences to enhance their understanding, which will include Yoga, Harakeke (flax weaving) and immersion in nature, to name a few. These experiences are designed for students to understand mindful activities and have an impact all areas of their Hauora.

**Contact Person:** Mr James

**This course leads to:** Level 2 Physical Education

AS	Title	Credits	Internal or External
AS92008	Demonstrate understanding of Hauora in a health-related context through the application of a model of health	5 credits NCEA L1	I
AS 92009	Demonstrate understanding of decision-making in a health-related situation	5 credits NCEA L1	I

What are the course enhancement costs?

- \$100-\$130 TBC in 2025

# HEALTH EDUCATION - LEVEL 1

## Hauora Enhancement Semester 2

This course will challenge students' thoughts around Hauora and wellbeing and will make them develop and create strategies which can have Health enhancing outcomes for themselves, others, and wider society.



This standard is great for critical thinking, linking in health factors in relation to the social determinants along with reflecting on social constructs, power imbalances, biases, and assumptions that impact Hauora

**Contact Person:** Mr James

**This course leads to:** Level 2 Physical Education

AS	Title	Credits	Internal or External
AS92011	Demonstrate understanding of Hauora in a health-related context through the application of a model of health	5 credits NCEA L1	E

What are the course enhancement costs?

Nil

# SCIENCE - LEVEL 1

## Chemical Reactions and Forces Semester 1

This course introduces students to the foundational concepts of chemistry, with a focus on understanding and applying key chemical reactions—acid-base, combustion, and



precipitation—in real-world contexts. Students will explore the principles governing these reactions, including the behavior of acids and bases, the energetics of combustion, and the formation of precipitates. We will explore fundamental physical phenomena related to mechanics, combining theoretical concepts with hands-on investigations. Students will study the principles of motion, forces, energy, and momentum, and how these concepts apply to real-world situations. The course will emphasize the scientific method, guiding students through experiments and problem-solving activities that illustrate key mechanical principles. This module will include a number of practical activities.

**Contact Person:** Mr Williamson

**This course leads to:** Level 2 Chemistry and Physics

AS	Title	Credits	Internal or External
AS92021	Demonstrate understanding of chemical reactions in context	6 credits NCEA L1	I
AS92045	Demonstrate understanding of a physical phenomenon through investigation	5 credits NCEA L1	I

What are the course enhancement costs?

- \$24 Scipad and Education Perfect

# SCIENCE - LEVEL 1

## Human Impacts on the Earth Semester 1

This course explores key chemical reactions—neutralization, combustion, and precipitation—and their critical roles in driving human-induced changes within the Earth system. Students will investigate how these reactions contribute to environmental issues such as acid rain, climate change, pollution, and soil degradation. The course will examine the science behind these reactions, from the release of greenhouse gases during combustion to the neutralization processes used in pollution control, and the formation of pollutants through precipitation reactions. Students will gain a deep understanding of how chemical processes are linked to environmental challenges, and how science can inform solutions to mitigate human impact on the planet.



This module will include a number of practical activities.

**Contact Person:** Mr Williamson

**This course leads to:** Level 2 Chemistry and Biology

AS	Title	Credits	Internal or External
AS92044	Demonstrate understanding of human-induced change within the Earth system	5 credits NCEA L1	I
AS92021	Demonstrate understanding of chemical reactions in context	6 credits NCEA L1	I

What are the course enhancement costs?

- \$24 Scipad and Education Perfect

# SCIENCE - LEVEL 1

## Biology of DNA – The Blueprint of Life Semester 2

Have you ever wondered what makes your physical characteristics similar yet different from your parents or other family members? This



course investigates the principles and mechanisms underlying genetic variation, the foundation of biological diversity. Students will explore how genetic differences arise through mutations, gene flow, recombination, and other processes, and how these variations influence traits, evolution, and species adaptation. The course will also cover the role of genetic variation in health and disease, examining how genetic diversity affects susceptibility to illnesses and responses to treatments. Students will gain a deep understanding of how genetic variation shapes the living world and its implications for fields such as medicine, agriculture, and conservation.

**Contact Person:** Mr Williamson

**This course leads to:** Level 2 Biology

AS	Title	Credits	Internal or External
AS92022	Demonstrate understanding of genetic variation in relation to an identified characteristic	5 credits NCEA L1	E

What are the course enhancement costs?

- \$12 Scipad and Education Perfect

# SCIENCE - LEVEL 1

## Biology of Microorganisms – Friend or Foe? Semester 2

Are bacteria, fungus and viruses a friend or foe? This course investigates the dual nature of microorganisms, examining how these tiny organisms can be both essential allies and dangerous adversaries. Students will explore the beneficial roles microorganisms play in health, industry, and the environment, such as in digestion, fermentation, and nutrient cycling.

Conversely, the course will also cover the harmful aspects, including pathogenic bacteria, viruses, and fungi that cause diseases in humans, animals, and plants. Students will gain a balanced perspective on the complex plays microorganisms play in our world, enabling them to assess their impact on global health and ecosystems.



This module will include a number of practical activities.

**Contact Person:** Mr Williamson

**This course leads to:** Level 2 Biology

AS	Title	Credits	Internal or External
AS92020	Demonstrate understanding of the relationship between a microorganism and the environment	5 credits NCEA L1	I

What are the course enhancement costs?

- \$12 Scipad and Education Perfect

**TECHNOLOGY**  
**DESIGN AND VISUAL COMMUNICATION DVC - LEVEL 1**

**Waharoa / Gateway Spatial Design Semester 1**

Using a Spatial themed approach, this module looks at Design influences and stakeholder needs to design and present a plausible waharoa /gateway design. This module will allow you to discover how to design an outcome that will be visually presented as either a drawn artist's impression, an accurate scale model, or designing a visual on CAD.

There will be cultural support and advice from renown Māori carvers, and clients who seek to introduce their own waharoa as part of their quest to embrace Te Ao Mārama/Māori.



It would be advisable to have taken Year 9 and/or Year 10 DVC as prerequisites.

**Contact Person:** Mr Weijermars

**This course leads to:** Level 2 Design and Visual Communication

AS	Title	Credits	Internal or External
AS92000	Internal: Generate spatial design ideas using visual communication techniques in response to design influences	5 credits NCEA L1	I
AS92001	Use representation techniques to visually communicate own spatial design outcome	5 credits NCEA L1	I

What are the course enhancement costs?

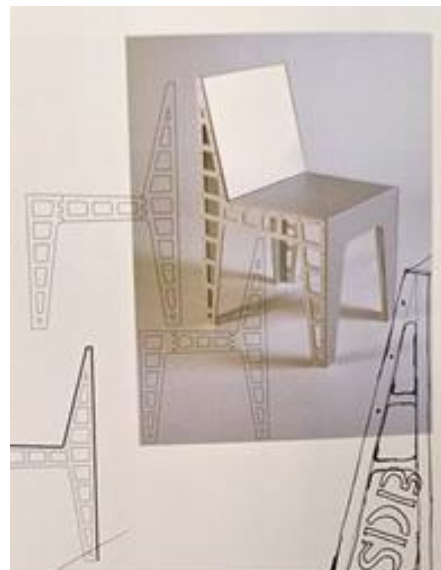
- \$15 A3 Visual diary, \$25 Basic pen set, \$15 covers, class sets of rendering equipment, coloured card, paper

# TECHNOLOGY

## DESIGN AND VISUAL COMMUNICATION DVC - LEVEL 1

### Just Hanging About – Outdoor Chair Semester 2

This outdoor chair design can relate to a global issue (e.g. material waste), or it could be personal (e.g. comfort under all weather conditions). It could relate to anyone wishing to use it at school or be used at home. Students use these ideas and design principles to create a design for an outdoor chair, including a specific situation, choice of materials and the person or people who the chair will be used for.



**Contact Person:** Mr Weijermars

**This course leads to:** Level 2 Design and Visual Communication

AS	Title	Credits	Internal or External
AS92002	Develop product design ideas informed by the consideration of people	5 credits NCEA L1	E

What are the course enhancement costs?

- \$15 A3 Visual diary, \$25 Basic pen set, \$15 covers, class sets of rendering equipment, coloured card, paper



# TECHNOLOGY

## MATERIALS AND PROCESSING – FOOD TFM - LEVEL 1

### Culinary Alchemy: Experimenting with Ingredients Semester 1

Step into the world of Culinary Alchemy, where you take the lead in designing and creating an innovative food product that addresses a genuine need. This student-driven module invites you to brainstorm, experiment, and bring your culinary ideas to life with guidance from your teacher.



Collaborate with your peers to identify a key stakeholder and gather feedback throughout the process, ensuring your product meets real-world demands. Draw inspiration from culinary innovators like Heston Blumenthal as you explore the science of ingredients and push the boundaries of taste and creativity. Are you ready to make your mark in the world of food technology?

**Contact Person:** Mr Campbell

**This course leads to:** Level 2 Food Technology

AS	Title	Credits	Internal or External
AS92014	Demonstrate understanding of sustainable practices in the development of a Materials and Processing Technology design	4 credits NCEA L1	E
AS92013	Experiment with different materials to develop a Materials and Processing Technology outcome	6 credits NCEA L1	I

What are the course enhancement costs?

- \$80 Basic ingredients.

**TECHNOLOGY**  
**MATERIALS AND PROCESSING – FOOD TFM - LEVEL 1**

**Edible Engineering: Designing Delicious Creations Semester 2**

Unleash your creativity in "Edible Engineering: Designing Delicious Creations"! In this hands-on course, you'll craft an authentic brief to solve real culinary challenges, design and test innovative recipes, and refine them based on feedback.



You'll create prototypes, research existing products, and learn how to make informed improvements.

Whether you're passionate about food or curious about the science behind it, this course will guide you from concept to creation, equipping you with the skills to develop dishes that are not only delicious but also fit for purpose. Join us and bring your culinary ideas to life!

**Contact Person:** Mr Campbell

**This course leads to:** Level 2 Food Technology

AS	Title	Credits	Internal or External
AS92012	Develop a Materials and Processing Technology outcome in an authentic context	6 credits NCEA L1	I

What are the course enhancement costs?

- \$80 Basic ingredients.

# TECHNOLOGY

## MATERIALS PROCESSING – TEXTILES TSM - LEVEL 1

### Fabric Fuels Fashion Semester 1

How creative are you? Even if textiles knowledge and sewing are not your thing, you will have the opportunity to develop new skills. This is a comprehensive guide to garment or item construction and styling, to create a fit-for-purpose outcome. This module combines a focus on textile techniques and application to sustainable fashion design. It will cover not only the technical aspects of garment construction but also the application of what you will have discovered in the testing and trialling of techniques and processes.



A garment or item will be manufactured for an end user that meets a need and opportunity. A second concept or outcome may be manufactured to cover the requirements of the external standard.

**Contact Person:** Mrs Rehu

**This course leads to:** Level 2 Textiles Technology

AS	Title	Credits	Internal or External
AS92012	Develop a Materials and Processing Technology Outcome in an authentic context	6 credits NCEA L1	I
AS92015	Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome	4 credits NCEA L1	E

What are the course enhancement costs?

- \$70 to cover toile fabric and notions used for testing and trialling, as well as a local tour of fabric suppliers (as below). To ensure your own choice and student individuality, you will need to provide your own fabric and accessories.

# TECHNOLOGY MATERIALS PROCESSING – TEXTILES TSM - LEVEL 1

## Transforming Textiles Semester 2

Hands-on textiles allowing you to experiment with colours, various materials, design equipment and much more, is what this unit is all about.

You will be able to explore creative textiles through testing and trialling to achieve an outcome that is intended for a specific end-user within a specific environment. Your outcome will be functional and purposeful.

Using technological practice you will plan, design for and process a textiles outcome that will be fit for purpose.

Bring along your creative flair, a desire to learn the technical aspects of material selection and creative exploration, and have some fabric fun along the way.



**Contact Person:** Mrs Rehu

**This course leads to:** Level 2 Textiles Technology

AS	Title	Credits	Internal or External
AS92013	Experiment with different materials to develop a Materials and Processing Technology outcome	6 credits NCEA L1	I

What are the course enhancement costs?

- \$40 to cover toile fabric and notions used for testing and trialling.

# TECHNOLOGY

## MATERIALS PROCESSING – Multi Materials THM - LEVEL 1

### Constructing Creative Solutions Semester 1

If designing, planning, and constructing are your thing, then this creative solutions module might be for you.

You will be designing creative solutions for the people in your life – or just for yourself. It will follow the design process and will lead you to produce a bespoke product that will tidy, protect, display, or even provide a secret space.

This is a module that is only limited by your imagination so bring along your technological know-how and a can-do attitude to create something amazing.



**Contact Person:** Mrs Rehu

**This course leads to:** Level 2 Multi Materials

AS	Title	Credits	Internal or External
AS92012	Develop a Materials and Processing Technology outcome in an authentic context	6 credits NCEA L1	I
AS92015	Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome	4 credits NCEA L1	E

What are the course enhancement costs?

- \$80 for basic testing and materials costs.

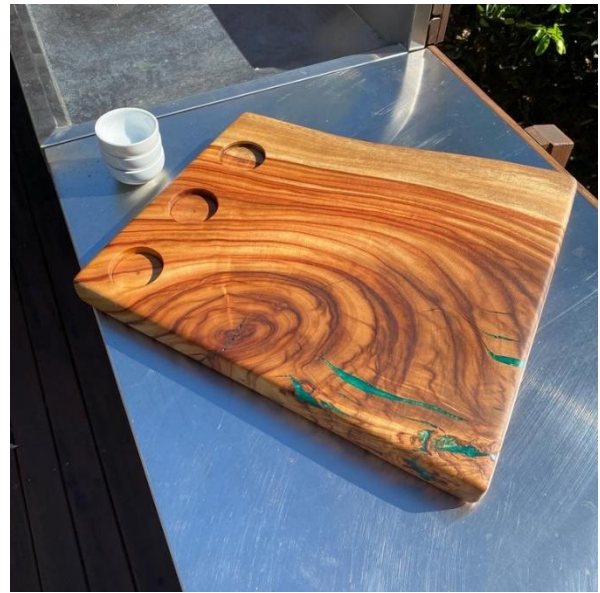
# TECHNOLOGY

## MATERIALS PROCESSING – Multi Materials THM - LEVEL 1

Materials Matter Semester 2

If you love experimenting with different materials and enjoy tinkering around until you find the right thing, this may well be the module for you.

In this module you will explore many materials and techniques (think wood, resin, paint, plastic, metal, laminates, veneer,...) before putting your creative brain into gear to produce a small item of your choice. It could be anything from a Mātariki light cube, a mini boom box or even bespoke accessories. You are limited only by your imagination – and budget!



**Contact Person:** Mrs Rehu

**This course leads to:** Level 2 Multi Materials

AS	Title	Credits	Internal or External
AS92013	Experiment with different materials to develop a Materials and Processing Technology outcome	6 credits NCEA L1	I

What are the course enhancement costs?

- \$80 for materials cost

# Planning

Subjects	Semester 1 Module	Semester 2 Module
RED		
ENG		
SCI		
MAT		Option or 2nd MATH
Option		
Option		

I am considering options leading towards a career in:

- 1.
- 2.

My learning strengths are:

- 1.
- 2.

A subject that really makes me happy is:

- 1.
- 2.



**For more information contact:**

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Deputy Principal Senior School

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