



Manurewa High School



2027

Course Information

Year 11

General Information



All Level 1 students must choose **ONE** course to study in **English, Mathematics, and Science**. A choice of **THREE** further courses must also be made.

Select **TWO** courses as your preferred choices and **ONE** course as your backup.

To study a **language** (Gagana Samoa, Spanish, Lea Faka-Tonga, Japanese) at Level One you must have studied it in Year 10 or have permission from the Head of Languages.

Please choose **FIVE** Courses – English, Maths, Science and **TWO** option courses plus **ONE** back-up subjects for a total of **SIX** courses to be selected.

Please note you cannot take all subjects and there are some exclusions to be aware of. Please see below:

Course exclusions 2027 (i.e. you can do 1 **BUT not both**):

Level 1 Digital Technology	Can take either 01DTE OR 01CTECH OR 01PTECH
Level 1 HPE	Can take either 01LPE OR 01PED Cannot take 01PED with either 01LPE OR 01HPS

National Certificate of Educational Achievement - Level 1

To gain NCEA Level 1 students need to gain the following:

- 60 credits at any level,
- 10 Literacy or Te Reo Matatini credits, and
- 10 Numeracy or Te Pāngarau credits

Level Endorsement:

- **Merit Endorsement:** Obtained if 50 Merit and/or Excellence credits are achieved.
- **Excellence Endorsement:** Obtained if 50 Excellence credits are achieved.

Course Endorsements:

- **Merit Endorsement:** 14 credits (at least 3 credits from an external) at Merit or Excellence.
- **Excellence Endorsement:** 14 credits (at least 3 credits from an external) at Excellence.

For more information on NCEA refer to the NZQA website: www.nzqa.govt.nz.



Within this booklet is information on the courses available for selection by Year 11 students.

They are organised according to Learning Areas.

All students must choose **ONE** course to study in **English, Mathematics, and Science**.

A choice of **THREE** further courses must also be made. Select **TWO** courses as your preferred choices and **ONE** course as your backup.

Commerce

01COM	Level 1 Commerce
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Dance

01DAN	Level 1 Dance
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Digital Technology

01CTECH	Level 1 Computer Technology
01DTE	Level 1 Digital Technology
01PTECH	Level 1 Pathways to Technology

Drama

01DRA	Level 1 Drama
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English

01ENGES	Level 1 English - Sports
01ENGPK	Level 1 English - Puuraakau
01ENGPL	Level 1 English - The Pacific in English
01ENGSA	Level 1 English - Social Activism
01ENGVL	Level 1 English - Visual
01MES	Level 1 Media Studies

Health and Physical Education

01HEA	Level 1 Health Education
01HPS	Level 1 High Performance through Sport
01LPE	Level 1 Leadership through Physical Education

International Languages

01JAP	Level 1 Japanese
01SAM	Level 1 Samoan
01SPA	Level 1 Spanish
01TON	Level 1 Tongan

Maaori

01REO	Level 1 Te Reo Maaori
01TEAO	Level 1 Te Ao Maaori
01HAKA	Level 1 Te Ao Haka



Mathematics

01MBUS	Level 1 Mathematics through Business
01MCOM	Level 1 Mathematics through Social Justice
01MDIG	Level 1 Mathematics through Digital
01MSPT	Level 1 Mathematics through Sports
01MTACE	Level 1 Mathematics through Trades

Music

01MSS	Level 1 Music Studies
01MUS	Level 1 Music

Science

01SCENG	Level 1 Science for Engineers
01SCENV	Level 1 Environmental Science
01SCHSA	Level 1 Health Academy Science
01SCHUM	Level 1 Science of the Human Body
01SCKAI	Level 1 Science of Food
01SCSPT	Level 1 Science through Sports

Social Sciences

01GEO	Level 1 Geography
01HIS	Level 1 History

Technology

01TCE	Level 1 Technology Construction Engineering
01TEF	Level 1 Food Technology

Visual Arts

01AID	Level 1 Art Illustration Design
01ART	Level 1 Art Practical
01DVC	Level 1 Design & Visual Communication



Useful Information: Key questions for course selection

What courses do I enjoy?

Make sure you select subjects that you think you will enjoy.

What does this course lead to?

Study the Learning Area Posters where each course leads. Do any of the careers on the poster sound interesting to you? Try to choose subjects you could see yourself being interested in for a long time.

Pathways Support

For detailed information on possible future careers and what qualifications you need, go and make an appointment with one of our Pathways team. Miss Joy Williams or Mr Neil Craik by using the following email pathways@manurewa.school.nz.

Check out the general information links below:

Subject selection:

<https://tahatu.govt.nz/school-and-ncea/doing-ncea/choosing-ncea-subjects>

Explore NCEA subjects:

<https://tahatu.govt.nz/school-and-ncea/explore-ncea-subjects>

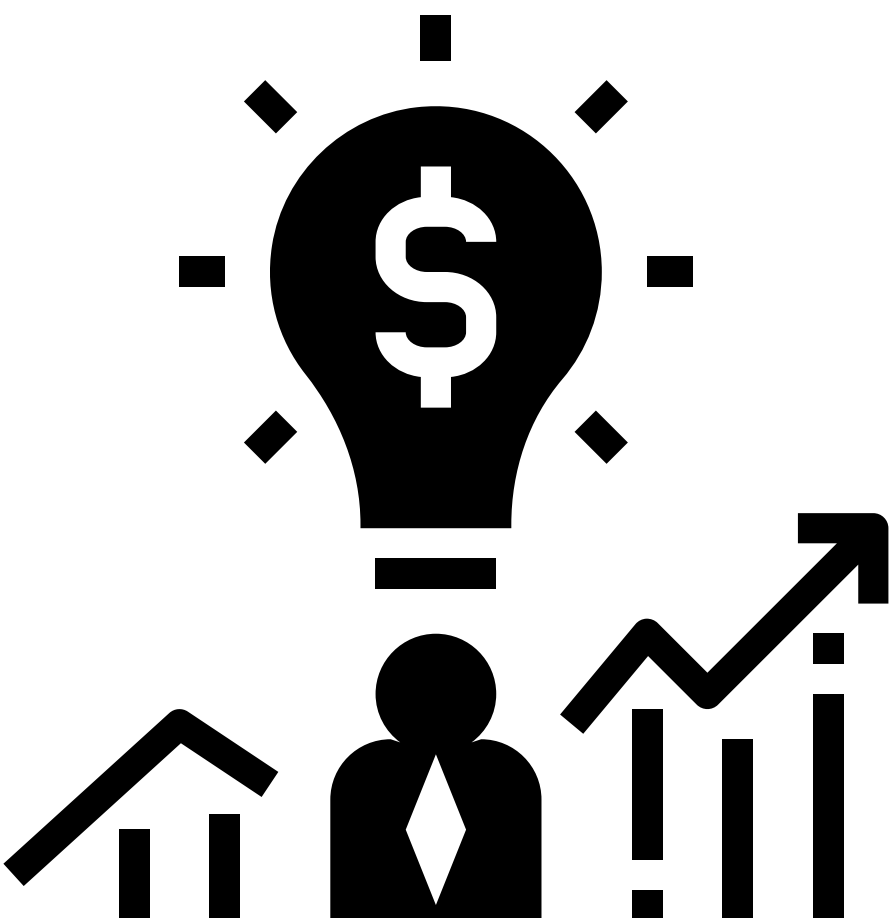
Explore career ideas:

<https://tahatu.govt.nz/work/explore-career-ideas>

www.careers.govt.nz



COMMERCIAL



LEVEL 1 COMMERCE

01COM

What is Commerce?

Commerce is more than just business and money. It is about people, purpose, and the power of great ideas. In Level 1 Commerce, you'll explore how real-world decisions are made, how culture and values shape our economy, and how you can be part of building a better, more sustainable future.

How will 01COM support my Learner Profile?

Kaitiakitanga
Whaanaungatanga
Collaboration & Group work
Critical thinking
Innovative problem-solving
Financial Numeracy
Financial Literacy
Blue-sky thinking

What are my Future Pathways?

Level 1 Commerce will prepare you for:

- NCEA Level 2 & 3 Business Studies, Accounting, and Economics
- The Young Enterprise Scheme (YES)

Whether you dream of running your own business, leading your whānau into financial success, or creating a product that helps your community, this course gives you the tools to begin.

Empower Your Future!

Course Name	Level 1 Commerce		Course Code	01COM
Description	Unlock your potential. Lead change. Shape your world. Why Choose Level 1 Commerce? • Transformative Learning • Real-World Applications • Financial Interdependence • Entrepreneurship and Innovation • Building Relationships/Whanaungatanga Make a difference through commerce!			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	Yes	Yes
Pathway	Level 2 Accounting, Business or Economics Level 3 Accounting, Business or Economics			

DANCE





YEAR 11

DANCE

FUTURE PATHWAYS:

- Professional Dancer
- Choreographer
- Artistic Director
- Studio Owner
- Dance Writer
- Event Organiser

LEARNER PROFILE

ARONUI | SERVENT LEADER - KAITIAKI - CULTURAL ROLE MODEL
 CRITICAL THINKER - SOCIAL ACTIVIST
 TUARUI | RESILIENCE - HAUORA - COMMUNICATION - CURIOSITY
 ENTERPRISE - PROBLEM SOLVING - COLLABORATION
 TUATEA | TE REO ME ONA TIKANGA - DIGITAL FLUENCY - LITERACY
 CULTURAL INTELLIGENCE

ARE YOU INTERESTED IN?

- Learning new moves?
- Performing in front of an audience?
- Making your own dances?
- Going to live dance shows?
- Learning from the best in the country?

@manurewa_dance



Course Name	Year 11 Dance		Course Code	01DAN
Description	In this course students will explore a variety of different styles and genres such as Contemporary, Hip Hop and Cultural Dance. They will also create their own choreographies in small groups. This programme of learning includes both practical and written assessments. They will have two performance opportunities to showcase their work, the mid year and end of year show.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	11	9	Yes	No
Pathway	Tertiary, Employment			

DIGITAL TECHNOLOGY





Ctrl Your Future!



Explore the World of Computer Technology and Careers!

Prepare for Success in NCEA Level 1

Embrace the Challenge

Excel with Python Programming and Databases

01 C-Tech - Choose as one of your options in **Year 11**

Discover the Power of  **PYTHON PROGRAMMING!**

Learn to code and unlock endless possibilities!

Develop **problem-solving skills** and create
amazing programs with **Python**,
a versatile and popular language.

EXPLORE DATABASES  - Dive into the world of
Data organization and Management!

Discover the importance of databases and learn how
to organize and analyze information effectively.

PATHWAYS TO EMPLOYMENT - Gain valuable skills in Python programming and databases
that are in high demand in today's job market.

Explore exciting career opportunities in technology and beyond.

Course Name	Digital Technology		Course Code	01CTECH
Description	COMPUTER TECHNOLOGY AS A CAREER - Unlock a world of possibilities in computer science! Pursue a career in software development, data analysis, or other tech-related fields.			
Total no. of credits	No. of Internal Credits	No. of External Credits	L1 Literacy	L1 Numeracy
20	10	10	0	0
Pathway	Employment / Apprenticeship / Further Study			



01 C-Tech Computer Technology



01DTE



Year 11 Digital Technology

Unleash your creativity with Digital Technologies.
Take your skills to the next level with exciting, hands-on projects.
Fun and engaging subject taught by a Graphic Designer.

 Follow



A1 Room



EN



en@manurewa.school.nz

Course Name	Digital Technology		Course Code	01DTE
Description	- Your artistry and creativity will be developed through fun and relevant digital outcomes. - We will be learning Adobe Suite, Microsoft, Database, and other useful digital tools. - This is also a project-based learning in graphic design, coding, game development, app design, database, cyber security, and Artificial Intelligence (AI) software. - This is a fun and enjoyable subject taught by a Graphic Designer – Teacher.			
Total no. of credits	No. of Internal Credits	No. of External Credits	L1 Literacy	L1 Numeracy
20	10	10	no	no
Pathway	Employment + University + Industry Partnership + Apprenticeship			

Manurewa
High School



01DTE Digital Technologies

Pathway into Digital Technology Career

P-TECH



CAREER GOALS



- Cyber Security
- AI Programmer
- Website Designer
- Data Scientist
- Digital Marketer
- Game Developer
- Cloud Engineer

LEVEL 1

FIELD TRIPS

Together with NCEA Level 1, we also visit mentors and their cool working spaces for Mentor Programs and fun team building activities with great free food.



START
HERE

COURSE CONTENT

- Python coding
- Create Database - from real life data
- HTML & CSS
- JavaScript
- Hardware
- Cyber Security



LEVEL 2 AND LEVEL 3

Continue with school curriculum and :

- Attend MIT every Wednesday
- Attain Level 4 I.T Certificate over 2 years while in school
- Have Tertiary education experience
- Graduate with Level 3 and Level 4 at the end of High School.

By 2030, Tech will drive every major industry. Will you be leading the shift, or just watching it happen?



FREE EDUCATION - LEVEL 4 WITH WORK OFFER

with one of the following stakeholders: ANZ, Spark, Foodstuff North Island, Auckland Airport, and many other networked stakeholders.

END
HERE

Course Name	Pathways to Technology		Course Code	01PTECH
Description	The 01PTECH course will teach students industry-based skills in Digital Technologies, through mentoring from IBM, The Warehouse Group, Foodstuff, Spark, and Vodafone NZ. This course is ideal for students who wish to pursue tertiary study or a career in the field of Computer Science or Information Systems. It also aims to stimulate your interest and teach foundational concepts of Computer Science. It promises to be a challenging and enjoyable year as students participate in the coursework. Industry mentors will work with students to create an exciting experience and share their knowledge with the students. The course consists of field trips, University visits, and online and traditional classroom learning.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	No
Pathway	Internship / University / Employment			

DRAMA





01 DRAMA



BE BRAVE AND JOURNEY WITH US

FUTURE PATHWAYS INCLUDES:

- PERFORMING ARTIST
- DIRECTOR
- PRODUCER
- MEDIA/PRESENTER
- PLAYWRIGHT
- PRODUCTION TECHNOLOGIES -
LIGHTING / SOUND / STAGE
MANAGEMENT
- TEACHER

YOU WILL LEARN TO:

- DEVISE YOUR OWN SCENES.
- CREATE & DEVELOP INTERESTING
CHARACTERS
- ACTIVATE YOUR INNER ACTOR WITH
DRAMA BASED GAMES
- WATCH AND FORMULATE DETAILED
REFLECTIONS OF THEATRE
PRODUCTIONS
- WRITE AND DEVELOP YOUR OWN
SCRIPTS

NGA KETE O TE WAANANGA



- SERVANT LEADER
- CULTURAL ROLE MODEL
- CRITICAL THINKER
- SOCIAL ACTIVIST



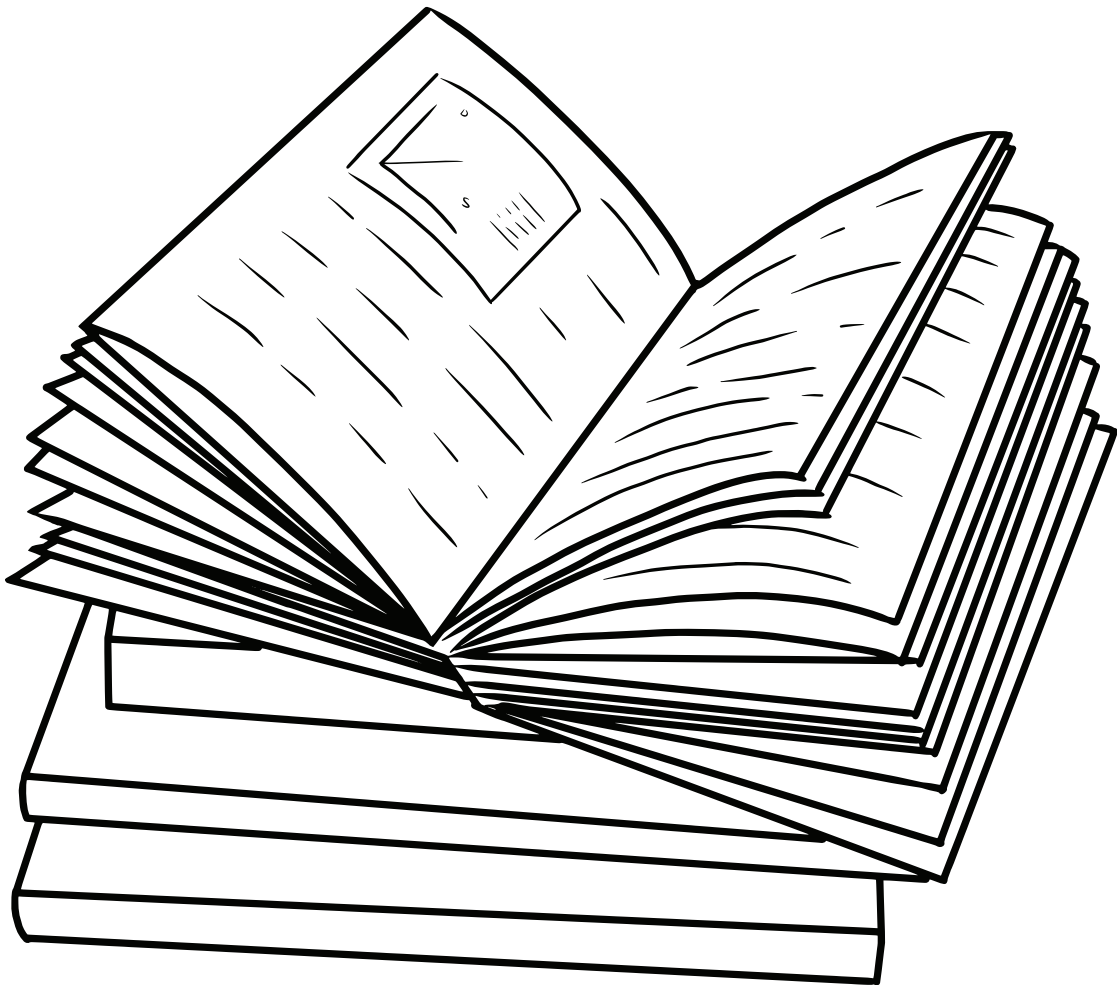
- RESILIENCE
- COMMUNICATION
- CURIOSITY
- PROBLEM SOLVING
- COLLABORATION



- TE REO ME ONA TIKANGA
- LITERACY
- CULTURAL INTELLIGENCE

Course Name	Level 1 Drama		Course Code	01DRA
Description	Year 11 Drama is the beginning of deepening your understanding of Theatre Aotearoa and producing your own Indigenous storytelling skills using the Drama elements, conventions and technologies.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	No
Pathway	Trades / Employment / University			

ENGLISH





01ENGVL

01ENGSA

01ENGPk

01ENGES

01ENGEPk

Level 1 Visual English

This course explores the world of media and the way we see society represented on our screens; phones, film, and TV in Aotearoa.

 20 Credits

Level
1

Level 1 Social Activism through English



This course explores what it means to stand up and be counted through social activism for racial, gender, and environmental justice.

 20 Credits

Level 1 Puuraakau through English

This course explores English texts through Te Ao Maaori and considers what it means to be Maaori as a writer, orator, and creator.

 20 Credits


Level 1 Sports & Games through English

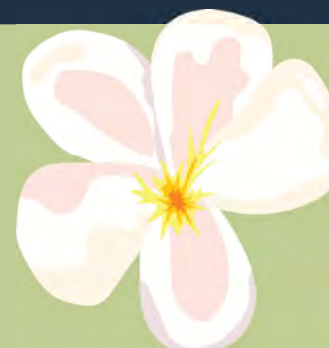


This course explores what it means to exist in the world of sports and games through the context of English.

 20 Credits

Level 1 Pasifika Literature

This course explores English through a Pacific lens and considers what it means to belong to the Pacific as a writer, orator, and creator.

 20 Credits


Course Name	Level 1 English		Course Code	01ENGVL, 01ENGSA, 01ENGPk, 01ENGES, 01ENGPL
Description	In Level 1 English we study significant aspects of a text, we explore how language is shaped by context, we learn to use stylistic conventions in writing. You can the context in which you learn by selecting one of our five themes on offer.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
	10	10	Yes	No
Pathway	Trades / Employment / University			

MEDIA STUDIES

CREATE. COMMUNICATE. MAKE AN IMPACT.



SOCIAL MEDIA
& INFLUENCE



FILM &
ANIMATION



PHOTOGRAPHY
& NEWS



ADVERTISING
& CAMPAIGNS



SCRIPT WRITING
& STORYTELLING

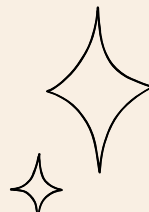
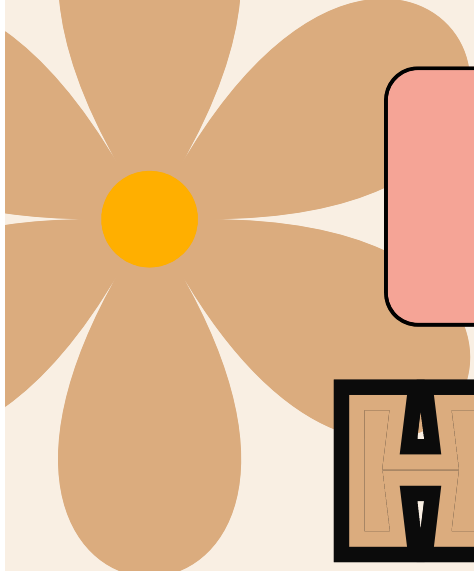


Course Name	Level 1 Media Studies		Course Code	01MES
Description	Level 1 Media Studies explores how media influences the way we think, communicate, and see the world. Through journalism, photography, film, advertising, and social media, you'll investigate important issues, create your own media, and develop practical skills in writing, storytelling, and media production.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
19	15	4	No	No
Pathway	Trades / Employment / University			

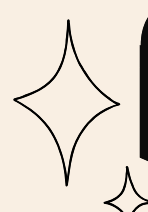
HEALTH

EDUCATION





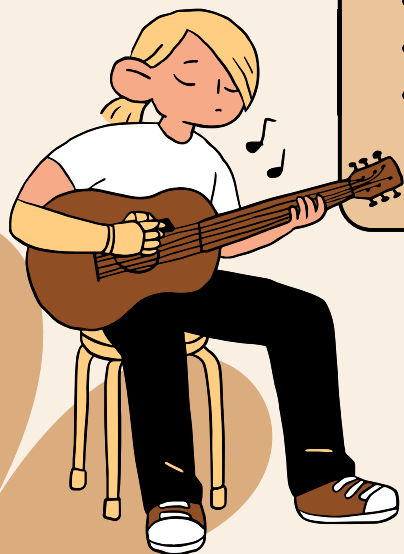
01HEA



HEALTH STUDIES

KEY TOPICS

- Understanding hauora
- Factors that influence hauora
- Strategies that enhance hauora
- Decision-making in health situations



Course Name	Level One Health Through Physical Education		Course Code	01HEA	
Description	This course explores the concept of hauora (wellbeing) and how it is influenced by the physical, mental and emotional, social, and spiritual dimensions of life. Students will learn how to apply models of health, analyse factors that influence wellbeing, make informed health-related decisions, and evaluate strategies that enhance hauora for individuals, whānau, and communities.This course is ideal for students who are interested in understanding people, improving wellbeing, developing strong communication and decision-making skills, and pursuing pathways in health, education, community services, or the social sciences.				
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy	
20	10	10	No	No	
Pathway	Employment / University				

01HPS LEVEL 1 HIGH PERFORMANCE THROUGH SPORT



Course Name	LEVEL 1 HIGH PERFORMANCE THROUGH SPORT			Course Code	01HPS
Description	01HPS is a double line course for students who have a goal to be a high performing athlete. You will also be placed in a HPS kaitiaki class. You will get a variety of experiences to help you grow as an athlete including training programmes, fitness testing, video analysis, trips, camps, and kaitiaki class competitions.				
No. Total Credits	No. Int. Credits		No. Ext. Credits	L1 Literacy	L1 Numeracy
33	28		5	NO	NO

LEADERSHIP THROUGH PHYSICAL EDUCATION



01LPE



KEY TOPICS

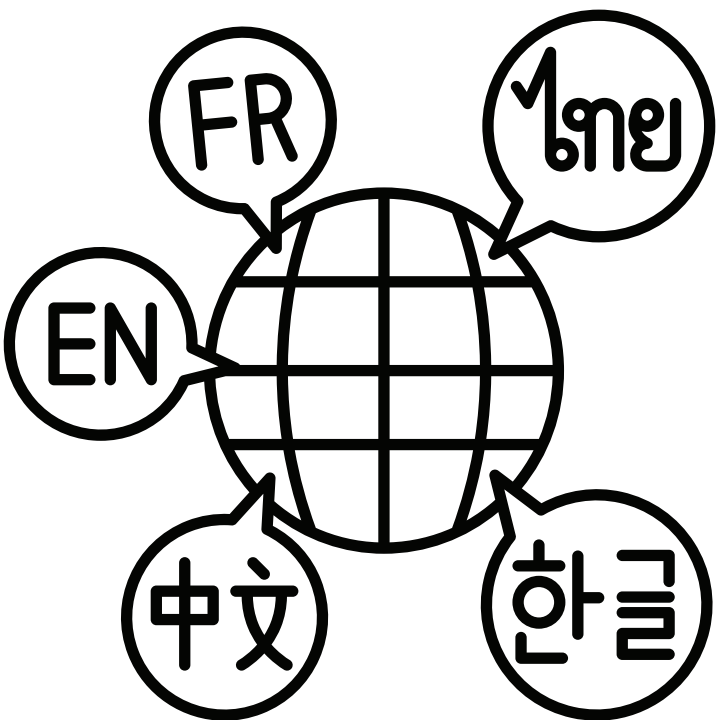
KOTAHITANGA - UNITY

MOVEMENT STRATEGIES

HAUORA

Course Name	Level One Leadership Through Physical Education		Course Code	01LPE
Description	This course helps students develop leadership skills through a range of physical activities and movement experiences. Students will learn how to lead others, work as part of a team, communicate effectively, and take responsibility in different physical activity settings. Students will explore how participation in physical activity can impact their own and others' hauora (well-being). They will learn and apply movement strategies, reflect on their experiences, and develop the skills needed to support and encourage others. This course is ideal for students who enjoy Physical Education, want to improve their leadership skills, and are interested in learning more about movement, teamwork, and hauora.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
21	16	5	Yes	No
Pathway	Trades / Employment / University			

INTERNATIONAL LANGUAGES



Gracias
Arigato

Level 01 Japanese 日本語



Are you interested... to learn new cultures and people?

Japanese culture is more than Anime, manga and cosplay. Japan has a rich history dating back more than 100,000 years. The Japanese have preserved many of their cultural practices that are unique to the rest of the world. Learning Japanese will also show you a different appreciation to your own language and culture.



Why should you learn Japanese?



Cultural Enrichment
Career Opportunities
Communication
Intellectual Growth
Travel Abroad
Cultural Understanding

Learning a new language and culture keeps life exciting



Course Name	Level 01 Japanese		Course Code	01JAP
Description	Year 11 Japanese introduces NCEA level 1 standards of communication and interaction, because this is a senior language class, students are only enrolled based on their achievement of Year 10 Japanese and/or students who are able to hold basic conversations in the Japanese language. Please note this course also includes 2 externals.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	No



LEVEL 1

Gagana Samoa

Why Gagana Samoa?

Learning Gagana Samoa is fun and interactive. You speak your Gagana and extend your knowledge of your culture. You will grow confident and enjoy embracing your Gagana and culture in Level 1 Gagana Samoa.



Pathways

Interpreter
Curator
Gagana Samoa Faiaoga
Tourism
Radio Presenter
Politician
AND MORE.....



Important things to know.....

You will strengthen your writing, reading, listening and speaking skills. You can participate in the Polyfest Speech Competition and Samoan Language Week. You will attend trips to enhance your learning of Gagana Samoa and other cultures.



Course Name	Level 1 Gagana Samoa		Course Code	01SAM
Description	Year 11 Gagana Samoa introduces NCEA level 1 standards of communication and interaction, because this is a senior language class, students are only enrolled based on their achievement of Year 10 Gagana Samoa and/or students who are able to hold basic conversations in the Samoan language. Please note this course also includes 2 externals.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	No
Pathway	University			



¡HOLA!

01SPA Year 11 Leads to Spanish Year 12

Why Spanish?

- Spanish is an official language in 20 countries, so you can talk with millions of people around the globe.
- Spanish is one of the easiest languages for English speakers to learn.
- Plenty of jobs require Spanish.
- Sing your favourite song in Spanish.



Fun adds on:

Going to a trip to Europe or Latin America. –
get your passport ready!



Want to know more: Isa.McKay@manurewa.school.nz

Course Name	LEVEL 1 Spanish		Course Code	01SPA
Description	Year 11 Spanish introduces NCEA level 1 standards of communication and interaction, because this is a senior language class, students are only enrolled based on their achievement of Year 10 Spanish and/or students who are able to hold basic conversations in the Spanish language. Please note this course also includes 2 externals.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	No
Pathway	Interpreter – Kaiwhakawhiti Reo ā-Wah Translator – Kaiwhakawhiti Reo ā-Tuh Flight attendant – Tūmau Waka Rererangi Teacher – Kiako Kura Tuarua Private Teacher/Tutor – Kiako Whaiaro			

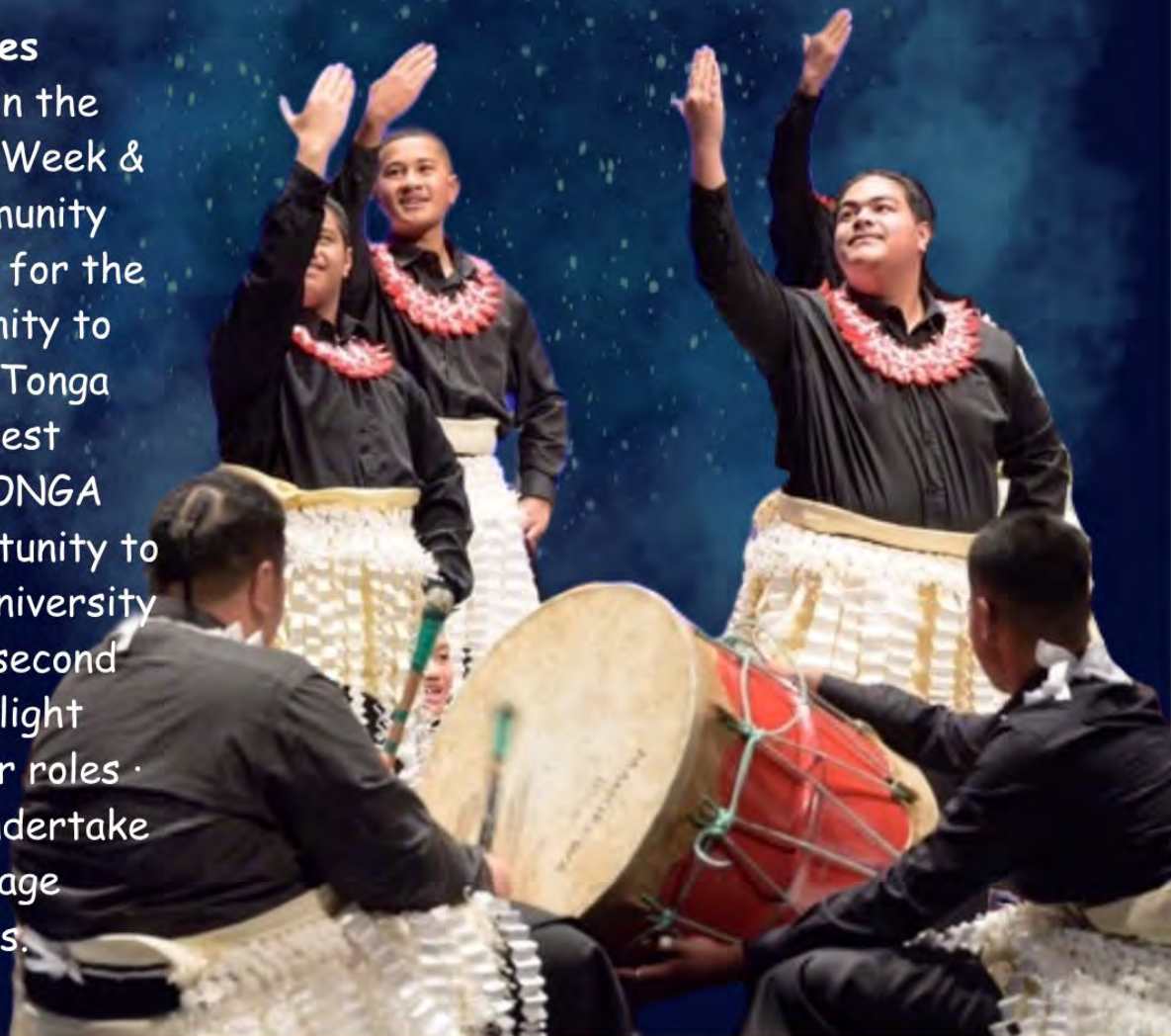


Lea Faka-Tonga

This course caters to beginner-level students who have a keen interest in learning about the Tongan culture and language. Emphasis is placed on the ability to speak clearly, read, write and understand the Tongan language both formal and informal. Communication is the main goal, written assessments and work will show skills covered orally with regular assessments on conversations, presentations and writing.

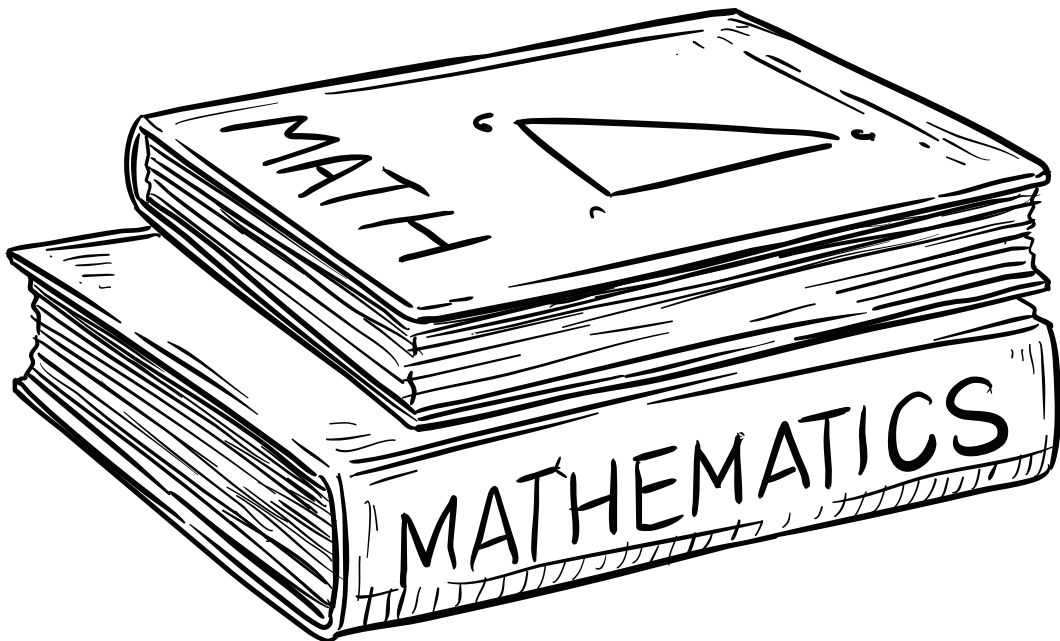
Opportunities

- Participation in the Tongan Language Week & all Tongan community related activities for the year.
- Opportunity to compete in the Tonga Speech Polyfest competition
- TONGA TRIP(tbc)
- Opportunity to study Tongan at university level
- Use of a second language for flight attendant & other roles
- Opportunity to undertake Tongan language scholarships.



Course Name	Lea Faka-Tonga		Course Code	01TON
Description	Level 1 Lea Faka-Tonga is designed to look at familiar contexts such as daily routines, family, school and cultural aspects, each of these will allow opportunities for students to speak, read, write and listen using the Tongan language.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	No
Pathway	Employment / Univesity			

MATH



01MBUS

Year 11 Mathematics through Business



Internal Assessments

- 1.1 - Explore data using a statistical enquiry process (5 credits)
- 1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific (5 credits)

External Assessments

- 1.3 - Interpret and apply mathematical and statistical information in context (5 credits)
- 1.4 - Demonstrate mathematical reasoning (5 credits)



Course Name	Mathematics through Buissness		Course Code	01MBUS	
Description	Mathematics through business integrates theoretical concepts with real-world applications, offering a unique and engaging learning experience for both mathematics enthusiasts and business-minded individuals. The course is based on Level 6 of the NZ Curriculum. It builds on existing mathematics and statistical content learnt previously and provides a pathway for further study in mathematics and statistics.				
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy	
20	10	10	No	Yes	
Pathway	02MAC or 02MAS or 02MBUS or 02MDIG				

01MCOM

Year 11 Mathematics through social justice

Internal Assessments

1.1 - Explore data using a statistical enquiry process (5 credits)

1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific (5 credits)

External Assessments

1.3 - Interpret and apply mathematical and statistical information in context (5 credits)

1.4 - Demonstrate mathematical reasoning (5 credits)

Servant Leadership

Te Reo Me Ona Tikanga

Numeracy

Collaboration

Problem Solving

Critical Thinker

Resilience



Course Name	Mathematics through social justice		Course Code	01MCOM	
Description	Mathematics through Social Justice aim to transcends traditional mathematical concepts, inviting students to explore the profound impact that mathematics can have on creating a more equitable society. The course is based on Level 6 of the NZ Curriculum. It builds on existing mathematics & statistical content learnt previously and provides a pathway for further study in mathematics & statistics.				
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy		L1 Numeracy
20	10	10	No		Yes
Pathway	02MAC or 02MAS or 02MBUS or 02MDIG				

01MDIG

Year 11 Mathematics through Digital

Online Courses and Tutorials
 Interactive Apps E-books and Online Libraries
 Online Collaboration Platforms
 Data Analysis Tools

Internal Assessments

- 1.1 - Explore data using a statistical enquiry process (5 credits)
- 1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific (5 credits)

External Assessments

- 1.3 - Interpret and apply mathematical and statistical information in context (5 credits)
- 1.4 - Demonstrate mathematical reasoning (5 credits)

Sevrant Leadership

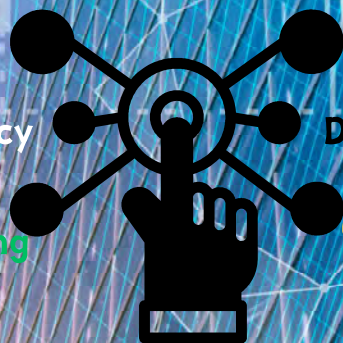
Te Reo Me Ona Tikanga

Numeracy

Digital Fluency

Problem Solving

Critical Thinker



Course Name	Mathematics through Digital		Course Code	01MDIG
Description	Mathematics through Digital aims to engage students in mathematics through a <i>digital</i> lens. This course will include E-learning, digital notetaking, digital competence, and online assessments via TEAMS. The course is based on Level 6 of the NZ Curriculum. It builds on existing mathematics & statistical content learnt previously and provides a pathway for further study in mathematics & statistics.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	10	10	No	Yes
Pathway	02MAC or 02MAS or 02MBUS or 02MDIG			

01MSPT

Year 11 Mathematics through Sports



Internal Assessments

1.1 - Explore data using a statistical enquiry process (5 credits)

1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific (5 credits)

External Assessments

1.3 - Interpret and apply mathematical and statistical information in context (5 credits)

1.4 - Demonstrate mathematical reasoning (5 credits)

Te Reo Me Ona Tikanga

Sevrant Leadership

Resilience

Collobration

Curiosity

Hauora

Qualified

Course Name	Mathematics through Sports		Course Code	01MSPT	
Description	Mathematics through sports aim to elevate your mathematical proficiency as you explore the fascinating intersection of mathematics and sports, gaining valuable skills that extend far beyond the realm of the game. The course is based on Level 6 of the NZ Curriculum. It builds on existing mathematics & statistical content learnt previously and provides a pathway for further study in mathematics & statistics. Get ready to score big in mathematics through sports!				
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy	
20	10	10	No	Yes	
Pathway	02MAC or 02MAS or 02MBUS or 02MDIG				

01MTACE

YEAR 11 MATHEMATICS THROUGH TRADES

Internal Assessments

- 1.1 - Explore data using a statistical enquiry process (5 credits)
- 1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific (5 credits)

External Assessments

- 1.3 - Interpret and apply mathematical and statistical information in context (5 credits)
- 1.4 - Demonstrate mathematical reasoning (5 credits)

Servant Leadership

Te Reo Me Ona Tikanga

Numeracy

Colloboration

Problem Solving

Critical Thinker

Resilience



Course Name

Mathematics through trades

Course Code

01MTACE

Description

Mathematics through trades aims not only to equip students with essential mathematical skills but also instils a sense of relevance and excitement, making the subject come alive in the context of the trades that shape our world.

No. Total Credits

No. Int. Credits

No. Ext. Credits

L1 Literacy

L1 Numeracy

20

10

10

No

Yes

Pathway

02MAC or 02MAS or 02MBUS or 02MDIG or 02MTACE

MAAORI



L1 Te Ao Haka

CODE: 01HAKA

Te Ao Haka is a culturally responsive art form, providing opportunities for all aakonga to engage in Maaori culture, language and traditional practice. At NCEA L1, aakonga explore foundational knowledge and ideas in and about Te Ao Haka.

- **91976** – Demonstrate understanding of key features of Te Ao Haka
- **91977** – Perform an item from a Te Ao Haka discipline
- **91978** – Demonstrate understanding of categories within Te Ao Haka
- **91979** – Demonstrate understanding of elements within Te Ao Haka

Total: 20 credits (12 Internal + 8 External)

Course Name	LEVEL 1 TE AO HAKA		Course Code	01HAKA
Description	Discover the rich world of Te Ao Haka and develop a unique skill set that can lead to future pathways beyond school, opening doors across a range of careers and industries.			
No. of Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
20	12	8	Yes	No
Pathway	02HAKA / 02TEAO / University / Future Studies / Employment			

L1 Te Ao Maaori

Code: 01TEAO

Aakonga will learn about various elements of Te Ao Maaori based on interest and engagement. See Possible L1 NCEA Unit Standards below:

- ◆ **16106** – Describe whakapapa using terms associated within a family structure
- ◆ **16108** – Describe the protocols and roles associated a poowhiri
- ◆ **30236** – Demonstrate knowledge of **taonga puoro** in relation to the Maaori origin of sound and **ngaa atua** Maaori
- ◆ **AS 31287** – Prepare and provide kai service, as part of a team and under supervision, for manuhiri

Total: 20+ credits (unit standards + achievement standard)



Course Name	LEVEL 1 TE AO MAAORI		Course Code	01TEAO	
Description	Te Ao Maaori is an exciting course where aakonga will learn more about the Maaori worldview with a focus on kawa, tikanga, puurakau and manaaki manuhiri.				
No. of Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy	
20+	20+	0	No	No	
Pathway	02TEAO / 02HAKA / Future Studies / Employment				

L1 Te Reo Maaori

Code: 01REO

Te Reo Māaori is the key to understanding the Māaori world.

This course aims to develop students' abilities to express their thoughts in te reo Maaori with accuracy, fluency, cultural integrity and gain an understanding of language revitalisation.

- AS 92092 – Te koorerorero i ngaa paarongo, i ngaa ariaa me ngaa whakaaro
- AS 92093 – Te whakapuaki whakaaro e paa ana ki tetetahi horopaki e ora nei te reo
- AS 92095 – Te tuhi e paa ana ki tetetahi horopaki e taunga ana

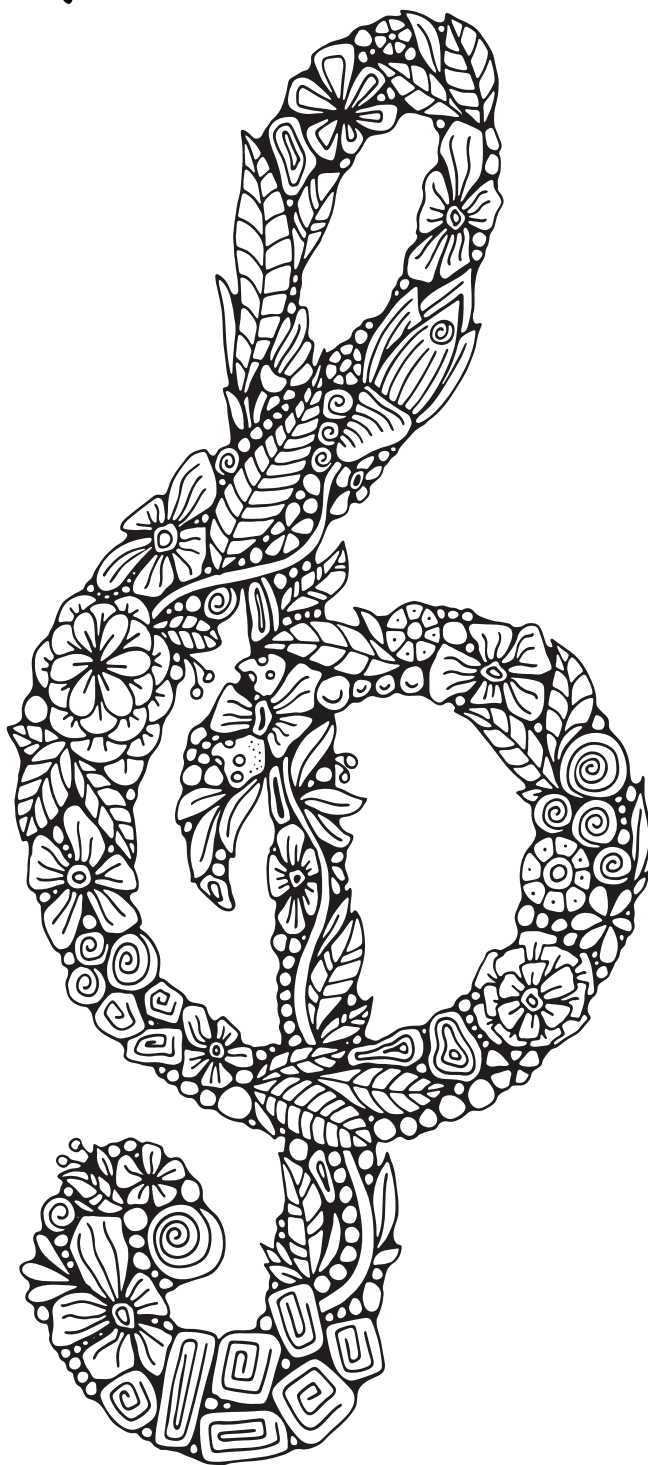


Total: 15 credits (10 Internal + 5 External)



Course Name	LEVEL 1 TE REO MAAORI		Course Code	01REO
Description	Become a te reo Maaori champion. Develop a strong foundation in te reo Maaori to deepen your understanding of the Maaori world view while building essential language skills.			
No. of Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
15	10	5	Yes	No
Pathway	02REO / 02HAKA / 02TEAO / University / Future Studies / Employment			

MUSIC



Level One Music

Level Y

01:02

02:00



01MSS

- ♪ Music Skills
- ♪ Performance Skills
- ♪ Notation Skills
- ♪ Sequencing Skills

01MUS

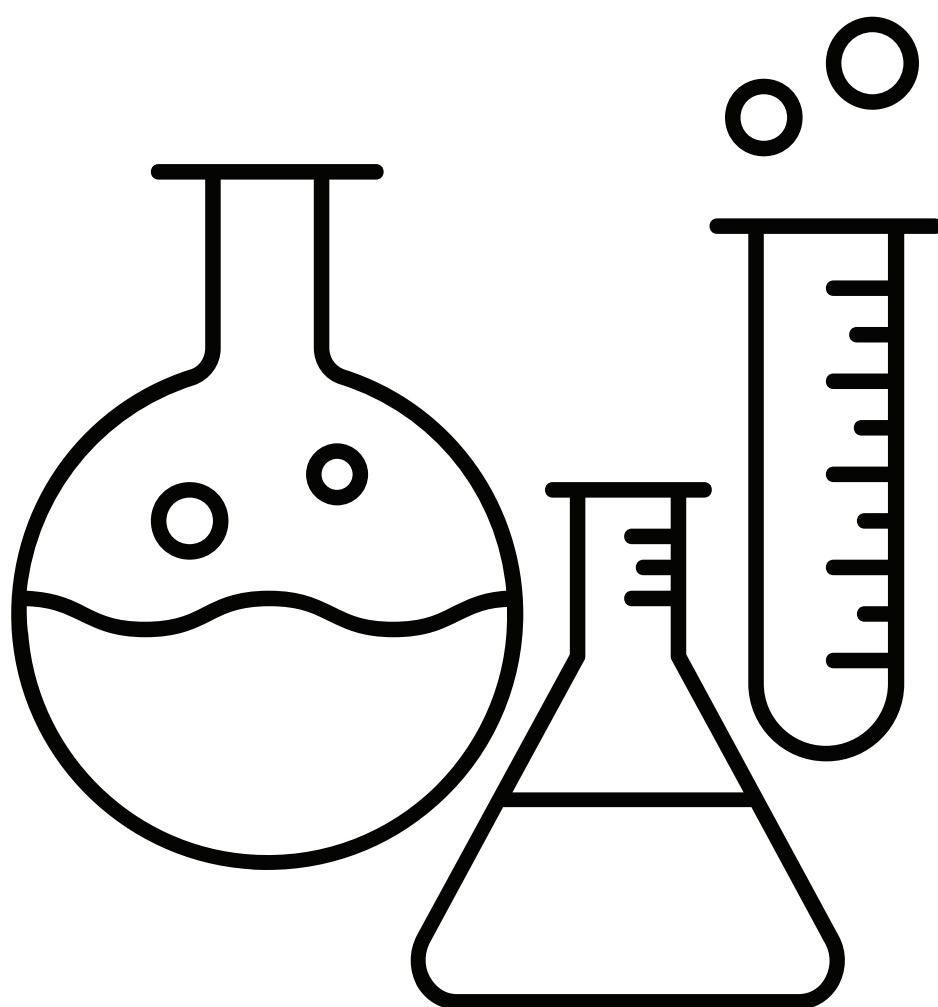
- ♪ Music Skills
- ♪ Performance Skills
- ♪ Notation Skills
- ♪ Sequencing Skills
- ♪ Composition *
- ♪ Music Contexts *

The Year 11 Music Programme at MHS runs for a whole year and aims to provide a wide variety of experiences to foster a range of skills and musicianship that is required at this level. This will prepare students into the Year 12 Music Programme.

*These standards are time dependent.

Course Name	Level 1 Music Skills and Level 1 Music		Course Code	01MSS & 01MUS
Description	Students will perform on their instrument (yes, voice counts) and learn various music skills including digital notation and sequencing (making beats). This is not a course where you will learn an instrument from scratch. You will need to regularly attend instrument lessons and perform in front of an audience. If in doubt which Music course is the right fit for you, speak to Mr Randle.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
	14	Possible	No	No
Pathway	Employment / University			

SCIENCE





01SCENG

Level 1

Science for Engineers

LEARNER PROFILE

Kaitiaki Critical thinker
 Qualified Collaboration
 Resilience Digital fluency
 Numeracy Literacy
 Problem solving Hauora
 Curiosity Te Reo me ona tikanga

Our modern world is built by engineers. They're involved in everything from bridge building to car construction and everything in between. Do you want to join their ranks? Be prepared for a pile of practical problem-solving, and a ton of teamwork!

FUTURE PATHWAYS

engineer

radiologist

electrician

architect

optometrist

medical physicist

robotics

astronomer



Course Name	Level 1 Science for Engineers		Course Code	01SCENG
Description	Level 1 Science for Engineers offers a minimum of 16 credits which are all internally assessed. This course leads to Level 2 Chemistry and Physics.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
16	16	0	No	No
Pathway	Trades / Employment / University			



01SCENV

Level 1

Environmental

Science

LEARNER PROFILE

Kaitiaki Critical thinker
 Qualified Collaboration
 Resilience Digital fluency
 Numeracy Literacy
 Problem solving Hauora
 Curiosity Te Reo me ona tikanga

The science in our environment is all around us. Discover the secrets of nature's delicate balance, unravel the mysteries of climate change, and learn how you can contribute to a sustainable future. Join us on a journey of discovery and make a positive impact on our planet.

FUTURE PATHWAYS

ecologist

environmental engineer

wildlife conservation

hydrologist

meteorologist

park ranger

urban planner

environmental law



Course Name	Level 1 Environmental Science		Course Code	01SCENV
Description	Level 1 Environmental Science offers a minimum of 15 credits which are all internally assessed. This course leads to Level 2 Biology, Chemistry and Physics.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
15	15	0	Yes	No
Pathway	Trades / Employment / University			



01SCHSA



Level 1 Health Science Academy

LEARNER PROFILE

Kaitiaki Critical thinker
 Qualified Collaboration
 Resilience Digital fluency
 Numeracy Literacy
 Problem solving Hauora
 Curiosity Te Reo me ona tikanga

ARE YOU INTERESTED?

Do you want to pursue a career in health? Want to spend time with a bunch of like-minded people and push each other on? Want to make a difference in your community and beyond? Then Health Science Academy might be for you.

FUTURE PATHWAYS

nurse

doctor

health promoter

psychiatrist

physiotherapist

dentist

pathologist

midwife



Course Name	Level 1 Health Science Academy		Course Code	01SCHSA1 + 01SCHSA2	
Description	Level 1 Health Science Academy is a two option line course which allows students to experience three Science subjects Biology, Chemistry and Physics. These lead into the senior science courses and beyond, with a focus on health sector pathways. Students will need to choose both SCHSA courses to participate.				
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy	
31	26	5	Yes	No	
Pathway	Trades / Employment / University				



01SCHUM

Level 1

Science of the Human Body

LEARNER PROFILE

Kaitiaki Critical thinker
 Qualified Collaboration
 Resilience Digital fluency
 Numeracy Literacy
 Problem solving Hauora
 Curiosity Te Reo me ona tikanga

The greatest wealth is health! Join us in learning more about the human body. Discover the complex health issues within our community. These could include vaping, vaccines and diabetes and how they affect us all. Do you have what it takes to join the healthcare industry? It's time to make a difference for our local whanau and aiga!

FUTURE PATHWAYS

toxicologist

forensic pathologist

physiotherapist

biochemist

medical technician

laboratory scientist

community health

immunologist



Course Name	Level 1 Science of the Human Body		Course Code	01SCHUM
Description	Explore the wonders of the human body, what makes them alive, how do the systems function? And many more. Level 1 Science of the Human Body offers a minimum of 16 credits which are all internally assessed. This course leads to Level 2 Sciences - especially Biology and Chemistry.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
16	16	0	Yes	No
Pathway	Trades / Employment / University			



01SCKAI

Level 1

Science of Food Chemistry

LEARNER PROFILE

Kaitiaki Critical thinker
 Qualified Collaboration
 Resilience Digital fluency
 Numeracy Literacy
 Problem solving Hauora
 Curiosity Te Reo me ona tikanga

Attention foodies! Ready to dive into a whole new world of food exploration? Join us in the lab as we uncover the Science behind it all. Ignite your curiosity to explore aspects of food you've never thought of before. We will explore topics such as nutrition and diabetes, the chemistry of food and how bacteria can be a friend or foe in the kitchen.

FUTURE PATHWAYS

food scientist

food technologist

food safety

quality control

microbiologist

food manufacturer

flavour chemist

brewer/winemaker



Course Name	Level 1 Science of Food		Course Code	01SCKAI
Description	Level 1 Science of Food Chemistry offers a minimum of 16 credits which are all internally assessed. This course leads to Level 2 Biology and Chemistry.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
16	16	0	Yes	No
Pathway	Trades / Employment / University			



01SCSPT

Level 1

Science through Sports

LEARNER PROFILE

Kaitiaki Critical thinker
 Qualified Collaboration
 Resilience Digital fluency
 Numeracy Literacy
 Problem solving Hauora
 Curiosity Te Reo me ona tikanga

Get ready for an awesome journey where we use sports to uncover the secrets of science! We'll dive into how our bodies work when we play sports, how sports can make us healthier, and how exercise impacts us. Get ready to have fun while learning cool things about science through the world of sports!

FUTURE PATHWAYS

physiotherapist

personal trainer

PE teacher

sports coach

fitness instructor

biomechanics

sports medicine

sports nutrition



Course Name	Level 1 Science through Sports		Course Code	01SCSPT
Description	Level 1 Science through Sports offers a minimum of 15 credits which are all internally assessed. This course leads to Level 2 Biology and Physics.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
15	15	0	Yes	No
Pathway	Trades / Employment / University			

SOCIAL SCIENCE





01 GEOGRAPHY

Geography focuses on how people interact with the natural and cultural worlds that they inhabit. Geographers are involved in creating real world solutions to real world problems such as climate change and migration and viewing the world in a balanced way.

The World is your Oyster

L1 Geography (01GEO)

If you take L1 Geography - you will study where and why people live in Samoa, as well as the history of hip hop. You will also gather and analyse data about lunch rubbish at school and focus on a challenge that effects the Pacific region. Level 1 Geography offers 20 NCEA credits.



Geography Links to the Learner Profile

ARONUI (BE)	TUATEA (KNOW)	TUAURI (GROW)
Kaitiaki, Critical Thinking, Social Activist, Qualified	Numeracy, Digital Fluency, Literacy	Communication, Curiosity, Creativity, Problem Solving, Collaboration

Future Pathways

The analytical and research skills gained from studying geography are attractive to a range of employers. These include, town planning, transport planning, environmental consulting, commercial surveying, cartography, teaching, logistics and distribution, market research, nature conservation, politics, and law to name a few.



Course Name	01 Geography		Course Code	01GEO
Total no. of Credits	No. of Internal Credits	No. of External Credits	L1 Literacy	L1 Numeracy
15	10	15	Yes (10)	Yes (5)
Pathway	University			

FIELD TRIP
TO
RANGIRIRI

O1HIS

PROTEST!
PROTEST!
PROTEST!



Black Civil Rights Movement

Learner Profile

Historians learn to

- Think critically
- Become social activists
- Become Kaitiaki

Tuauri

Historians grow to become:

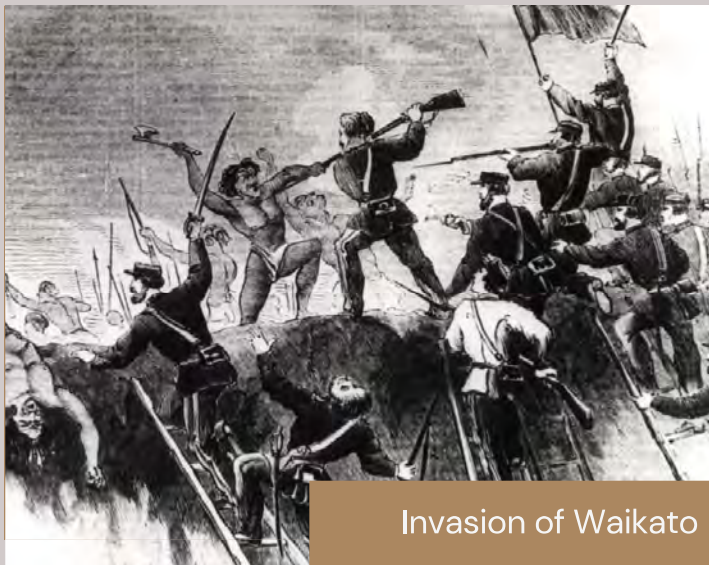
- Resilient
- Collaborative
- Communicators

Tuatea

Historians develop their knowledge of:

- Cultural Literacy
- Maatauranga Maaori

Aronui



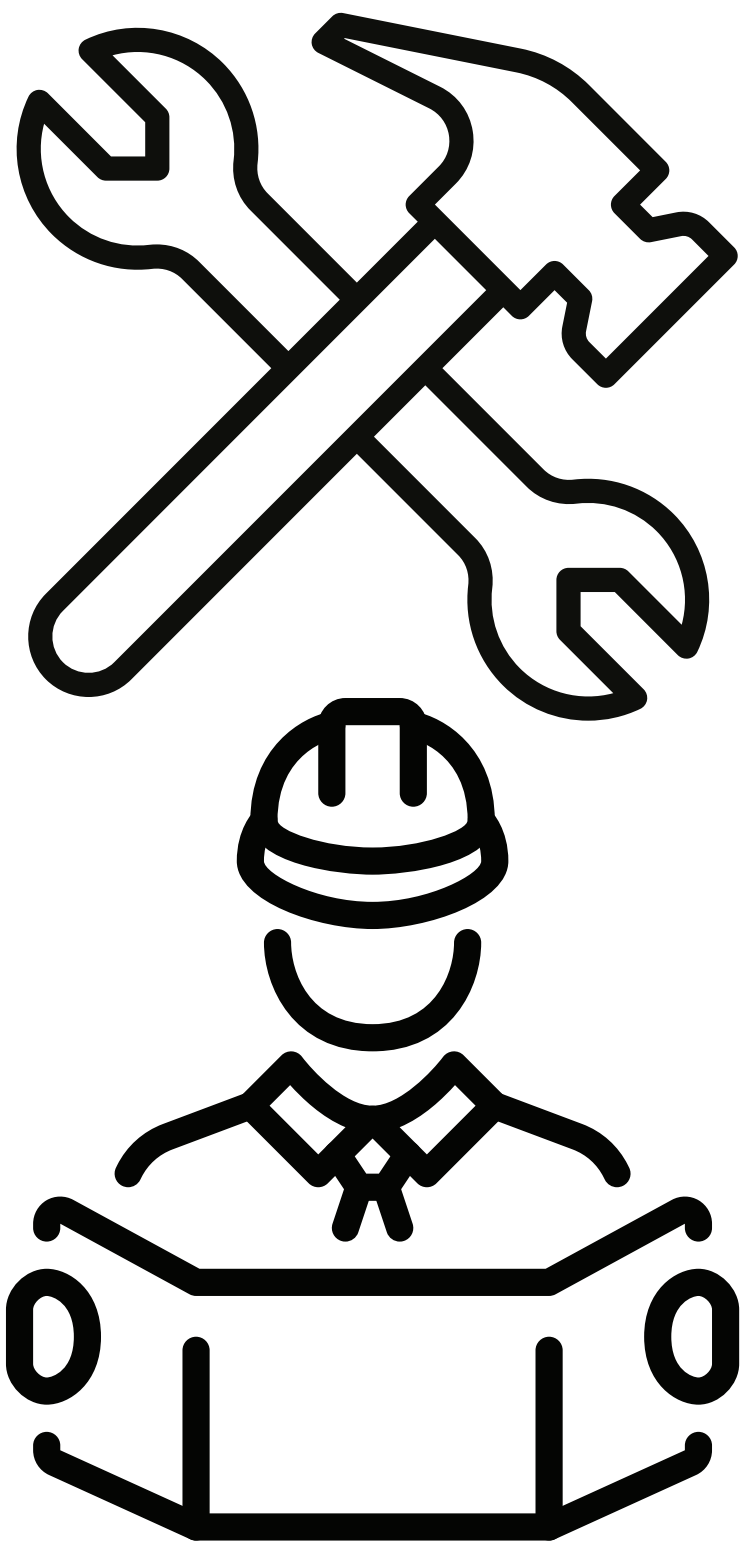
Invasion of Waikato



NZ Women in WW2

Course Name	Level 1 History		Course Code	01HIS
Description	Level 1 History offers a field trip to Rangiriri and 15 NCEA credits. The theme for Level 1 History is protest. Some of our current O1HIS students says "It was cool to learn about international context like the Black Civil Rights Movement. We even learnt about police brutality that still exists in America." Do you like to learn about protests? Do you like to explore social activism and justice? If you do then Level 1 History is for you.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
15	10	5	Yes (All except for 1.1 Primary Sources internal assessment)	No
Pathway	Employment/ University			

TECHNOLOGY



2027

FOOD TECHNOLOGY

= 01TEF =

= What's cooking

in Level 1 Food Technology?

You learn about the importance of food safety and hygiene, and develop your skills in the planning, preparation and cooking of food. There will be an opportunity to learn how to cook a range of different meals.

Assessments are completed in a portfolio of evidence gathering format.



= KEY INFO: =



maximum of **16** AS credits



mix of theory and practical



pathways to TEF, Hospitality and Catering (HAC) and links with the Trades Academy



Course Name	Food Technology		Course Code	01TEF
Description	You learn about the importance of food safety and hygiene, and develop your skills in the planning, preparation and cooking of food. There will be an opportunity to learn how to cook a range of different meals. Assessments are completed in a portfolio of evidence gathering information.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
16	12	4	No	No
Pathway	Trades / Employment / University			

2027
01TCE

**TECHNOLOGY
CONSTRUCTION
ENGINEERING**

WHAT IS 01TCE?

This is a great introductory course that can be used to explore future course choices in the Technology and Trades Academy learning areas.

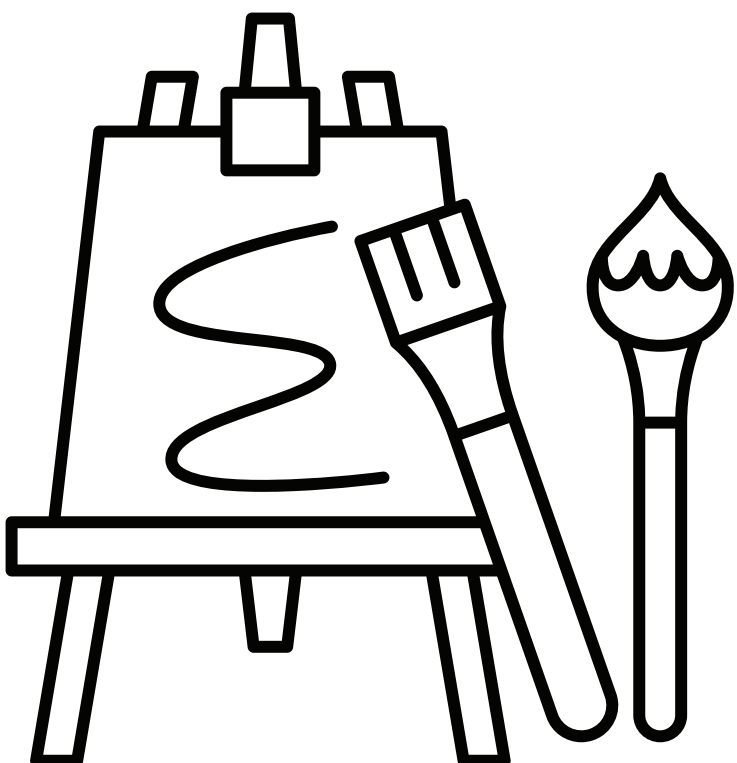
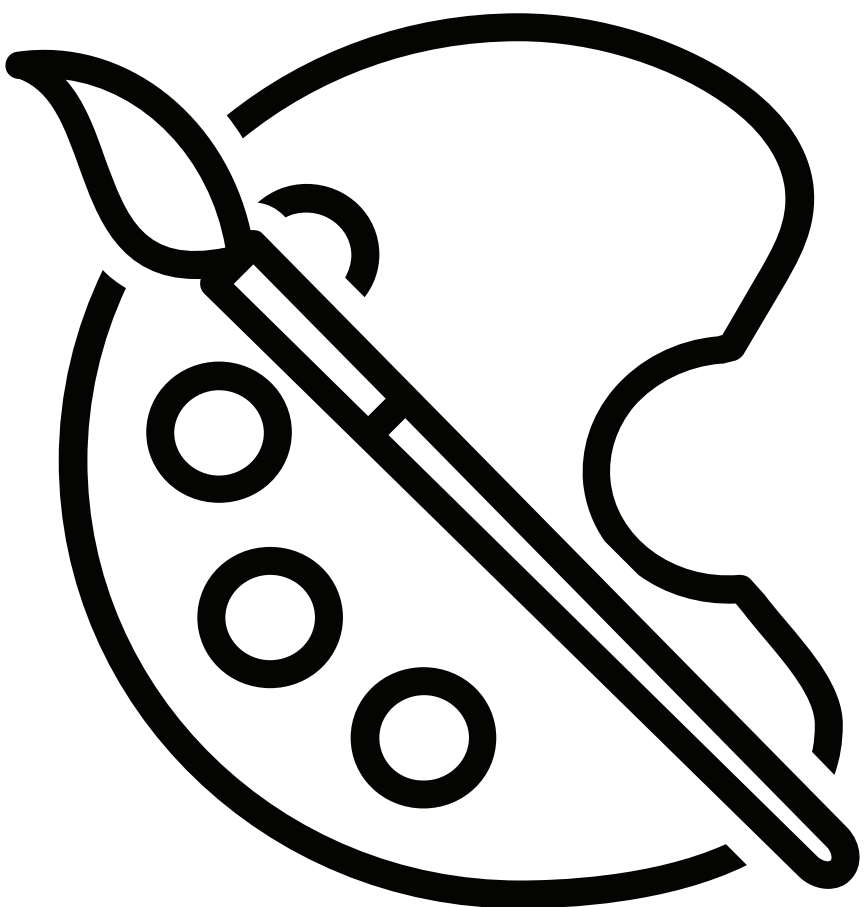
This is a practical based course and credits are gained by successfully completing several projects and accompanying theory booklets. Students will complete 1-2 projects (builds) which will help them develop the necessary skills in TCE and help them on their Trades Pathway. They can also keep the projects they make.

Projects



Course Name	Technology Construction Engineering		Course Code	01TCE
Description	What is 01TCE? This is a great introductory course that can be used to explore future course choices in the Technology and Trades Academy learning areas. This is a practical based course and credits are gained by successfully completing several projects and accompanying theory booklets. Students will complete 1-2 projects (builds) which will help them develop the necessary skills in TCE and help them on their Trades Pathway. They can also keep the projects they make.			
No. Total Credits	No. Int. Credits	No. Ext. Credits	L1 Literacy	L1 Numeracy
21	21	0	No	No
Pathway	Trades / Employment			

VISUAL ARTS



Art, Illustration

01AID

Design

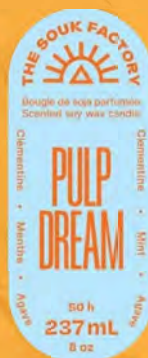
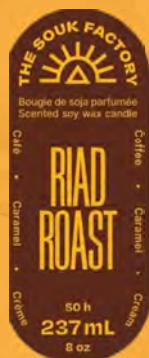
IF YOU'RE PASSIONATE ABOUT CREATIVITY AND ENJOY MAKING ART, NCEA LEVEL 1 VISUAL ARTS WILL HELP YOU BUILD CONFIDENCE AS AN ARTIST AND DESIGNER. YOU'LL EXPLORE A VARIETY OF TRADITIONAL AND DIGITAL MEDIA, INCLUDING ADOBE PHOTOSHOP, ILLUSTRATOR AND INDESIGN, DEVELOP YOUR CREATIVE THINKING, AND CREATE MEANINGFUL ARTWORKS INSPIRED BY YOUR EXPERIENCES, CULTURE AND THE WORK OF ESTABLISHED ARTISTS.



SAM LEWRY | NZ ARTISTALAND



EKARA POSTCARD 'NEW ZEALAND QUEENSTOWN BY GREG STRAIGHT



GRAPHIC DESIGN BRANDING BY THE SOUK FACTORY

COURSE NAME	LEVEL ONE ART ILLUSTRATION DESIGN		COURSE CODE	01AID
DESCRIPTION	YEAR 11 ART, ILLUSTRATION & DESIGN (01AID) IS A FULL-YEAR COURSE THAT ALLOWS YOU TO WORK TOWARDS GAINING NCEA LEVEL 1 VISUAL ARTS CREDITS. THE MAIN OBJECTIVES OF THE COURSE ARE TO: • DEVELOP AN UNDERSTANDING OF ESTABLISHED PRACTICE BY INVESTIGATING THE WORK OF ARTISTS, ILLUSTRATORS AND DESIGNERS. • EXPLORE CONTEMPORARY AND TRADITIONAL MĀORI, PASIFIKA AND INTERNATIONAL ARTISTS, AND UNDERSTAND THE IDEAS, TECHNIQUES AND CONTEXTS BEHIND THEIR WORK. • EXPERIMENT WITH A RANGE OF TRADITIONAL AND DIGITAL MEDIA, INCLUDING DRAWING, PAINTING, ILLUSTRATION AND ADOBE CREATIVE SUITE (PHOTOSHOP, ILLUSTRATOR AND INDESIGN). • APPLY CREATIVE THINKING AND DESIGN PROCESSES TO DEVELOP AND REFINE ORIGINAL ARTWORKS THAT COMMUNICATE YOUR OWN IDEAS, IDENTITY AND CULTURE.			
NO. TOTAL CREDITS	NO. INT. CREDITS	NO. EXT. CREDITS	L1 LITERACY	L1 NUMERACY
15	10	5	NO	NO
PATHWAY	FUTURE PATHWAYS IN PAINTING, PRINTMAKING, SCULPTURE, ILLUSTRATION, GRAPHIC DESIGN, ANIMATION, PHOTOGRAPHY, ARCHITECTURE, FASHION, DIGITAL MEDIA, MUSEUM AND GALLERY WORK, ART EDUCATION, AND MANY OTHER CREATIVE INDUSTRIES.			

01ART

IF YOU'RE PASSIONATE ABOUT CREATIVITY AND ENJOY MAKING ART, NCEA LEVEL 1 VISUAL ARTS WILL HELP YOU BUILD CONFIDENCE AS AN ARTIST. YOU'LL EXPLORE A VARIETY OF MATERIALS AND TECHNIQUES, DEVELOP YOUR CREATIVE THINKING, AND CREATE MEANINGFUL ARTWORKS INSPIRED BY YOUR EXPERIENCES, CULTURE, AND THE WORK OF ESTABLISHED ARTISTS.



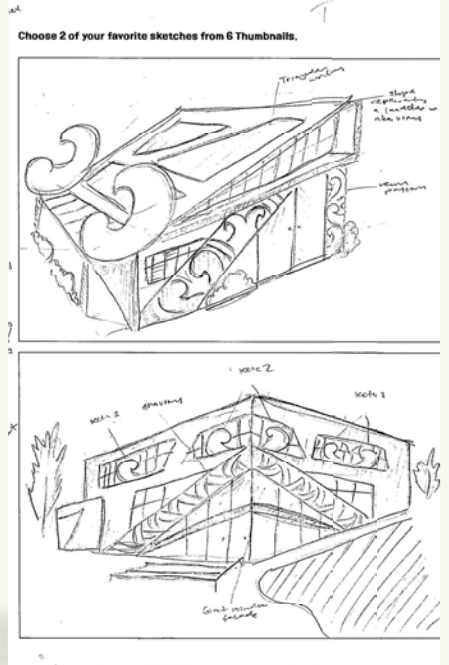
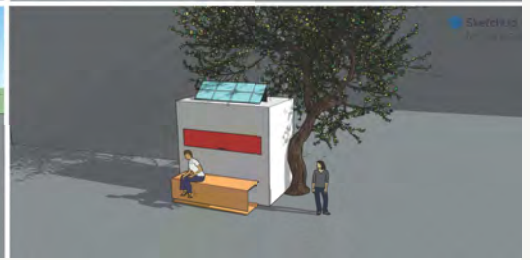
COURSE NAME	LEVEL ONE ART PRACTICAL		COURSE CODE	01ART
DESCRIPTION	YEAR 11 ART PRACTICAL IS A FULL-YEAR COURSE THAT ALLOWS YOU TO WORK TOWARDS GAINING NCEA LEVEL 1 CREDITS. THE MAIN OBJECTIVES OF THE YEAR 11 ART PRACTICAL COURSE ARE: • TO DEVELOP AN UNDERSTANDING OF ESTABLISHED PRACTICE AND THE USE OF AN ARTIST MODEL. • TO EXPLORE CONTEMPORARY AND TRADITIONAL MĀORI AND EUROPEAN ARTISTS, AND UNDERSTAND THE CONTEXT AND TECHNIQUES BEHIND THEIR WORK. • TO DEMONSTRATE AN UNDERSTANDING OF THE PAINTING PROCESS AND APPLY IT TO YOUR OWN ARTWORK.			
NO. TOTAL CREDITS	NO. INT. CREDITS	NO. EXT. CREDITS	L1 LITERACY	L1 NUMERACY
15	10	5	NO	NO
PATHWAY	FUTURE PATHWAYS IN PAINTING, PRINTMAKING, SCULPTURE, ILLUSTRATION, GRAPHIC DESIGN, ANIMATION, PHOTOGRAPHY, ARCHITECTURE, FASHION, DIGITAL MEDIA, MUSEUM AND GALLERY WORK, ART EDUCATION, AND MANY OTHER CREATIVE INDUSTRIES.			

Design Visual Communication

01DVC



If you enjoy designing, creating and solving problems, 01DVC is for you. Develop your skills in freehand sketching, technical drawing, 3D modelling with SketchUp and model making while designing products, buildings and spaces. Learn how professional designers turn ideas into real-world solutions.



COURSE NAME	LEVEL ONE DESIGN VISUAL COMMUNICATION		COURSE CODE	01DVC
DESCRIPTION	YEAR 11 DESIGN VISUAL COMMUNICATION (01DVC) IS A FULL-YEAR COURSE THAT ALLOWS YOU TO WORK TOWARDS GAINING NCEA LEVEL 1 DESIGN AND VISUAL COMMUNICATION CREDITS. THE MAIN OBJECTIVES OF THE COURSE ARE TO: • DEVELOP AN UNDERSTANDING OF DESIGN BY INVESTIGATING THE WORK OF ARCHITECTS, PRODUCT DESIGNERS AND INNOVATORS. • EXPLORE HOW CREATIVE THINKING AND DESIGN CAN SOLVE REAL-WORLD PROBLEMS THROUGH ARCHITECTURE, PRODUCT AND SPATIAL DESIGN. • LEARN INDUSTRY-STANDARD DESIGN SKILLS THROUGH FREEHAND SKETCHING, TECHNICAL DRAWING, SKETCHUP 3D MODELLING, RENDERING AND MODEL MAKING. • APPLY THE DESIGN PROCESS TO GENERATE, DEVELOP AND COMMUNICATE INNOVATIVE DESIGN SOLUTIONS THAT RESPOND TO THE NEEDS OF PEOPLE, PLACES AND THE ENVIRONMENT.			
NO. TOTAL CREDITS	NO. INT. CREDITS	NO. EXT. CREDITS	L1 LITERACY	L1 NUMERACY
20	10	20	NO	NO
PATHWAY	ARCHITECTURE, INTERIOR DESIGN, INDUSTRIAL DESIGN, PRODUCT DESIGN, LANDSCAPE ARCHITECTURE, ENGINEERING, CONSTRUCTION, URBAN DESIGN, FURNITURE DESIGN, EXHIBITION DESIGN, DIGITAL DESIGN, GAME ENVIRONMENT DESIGN, AND OTHER CREATIVE AND DESIGN INDUSTRIES.			