



# CURRICULUM COURSE GUIDE - LEVEL 1

*Successful Learners – the only option*

## PLEASE TAKE THE TIME TO READ THROUGH THIS GUIDE SO YOU CAN MAKE INFORMED CHOICES ABOUT YOUR SUBJECTS AND QUALIFICATION PATHWAY

Year 11 students will study five subjects. English and Mathematics are not compulsory but are strongly recommended. Science is strongly recommended in order to keep future study options open.

Subjects offer either Level 1 Achievement Standard credits or Unit Standard credits; which count towards the National Certificate of Education Achievement (NCEA) at Level 1. Credits from Achievement Standards will come from internal and external assessments of conventional school subjects. Credits from Unit Standards will come from internal assessment of standards developed by industry and specific subject teachers.

**To achieve NCEA Level 1, students must attain a minimum of 80 credits. Of these, 10 credits must be in Level 1 Numeracy and 10 credits in Literacy.**

Through their studies, students may also attain:

**NCEA Level 1 Certificate Endorsed with either Excellence or Merit.** To do this, a student must achieve 50 credits at Excellence (for Excellence) or 50 credits at either Merit or Excellence (for Merit).

**Individual subject Endorsement.** This requires a student to achieve 14 or more credits at Merit or Excellence level in a single subject. At least 3 credits must come from externally assessed standards and 3 from internally assessed standards. This does not apply to Physical Education.

Students who are clear in their career choices should select subjects that are prerequisites for their pathway to tertiary study and employment. Assistance in this area is available from Whanau Teachers, Team Leaders, subject teachers, and Careers staff at Tikipunga High School. If no clear choice has been made, students are advised to seek a broad education. Students are also encouraged to select subjects they excel at or enjoy.

### Additional Pathways of Learning

**Te Kura (The Correspondence School)** These courses are offered to students who have New Zealand Citizenship and are wanting a subject where Tikipunga High School does not have a class. Te Kura subjects are delivered via online learning. Students work in a supervised classroom and have access to one-on-one teacher assistance. Students must submit work at least every month.

#### FarNet

FarNet is available to domestic and international students. Students study via a mix of the internet and Google ZOOM lessons with a distance tutor. This arrangement is useful where students have a clash on their timetable FarNet may also be available where Tikipunga High School is not offering a subject. FarNet students must regularly submit work to their tutors for feedback.

Te Kura and FarNet students need to be self-directed and may need to meet pre-requisites. **Contact person: Mrs Leyland.**

#### Gateway

Gateway is designed to support select Year 11 to Year 13 students' transition into the workforce by offering them workplace learning while at secondary school. This includes set unit standards for the student to work towards and achieve and a formal agreement between the school, the student and the workplace.

#### Te Tai Tokerau Trades Academy

Trades Academies are partnerships between schools, tertiary education organisations (TEOs) and employers. They aim to keep young New Zealanders engaged in education and training by creating a clear path between school and further education, training or employment. Closer alignment of schools, the tertiary education sector and industry helps to make the future workforce more responsive to local and national business and economic needs.

**Contact persons: Whaea Rina and Bron**

# Level 1 Courses 2021

SUBJECT	TIMETABLE CODE
Art	L1ART
Design Technology	L1DST
Digital Technology	L1DGT
English	L1ENG
Geography	L1GEO
Health Education and Life Skills – Ngā Pūkenga waiwai	L1HEA
History	L1HIS
Hospitality	L1HOS
Mathematics	L1MAT
Statistics	L1STA
Pre Trades	L1PTT
Science	L1SCI
Sport and Recreation	L1SPO
Te Reo Maori Me Ona Tikanga	L1TRM

## How does NCEA work?

The National Certificate of Educational Achievement (NCEA) is New Zealand's main national qualification for secondary school students. It has been developed in keeping with the New Zealand Curriculum which focuses on learning by inquiry, critical thinking, problem solving and processing information.

### Level 1

80 credits are required at any level (Level 1, 2 or 3) – these credits must include the literacy and numeracy requirements: a minimum of 10 credits in Mathematics and a minimum of 10 credits in English.

### Level 2

60 credits at Level 2 or above + 20 credits\* from any level (Level 1, 2 or 3).

### Level 3

60 credits at Level 3 or above + 20 credits\* from Level 2 or above.

*\*Up to 20 credits can be carried over from one level to another (so that if you get 80 credits at Level 1 and 60 credits at Level 2 you will be awarded both certificates)*

**Only NCEA Level 3 credits qualify students for tertiary entrance. Level 1 and Level 2 certificates do not qualify students for tertiary courses, unless at the discretion of a tertiary provider.**

## TIPS TO HELP YOU SELECT YOUR SUBJECTS

### Set aside enough time

Give yourself plenty of time to select your subjects and use this Guide

### Think about what you enjoy

Interest and enthusiasm for your subjects are important motivators for study and success

### Pick a mix of subjects

Even if mathematics is your passion, try to choose at least one or two subjects from another area of study such as the arts or humanities – many competitive university programmes are looking for a breadth of interests in their candidates.

### Challenge your assumptions

If you decided on your ideal career or qualification while you were still in Year 9 or 10, think about whether your areas of interest are still the same now. Ask yourself which subjects you really enjoy and where else they could lead.

### Look ahead – check prerequisites

If you know the subjects you want to take over the next couple of years and/or the university course you want to apply for then research the prerequisites – entry to some subjects and courses will depend on your subjects and achievement levels in previous years.

### Ask for help

Visit the Careers Centre, talk to your teachers, ask your parents and family. Discuss your subject strengths and what you enjoy and ask them to share their ideas on subjects and career pathways.

# ART

## LEVEL 1 ART

Students will produce a portfolio of Art. A theme exploring the students' own interests will be developed. Students will incorporate their own photographic resource imagery. They will develop skills with DSLR camera, photographic studio practice, Photoshop, painting techniques, printmaking techniques and art theory. Students will investigate contemporary artist models from Aotearoa and the world in the fields of design, photography, painting and printmaking.



*Level 1 Art by Bonnie Durrant*

- One 2 x A1 panel portfolio is required for the external standard submission at the end of Term 3.

The teacher and student will co-construct the course depending on interests and strengths.

Internal standard	Description	Credits
90914	Use drawing methods and skills for recording information using wet and dry media	4
90915	Use drawing to develop art in more than one field of practice	6
90917	Produce a finished work that demonstrates skills appropriate to cultural conventions	4
<b>External standard</b>		
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	12

# DESIGN TECHNOLOGY

## LEVEL 1 DESIGN TECHNOLOGY

Students will learn about producing quality items. They will learn to think outside the square to produce unique designs and can seek innovative solutions to problems by experimenting with materials.

Consider choosing this subject if you:

- Have a real interest for design, technologies and creativity.

Internal standards	Description	Literacy	credits
91047	Undertake development to make a prototype to address a brief.		6
91057	Implement basic procedures using resistant materials to make a specified product		6
91046	Use design ideas to produce a conceptual design for an outcome to address a brief		6
497	Demonstrate knowledge of workplace health and safety requirements		3

# DIGITAL TECHNOLOGY

## LEVEL 1 DIGITAL TECHNOLOGY

Students will develop basic technology skills in Business Administration, Coding, Graphic Design, 2D Animation, and Game Development.

Consider choosing this subject if you:

- enjoy working within a creative digital environment

Internal standards	Description	Literacy	Credits
91877 (1.1 v1)	Develop a computer system		4
91878 (1.2 v1)	Develop a design for a digital outcome		3
91880 (1.4 v1)	Develop a digital media outcome		4
91882 (1.6 v1)	Develop a computer system		4
91883 (1.7 v1)	Develop a computer program		4
External standards			
91886 (1.10 v1)	Demonstrate understanding of human computer interactions	✓	3

# ENGLISH

## LEVEL 1 ENGLISH

Level 1 English provides Achievement Standard literacy credits. English is compulsory for students who intend to pursue study at a higher level.

Consider choosing this subject if you:

- want to achieve competency in English

The teacher and students will co-construct the course depending on interests and strengths.

The standards will be chosen from the following:

Internal standards	Description	Literacy	Credits
90052	Produce a folder of creative writing	✓	3
90852	Explain significant connections(s) across text using supporting evidence	✓	4
90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	✓	3
90857	Construct and deliver an Oral Text	✓	3
90053	Produce a folio of formal writing	✓	3
90853	Use information literacy skills to form conclusions	✓	4
External standard			
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	✓	4
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	✓	4

# FOOD TECHNOLOGY

## LEVEL 1 FOOD TECHNOLOGY

This is a new, food based, senior technology course. Students will develop design ideas and produce quality items. They will learn to think outside the square to produce unique designs, and develop innovative solutions to problems, by experimenting and testing materials. This course will be based around designing packaging and food items e.g. celebration cakes.

This course will be run in conjunction with Design Technology - you will only be able to choose one of these two courses.

Consider choosing this subject if you:

- Have an interest in food design and packaging, presentation and creativity.

Internal standards	Description	Literacy	Credits
91047	Undertake development to make a prototype to address a brief.		6
91057	Implement basic procedures using resistant materials to make a specified product		6
91046	Use design ideas to produce a conceptual design for an outcome to address a brief		6

# GEOGRAPHY

## LEVEL 1 GEOGRAPHY

Consider choosing this subject if you:

- have an interest in the environment and how people interact with it.

Internal standards	Description	Literacy	Numeracy	Credits
91009	Demonstrate geographic understanding of the sustainable use of an environment	✓		3
91011	Conduct geographic research, with direction		✓	4
91013	Describe aspects of a geographic topic at a global scale			3
90952	Demonstrate understanding of the formation of surface features in New Zealand	✓		4
<b>External standard</b>				
91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural events			4

# HEALTH

## LEVEL 1 HEALTH EDUCATION AND LIFE SKILLS (Ngā Pūkenga Waiwai)

Consider choosing this subject if you:  
are interested in understanding more about your self and future life skills

This course is a combination of achievement and unit standards.

The actual standards will be finalised at the beginning of next year when the teacher and students will co-construct the course depending on interests and strengths. The standards will be chosen from the following:

Internal standards	Description	Numeracy	Literacy	credits
90971	Take action to enhance an aspect of personal well-being		✓	3
90974	Demonstrate understanding of strategies for promoting positive sexuality		✓	4
US496	Produce, implement, and reflect on a plan to improve own personal wellbeing			3
US7121	Demonstrate skills to search and select information			2
US12348	Demonstrate knowledge of anger management			2
US18758	Find information using the internet			2
US29299	Plan a personal work pathway			4

# HISTORY

## LEVEL 1 HISTORY

Students will learn about how people relate to each other over time. They will learn to research and think critically about the information they access.

Consider choosing this subject if you:

- are interested in people

The teacher and students will co-construct the course depending on interests and strengths.

The standards will be chosen from the following:

Internal standards	Description	Literacy	Credits
91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders.	✓	4
91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders.	✓	4
91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	✓	4
91040	Conduct a social inquiry	✓	4
91043	Describe a social justice and human rights action	✓	4
<b>External standard</b>			
91005	Describe the causes and consequences of an historical event	✓	4

# HOSPITALITY

## LEVEL 1 HOSPITALITY

Students will develop their understanding of ingredients, cooking and presenting of dishes appropriate for the hospitality industry. This course is based around preparing items suitable for cafes, catering and restaurants. There is a focus on high quality products and presentation.

This course is made up of unit standards. Selected students may be able to participate in a barista course (commercial coffee making).

The teacher and students will co-construct the course depending on interests and strengths.

The standards offered may be subject to change, dependent on student interests and strengths.

Internal standards	Description	Credits
15901	Prepare and present fruit and vegetables in hospitality industry	3
19770	Prepare and present egg and cheese dishes in the hospitality industry	2
15919	Prepare and present hot finger food in the hospitality industry	2
15920	Prepare and present sauce and soup in the hospitality industry	2
15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	3
21057	Prepare, construct, and garnish mocktails for the hospitality industry	2
21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2

# MATHEMATICS

## LEVEL 1 MATHEMATICS

Mathematics (or Numeracy) **is strongly recommended** for all students at Level 1 in order to meet the numeracy requirements for NCEA Level 1.

Students who wish to continue with Mathematics or Statistics in Level 2 should choose mathematics.

The teacher and students will co-construct the course depending on interests and strengths. The standards will be chosen from the following:

Internal standards	Title	Literacy	Numeracy	Credits
91026	Apply numeric reasoning in solving problems		✓	4
91030	Apply measurement in solving problems		✓	3
91032	Apply right-angled triangles in solving measurement problems		✓	3
91035	Investigate a given multivariate data set using the statistical enquiry cycle	✓	✓	4
91036	Investigate bivariate numerical data using the statistical enquiry cycle.	✓	✓	3
External standards				
91027	Apply algebraic methods in solving problems (Additional standard at Teacher discretion)		✓	4

# MATHEMATICS WITH STATISTICS

## LEVEL 1 MATHEMATICS WITH STATISTICS (NUMERACY)

This Level One course contributes 19 Level 1 National Certificate in Educational Achievement (NCEA) credits.

In Year 11, you have the opportunity to develop your understanding of basic statistics, geometry, percentages, probability and decimals.

Students can continue with Mathematics with Statistics at Level 2.

### Consider choosing this subject if you:

- Aim to achieve the 10 minimum Numeracy credits required to pass Level 1.

Internal Standards	Description	Literacy	Numeracy	Credits
91026	Apply numeric reasoning in solving problems		✓	4
91033	Apply knowledge of geometric representations in solving problems		✓	3
91035	Investigate a given multivariate dataset using the statistical enquiry cycle	✓	✓	4
91036	Investigate bivariate numerical data using the statistical enquiry cycle	✓	✓	3
91038	Investigate a situation involving an element of chance	✓	✓	3

# PRE TRADES

## LEVEL 1 PRE-TRADE AUTOMOTIVE

Students will learn theory and practical work.

It is designed for those students wanting a future in trades, especially our Tai Tokerau Trades Academy courses, including Automotive at Level 2.

This course is supported by the Gateway programme and will have a work placement component.

<b>Internal standards</b>	<b>Description</b>	<b>credits</b>
22923	Demonstrate basic engineering workshop skills under close supervision	12
16113	Demonstrate knowledge of safe working practices in an automotive work shop	2
21857	Identify the occupational areas and structure of the New Zealand Motor Industry	2
247	Prepare a vehicle and or machine for use and shut down after use	2
21669	Demonstrate knowledge of hand tools and work shop equipment for motor industry applications	2
497	Demonstrate knowledge of workplace health and safety requirements	3

# SCIENCE

<b>LEVEL 1 SCIENCE</b>			
Students will learn about Biology, Chemistry and Physics.			
The teacher and students will co-construct the course depending on interests and strengths. The standards will be chosen from the following:			
<b>Internal standards</b>	<b>Description</b>	<b>Numeracy</b>	<b>Credits</b>
90925	Carry out a practical investigation in a biological context, with direction.	✓	4
90946	Investigate the implications Science of the properties of metals for their use in society		4
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction.	✓	4
90950	Investigate biological ideas relating to interactions between humans and micro-organisms.		4
<b>External standards</b>			
90944	Demonstrate understanding of aspects of acids and bases.		4
90948	Demonstrate understanding of biological ideas relating to genetic variation		4

# SPORT & RECREATION

## LEVEL 1 SPORT & RECREATION

Consider choosing this subject if you:

- are interested in understanding more about yourself and your relationship with physical activity.

The teacher and students will co-construct the course depending on interests and strengths. The standards will be chosen from the following:

Internal standards	Description	Literacy	Credits
90962	Participate actively in a variety of physical activities and explain factors that influence own participation.		5
90964	Demonstrate quality movement in the performance of a physical activity		3
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others.	✓	4
90968	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities		3
90970	Demonstrate self management strategies and describe the effects on participation in physical activity		3
426	Experience camping		3

# TE REO MĀORI ME ONA TIKANGA

## LEVEL 1 TE REO MAORI ME ONA TIKANGA

Students will learn to converse with Te Reo Māori speakers in familiar social situations and cope with some less familiar ones. They may use basic Māori language patterns spontaneously, show a willingness to experiment with new language and to read independently. They will write short passages, personal letters, and simple formal letters in Te Reo Māori. Students are increasingly confident in using a range of strategies for learning Te Reo Māori and for communicating with others in predominantly Māori social contexts.

Level 1 Te Reo Maori students that are part of the school Kapa Haka will have the opportunity to complete the requirements of the Maori Performing Arts Standards. Performances at Te Tai Tokerau Festival and Regional Competitions will be kept for evidence towards these standards. The theory and practical evidence will be archived to be accredited to students in the following year (where applicable).

Mau Rakau Unit Standards are also integrated in the Level 1 programme. This kaupapa provides opportunity for students to learn historical knowledge and skills of 'Te Ao Mau Rakau' and how the revitalisation of the Art has assisted in the learning of Te Reo Maori me ona Tikanga in today's contemporary world. Depending on the knowledge ability and skill of the student they may be invited to enrol in the Level 2 Mau Rakau Standards.

Consider choosing this subject if you:

- demonstrate a genuine interest or passion in learning and continuing to develop knowledge and skill in Te Reo Māori and Tikanga Māori as they are intertwined.

The teacher and students will co-construct the course depending on interests and strengths. The standards will be chosen from the following:

Internal standards	Description	Literacy	Credits
91085	Whakarongo kia mohio ki te reo o tona ao	✓	6
91086	Korero kia whakamahi i te reo o tona ao	✓	6
91089	Waihanga tuhinga i te reo o tona ao	✓	6
91087	Panui kia mohio i te reo o tona ao	✓	6
20948	Demonstrate knowledge of tikanga associated with tuwaewae and demonstrate tuwaewae.		8