

TUKUA O PUNGA

CURRICULUM COURSE GUIDE – LEVEL 3

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 13 students return to school for a variety of reasons. Some have the goal of achieving University Entrance, while others are working on their NCEA Level 1, 2 or 3. There are no compulsory subjects at Year 13.

To achieve NCEA Level 3 students must gain 60 credits from either Achievement Standards or Internal Standards based subjects and 20 co-requisites credits.

NCEA co-requisite for literacy, numeracy, te reo matatini and pāngarau

- Learners will need to achieve a 20-credit co-requisite using either the new literacy and numeracy, te reo matatini and pāngarau standards or an approved list of literacy and numeracy-rich assessment standards to be awarded an NCEA.
- Learners need to complete the co-requisites once only. Learners will only be awarded a NCEA qualification once they have met the 20 credit co-requisites.

Students will take five subjects. Attendance is a significant contributing factor in ensuring academic success. Students who attend at least 85% are more likely to complete course and NCEA qualifications competently.

University Entrance under NCEA is as follows:

- *10 credits at Level 1 or above in Numeracy*
- *5 credits at Level 2 or above in Reading*
- *5 credits at Level 2 or above in Writing*
- *14 credits at Level 3 or above in three Approved Subjects*
- *NCEA Level 3*

It is possible to study a small number of Approved Subjects through Te Kura (The Correspondence School) or FarNet. This must be discussed thoroughly and confirmation usually occurs the following year.

During subject selection guidance is available from Whanau Teachers, Pou Arahi Leader, Subject teachers, Careers staff and Senor Leaders.

Approved Subjects for University Entrance offered at Tikipunga High School

- Art Design
- Art History
- Biology
- Calculus
- Chemistry
- Dance (MCP)
- Digital Technology
- Earth and Space Science
- Education for Sustainability
- English
- Geography
- History
- Mathematics
- Media Studies
- Painting
- Photography
- Physics
- Science
- Sport and Exercise in Practice
- Statistics and Modelling
- Te Reo Maori Me Ona Tikanga
- Technology

Additional Pathways of

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: Mr Benes.**

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 Bethany

Level 3 Courses 2027

SUBJECT	TIMETABLE CODE
Art Design	L3ADES
Biology	L3BIO
Chemistry	L3CHE
English	L3ENG
Hospitality	L3HOS
Mathematics and Statistics	L3MSTA
Painting	L3PTG
Photography	L3PHT
Physics	L3PHY
Social Sciences: Psychology	L3PSY
Sport and Exercise	L3SPO
Te Reo Māori Me Ōna Tikanga	L3TRM
ACADEMIES	
Automotive Academy	L3AUTO
Mana Marae Academy	L3MMA
Services Academy	L3SERV

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
60 credits are required at Level 1 and 20 co-requisites credits.

Level 2
60 credits at Level 2.

Level 3
60 credits at Level 3.

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 programs 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 DESIGN (ADES)

LEVEL 3 ART DESIGN

UE Available

Students will produce a portfolio of Design work ie; for a brand, product, even or character design. They will incorporate their own photographic and hand drawn imagery. The project will include the development of logo and promotional material using hand drawn and digital technologies. Students will develop skills using camera and photography studio, Adobe Creative Suite, handmade illustration and Wacom digital drawing. Students will investigate the processes and intentions of contemporary designs from Aotearoa and around the world. Students are encouraged to take part in the Scholarship extension programme where students develop an additional 8 x A3 page research document alongside their investigation for the portfolio.

- Digital Workbook documenting their ideas and process for two internally assessed standards.
- One 3 x A1 panel portfolio is required for the external standard submission in Term 4.
- *Students may elect to study more than one Art subject in Year 13. Consultation with Leader of Learning and Team Leaders is advisable to ensure this is the best pathway for you.*

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



Victor Orr

Internals	Description	Credits
91445	Use drawing to demonstrate understanding of conventions appropriate to design.	4
91450	Systematically clarify ideas using drawing informed by established design practice.	4
91460	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context.	4
External		
91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.	14

BIOLOGY (BIO)

LEVEL 3 BIOLOGY

UE Available

Akonga will deepen their biological knowledge, exploring homeostasis and thermoregulation to some depth, forming a personal informed position on a socio-scientific issue with relevance to Aotearoa, further their knowledge on genetics, carrying out an investigation in a biological context, and explore our understanding of plant/animal responses to their external environment.

Internals	Description	Credits
91601	Carry out a practical investigation in a biological context, with guidance	4
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3 (UE Lit Reading)
91604	Demonstrate understanding of how an animal maintains a stable internal environment	3 (UE Lit Reading)
91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3 (UE Lit Reading)
Externals		
91603	Demonstrate understanding of the responses of plants and animals to their external environment	4 (UE Lit Reading/Writing)

CHEMISTRY (CHE)

LEVEL 3 CHEMISTRY

UE Available

Akonga will deepen their chemistry knowledge by exploring oxidation-reduction processes and cell potentials, understanding chemical processes around us with relevance to Aotearoa, enhance investigative skills involving quantitative analysis, and to dive deeper into thermochemical principles and the properties of particles and substances.

Internals	Description	Credits
91389	Demonstrate understanding of chemical processes in the world around us	3 (UE Lit Reading/WSriting)
91393	Demonstrate understanding of oxidation-reduction processes	3
91387	Carry out an investigation in chemistry involving quantitative analysis	3
External		
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	5

ENGLISH (ENG)

LEVEL 3 ENGLISH

UE Available

Students will engage with a range of texts. Students learn how to write essays and carry out research. Different perspectives are considered and critical texts explored.

The teacher and students will co-construct the course depending on interests and strengths. 14 credits are needed for University Entrance.

The standards will be chosen from the following:

Internals	Description	Credits
91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas.	6 (UE Lit Writing)
91476	Create and deliver a fluent and coherent oral presentation which develops, sustains and structures ideas.	3
91478	Respond critically to significant connections across texts, supported by evidence.	4
91479	Develop an informed understanding of critical texts.	4 (UE Lit Reading)
	Optional Exam:	
91473	Respond critically to specified aspect(s) of studied visual or oral text(s) supported by evidence.	4 (UE Lit Writing)

HOSPITALITY (HOS)

LEVEL 3 HOSPITALITY

UE Not Available



This is a food based senior hospitality course, it is made up of level three hospitality unit standards.

Students will further develop their understanding of ingredients, preparation, cooking and presentation of dishes appropriate for service in the hospitality industry. Students will explore a range of cooking techniques throughout the course.

Consider choosing this subject if you:

- Have an interest in developing your food preparation and presentation skills
- Are interested in career pathways such as a baker, chef, cook, caterer, café worker or food business owner.

The standards offered will be selected from the list below, selections will be dependent on student needs, interests and strengths. Below is the list of probable unit standards.

Internals	Description	Credits
24525	Perform food costing calculations in a commercial hospitality environment.	4
30916	Prepare and present basic hot and cold canapes in a commercial kitchen	4
13325	Prepare and bake basic cakes, sponges and scones in a commercial kitchen	3
13326	Prepare and cook basic pasta dishes in a commercial kitchen	3
13314	Prepare and cook egg dishes in a commercial kitchen	4
13282	Prepare, assemble and present complex sandwiches for service in a commercial kitchen	2

MATHEMATICS AND STATISTICS (MSTA)

LEVEL 3 MATHEMATICS AND STATISTICS

UE Available

Students will study the mathematics and statistics required for statistics and probability. It is particularly suitable for students with an interest in areas like social sciences, science and construction.

Calculus standards available with consultation.

Internals	Description	Credits
91574	Apply linear programming methods in solving problems.	3
91575	Apply trigonometric methods in solving problems.	4
91581	Investigate bi-variate measurement data.	4
91582	Use statistical methods to make a formal inference.	4
Externals		
91584	**Optional:** Evaluate statistically based reports.	4

PAINTING (PTG)

LEVEL 3 PAINTING

UE Available

Students will produce a portfolio of Painting. A theme of personal interest will be developed. Students will incorporate their own photographic resource imagery. Students will explore a range of drawing and painting techniques, and painting art theory. Students will investigate the processes and intentions of contemporary artist models from Aotearoa and the world. Students are encouraged to take part in the Scholarship extension programme where students develop an additional 8 x A3 page research document alongside their investigation for the portfolio.

- Workbook documenting their ideas and process for the two internally assessed standards.
- One 3 x A1 panel portfolio is required for the external standard submission in Term 4.
- *Students may elect to study more than one Art subject in Year 13. Consultation with Leader of Learning and Team Leaders is advisable to ensure this is the best pathway for you.*

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



Kiarna Reynolds

Internals	Description	Credits
91446	Use drawing to demonstrate understanding of conventions appropriate to painting	4
91451	Systematically clarify ideas using drawing informed by established painting practice	4
91460	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	4
Externals		
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	14

PHOTOGRAPHY (PHT)

LEVEL 3 PHOTOGRAPHY

UE Available

Students will produce a portfolio of Photography. A theme of personal interest will be developed. Students will develop skills with DSLR camera operation, professional photographic studio practice, Adobe Creative Suite, and photographic art theory. They will edit and manipulate photographic images, post-production, using digital processes. Students will investigate the processes and intentions of contemporary artist models from Aotearoa and the world. Students are encouraged to take part in the Scholarship extension programme where students develop an additional 8 x A3 page research document alongside their investigation for the portfolio.

- Digital Workbook documenting their ideas and process for the two internally assessed standards.
- One 3 x A1 panel portfolio is required for the external standard submission in Term 4.
- *Students may elect to study more than one Art subject in Year 13. Consultation with Leader of Learning and Team Leaders is advisable to ensure this is the best pathway for you.*

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



Brearna Whitehead

Internals	Description	Credits
91447	Use drawing to demonstrate understanding of conventions appropriate to photography	4
91452	Systematically clarify ideas using drawing informed by established photography practice	4
91460	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	4
Externals		
91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	14

PHYSICS (PHY)

LEVEL 3 PHYSICAL SCIENCE

UE Available

Akonga explores the physics in deeper detail by testing a physics theory relating two variables in a non-linear relationship, develops an understanding of modern physics, combines biomedical science and physics to explain the oximeter application, and choose between Waves and/or Mechanics for their external examination.

For students planning for a career as a sparky or with an interest in electricity, there is an option to choose the external "Electrical Systems" instead. It is not recommended to do more than two external examinations. In case akonga prefer to opt out of the external examinations, there is an option to form an informed response to a socio-scientific issue.

Internals	Description	Credits
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	4
91522	Demonstrate understanding of the application of physics to a selected context	3
91525	Demonstrate understanding of Modern Physics	3
91527	Use physics knowledge to develop an informed response to a socio-scientific issue	3
Externals		
91523	Demonstrate understanding of wave systems	4
91524	Demonstrate understanding of mechanical systems	6
91526	Demonstrate understanding of electrical systems	6

SOCIAL SCIENCES: PSYCHOLOGY (PSY)

LEVEL 3 SOCIAL SCIENCES: PSYCHOLOGY

UE Available

Psychology is the study of human interactions and behaviour. This course covers a range of Psychology experiments, key findings and the impacts on our understanding of why people behave the way they do. Students will have flexibility to discuss areas of interest with the teacher.

Standards covered:

Internals	Description	Credits
91872	Students will analyse the interaction between psychological approaches.	6 UE Lit Reading
91873	Analyse a key piece of research and its impacts on society.	3 UE Lit Reading
91597	Conduct a critical social inquiry.	6
91497 Media Studies	Write a media text to meet the requirements of a brief.	3
Optional:		
91475 English	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	6 UE Lit Writing

SPORT AND EXERCISE IN PRACTICE (SPO)

LEVEL 3 SPORT AND EXERCISE IN PRACTICE

UE Not Available

This Level 3 course is designed for those students who wish to develop their knowledge of theoretical aspects of Sport. It contains a practical element that involves the student training to complete a 'Mud Run' and evaluating the training process that they go through as part of the preparation.

Students will plan, coach and evaluate coaching sessions.

Internals	Description	Credits
91501	Demonstrate quality performance of a physical activity in an applied setting	4
30636	Demonstrate knowledge of the human body and its movement during exercise and stretching	7
22771	Plan beginner-level coaching sessions for sport participants	6
31677	Coach beginner-level participants through skill development activities for a selected sport	4
30477	Demonstrate basic knowledge of anatomical structures and physiological responses to exercise	5

TE REO MĀORI ME ŌNA TIKANGA (TRM)

LEVEL 3 TE REO MĀORI ME ŌNA TIKANGA

UE Available

Students will take part in general conversation with speakers of Te Reo Māori, understand most of what is said, and contribute relevant comments. They will explain and discuss many of their own ideas and opinions and may use Te Reo Māori creatively. They can read a variety of authentic Te Reo Māori materials and write expressively for a range of purposes. Students will use a range of strategies to help them learn Te Reo Māori effectively, and they demonstrate a high level of fluency for a learner of Te Reo Māori as a second language.

Students have now demonstrated consistent genuine interest or passion in learning and continuing to develop knowledge and skill in Te Reo Māori and Tikanga Māori including Te Ao Haka as they are intertwined, and so learning Te Reo Māori will enhance students access to Te Ao Māori (the Māori world) and to Māori world views. The insights and experiences (Māori Performing Arts) that students gain as they learn the language will enrich and broaden their understandings of the uniqueness and complexity of Te Ao Māori.

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

Internals	Description	Credits
91985	Perform three categories within a discipline of Te Ao Haka	5 (UE Lit Reading)
91984	Reflect on a personal learning journey in a discipline of Te Ao Haka	5 (UE Lit Reading/Writing)
91650	Whakarongo kia mōhio ki te reo Māori o te ao whānui	4 (L1 Lit, Te Reo Matatini)
91654	Waihanga tuhinga whai take i te reo Māori o te ao whānui	6 (L1 Lit, Te Reo Matatini & UE Lit Writing)
91651	Kōrero kia whakamahi i te reo Māori o te ao whānui	6 (L1 Lit, Te Reo Matatini)
External		
91652	Pānui kia mōhio ki te reo Māori o te ao whānui	6 (L1 Lit, Te Reo Matatini & UE Lit Reading)
Optional:		
16139	Describe a kingitanga hui	6

AUTOMOTIVE ACADEMY

LEVEL 3 AUTOMOTIVE ACADEMY

This course is delivered over **THREE** option lines. Students will be out one day per week on work experience through term 2 and 3 as part of their transition to work plan.

The Automotive Academy supports foundational knowledge of the automotive industry. Students work towards NCEA level 3, the Vocational Pathway Award in Manufacture & Technology and is designed for students looking at entering the trades industry on leaving school.

Consider applying for this academy if you:

- Have a strong interest in the automotive industry
- Interested in getting into a trade when you leave school
- Are looking for a practical hands-on (along with theory) learning experience

Entry into the Automotive Academy will be by application. Applications will open in October this year for any student who will be yr 13 in 2027. All applicants will be interviewed as part of the selection process with successful applicants being notified by the end of the school year. ***To complete the Level 3 programme students need to complete the Level 2 Automotive programme at Year 12.***

Students considering applying should be comfortable with the following:

- Attend all trades courses throughout 2027
- Maintain at least an 80% attendance record
- Be in correct uniform at all times
- Regard health & safety of self and others a top priority
- Behave in a way that promotes the values of the school

Students who are happy with the above will find the Automotive Academy a highly challenging and practical programme that rewards effort and prepares you for the future.

Internals	Description	Level	Credits
920	Demonstrate knowledge of light vehicle manual and semi-automatic transmission construction and operation	3	4
3856	Demonstrate knowledge of carrying out emergency procedures in automotive and related industries	3	
5766	Demonstrate knowledge of motor vehicle safety systems and damaged systems	3	4
17592	Identify the causes of back injury and methods to prevent back injuries in the workplace	3	4
30265	Apply height and safety risk assessment to a job role	3	8
30434	Service a vehicle or machine **(practical work-based)**	3	3
30435	Demonstrate knowledge of vehicle emissions	3	4
30436	Demonstrate knowledge of electronic fuel injection (EFI) system	3	2
30437	Demonstrate knowledge of operation of a diesel fuel system	3	2
30473	Demonstrate knowledge of automotive lubricants	2	2
30477	Demonstrate knowledge of petrol & diesel engines	3	4
30480	Demonstrate knowledge of automotive cooling systems and engine coolant	3	4
30568	Demonstrate knowledge of brake systems	3	4
30570	Demonstrate knowledge of welding in the motor industry	3	3

MANA MARAE ACADEMY

LEVEL 3 MANA MARAE ACADEMY

A Level 3 graduate from the Mana Marae Academy will demonstrate ability to:

Perform and deliver a wider range of Marae kaupapa and tikanga. Experiences include kapa haka, cultural tours, local noho marae, sharing unique stories about local places, people and activities that are popular among international and local visitors.

Carry out practical tasks on the Marae as required safely and with an understanding of current health and safety practices within the workplace or outdoor environment. Students have developed cultural safety practices and tikanga relevant to the situation.

Acquire transferable workplace skills, attitudes, behaviours and tikanga practice pertinent to Marae base hosted activities. Develop a deeper understanding of concepts, knowledge, experiences and associated tikanga in relation to themselves and Marae.

Further discussion about standard selection can be discussed with the Leader of Learning.

Level 3 graduate from the Mana Marae Academy will be working towards:

- Māori Tourism award
- UE tertiary pathway
- Gaining entry to industry specific tertiary programme i.e. QRC

Internals	Description	Credits
17784	Examine and recite appropriate karakia in tourism Māori	5
17786	Explain tikanga in Tourism Māori	5
31070	Explain the importance of Māori place names, and use reo Māori greetings and farewells in tourism	4
31287	Prepare and provide kai service, as part of a team and under supervision, for manuhiri	8
31288	Prepare and provide a service with limited supervision for manuhiri	10
91981	Perform a Te Ao Haka item to respond to a local kaupapa	6 (UE Lit Reading)
91984	Reflect on a personal learning journey in a discipline of Te Ao Haka	5 (UE Lit Reading/Writing)
6401	Provide first aid	1
6402	Provide basic life support	1

SERVICES ACADEMY (SERV)

LEVEL 3 SERVICES

This is **NOT** an approved University subject.

The Tikipunga High School Services Academy provides those students - who maybe considering a career in the NZDF - with the skills, knowledge and experience to properly prepare them for Service life. It also suits students - who may not be considering a career in the NZDF – but are looking for an alternative education program that includes outdoor and physical challenges. Either way the Services Academy program will develop a student's strength of character that will help them succeed after leaving school.

The Academy academic program focuses on Unit Standards that are relevant to a career in NZDF.

Included in the Services Academy program are 3 opportunities to represent THS at military courses run by current serving NZDF personnel. These courses give a great insight into Service life that cannot be matched by any other Services Prep program. Additionally, the top students within the class will be selected to represent THS on Basic and Advanced leadership courses.

2027
Entry into the Services Academy for 2027 will be by application. Applications will open in October this year for any student who will be in Year 13 in 2027. All applicants will be interviewed as part of the selection process with successful applicants being notified by the end of the school year.

Students should consider choosing this subject if you:

- attend all NZDF Courses throughout 2027
- maintain at least an 80% attendance record
- be in correct uniform at all times
- behave in a way that promotes the values of the school
- be prepared to do Physical Training (PT) each day, regardless of weather conditions

Students may be offered the opportunity to complete vocational (external provider) courses aligned to individual needs.

Ma mahi, ka ora - By work we prosper

Internals	Description	Credits
91501	Demonstrate quality performance of physical activity in an applied setting	4
9681	Contribute in a team or group which has an objective	3
1312	Give oral instruction in the workplace	3
1307	Speak to a known audience in a predictable situation	3
1296	Interview in an informal situation	3