

Senior Course Outline

NCEA Level Three (Y13) Subject Information

2025

The purpose of this booklet is to inform students, parents and whānau about the courses (subjects) available to students in 2025. It is important that you make informed choices that relate to your future career and interests.

It is most important that you make the right choices for you, and create a timetable that is challenging, engaging and stimulating for 2025. You need to think carefully about your option choices, as well as get advice and information from your teachers, Deans and the websites recommended within this booklet.

While we cannot guarantee that you will be able to select subjects in all the areas that you like, we hope you can access classes that meet most of your needs and interests and for those other interest areas there is the possibility of joining an online or correspondence learning community.

Getting an NCEA Qualification

Level 1 Certificate	60 NCEA Level 1 Credits or above* WITH
	Numeracy Corequisite
	AND
	Literacy Corequisite (reading AND writing)
Level 2 Certificate	60 NCEA Level 2 Credits or above*
	(20 carried over from Level 1)
	with '
	Level 1 Numeracy AND Literacy (this will change the following year)
Level 3 Certificate	60 NCEA Level 3 Credits or above*
	(20 carried over from Level 2)
	WITH
	Level 1 Numeracy AND Literacy (this will change the following year)
Course Endorsement	14 credits at Merit OR Excellence within a single subject area and school year
	At least 3 of these must be from externally assessed standards (exams) and 3
	from internally assessed standards
	(some subjects have exceptions including PE, Religious Studies and Visual Art)
Level Endorsement	Merit Endorsement - 50 credits at Merit (or Excellence) at the Level or above
	Excellence Endorsement - 50 credits at Excellence at the Level or above
	i.e. a Level 2 student can gain NCEA Level 2 with Excellence if they achieve Level
	2 with 50 of their 60 credits at the Excellence level from standards that are Level
	2 or above
University Entrance#	NCEA Level 3
	PLUS
	14 credits in 3 approved subjects
	PLUS
	University Literacy (10 Level 2 Literacy credits, 5 writing and 5 reading^) and
I	Numeracy (10 L1 Numeracy credits)

^{*}Credits can be used to count back i.e. Level 1 can include Level 1, 2, 3 or 4+ credits. Level 2 can include Level 2, 3 or 4+ credits. Level 3 can include Level 3 or 4+ credits.

Some University courses have specific requirements for entry e.g. require a certain subject to be taken at Level 3.

^ Various Level 2 and 3 subjects can offer these credits. You will notice in the subject information the codes **UE R, UE W** or **UE B** are given. These correspond to University Entrance Reading, University Entrance Writing or University Entrance Both (reading AND writing).

BYOD

BYOD stands for Bring Your Own Device. All students will need to look after their own device and bring it each day charged for their learning. The device could be in the form of a chrome book, laptop or ipad but not a cell phone.

If you do not have or are unable to purchase a device, Paeroa College will provide a lease device, a bond payment of \$100 will be charged and returned at the end of the year if the device is returned in good condition.

Gateway

GATEWAY

- is designed to strengthen the pathway for students to progress from school to workplace learning
- provides students with structured workplace learning across a range of industries and businesses, while they continue to study at school
- delivers hands on, practical learning that leads to nationally recognised qualifications
- Builds students' workplace experience, helping them move smoothly from school to work.



Availability

Gateway is available to senior secondary students (Year 12 and Year 13+) at Paeroa College

Placements

Students have an opportunity to work in such industries as Building, Engineering, Farming, Childcare, Retail, Motor Engineering, Horticulture, Electrical, Hospitality, Plumbing, Catering and Hair Dressing.

Gateway students generally spend one day a week in the workplace and usually do this for 10 weeks

Benefits For students

- an opportunity to build skills for employment and working in real workplaces
- an opportunity to try out potential careers and build links to Industry Training Organisations, modern apprenticeships and workplaces

Gateway Staff at Paeroa College

Pauline Kisling: Gateway Coordinator (Liaison and Placements)

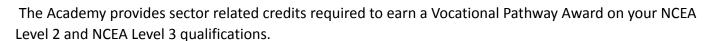
Denise Grimmer: Pathways Coordinator (Qualifications and Industry Training Liaison)

Trades Academies & Te Kura

WAIKATO TRADES ACADEMY 2025

The Waikato Trades Academy (WTA) is a secondary-tertiary partnership which allows year 11, 12 and 13 secondary school students to study at Wintec while still at school, getting the benefits of both worlds.

The WTA gives students a head start; gaining specific and practical experience and skills in an industry based setting, and the opportunity to move directly into a job or apprenticeship, or further study, on completion of secondary school.



Outcome

Participants in this programme will gain the knowledge and skills required to make decisions about career and higher level study pathways within their chosen vocational pathway.

Programmes

WTA Year 1 (Level 2) programmes:

- Vocational Pathway Manufacturing and Technology Sector (Level 2)
- Vocational Pathway Manufacturing and Technology Sector (Longveld) (Level 2)
- Vocational Pathway Construction and Infrastructure Sector (Level 2)
- <u>Certificate in Electrical Engineering (NCEA Level 2)</u>
- Vocational Pathway Services Industries Sector Hairdressing and Beauty Therapy (NCEA Level 2)
- Vocational Pathway Services Industries Sector Café Skills (NCEA Level 2)
- Vocational Pathway Social and Community Services Sector (NCEA Level 2)
- Outdoor Experience Level 2

WTA Year 2 (Level 3) programmes:

- Certificate in Building and Construction (Level 3)
- Certificate in Educational Achievement in Mechanical Engineering (General) (Level 3).
- Certificate in Education Achievement in Automotive Engineering (Level 3)
- Certificate in Service Industries Sector Level 3
- Certificate in Educational Achievement in Exercise Science (Level 3)

TE KURA

Correspondence allows you to study for a subject that is not available at your school or when you have a clash of subjects. You will be provided with learning booklets and an online tutor who will give you advice and guidance as you go.

For a full list of subjects on offer through the Correspondence School go to: https://www.tekura.school.nz/subjects-and-courses/

Wintec

University Entrance

Students intending on further education at University need to ensure that they have 'University Entrance'. Essentially this is a specified additional layer to the Level Three NCEA Qualification. The specifics are that students will need all of the following...

- NCEA Level 3 (the standard 80 credits)
- Three subjects at Level 3 made up of: 14 credits each, in three approved subjects (see the list below).
- Literacy 10 credits at Level 2 or above, made up of: 5 credits in reading and 5 credits in writing
- Numeracy 10 credits at Level 1 or above.

University Approved Subjects available at Level Three at Paeroa College (you will need 14 credits from three)...

- Biology
- Chemistry
- Visual Art
- Drama
- DVC
- English
- Mathematics
- Physical Education
- Physics
- Home Economics

- Health
- Business Studies
- Science (combination of Biology, Physics & Chemistry)
- Technology (combination of Home economics, DVC & Hard Materials)
- Te Reo Māori
- Music

For a full list of possible UE approved subjects go to

http://www.nzga.govt.nz/qualifications-standards/awards/university-entrance/approved-subjects/

UE Literacy – If you do not already have UE Literacy then you will and are intending to go to University you will need to have a successful year of **Level Three English**, **UE Literacy** OR **specifically target standards** from other subjects. Here is a link to the specific standards offering Reading and Writing Literacy http://www.nzga.govt.nz/qualifications-standards/awards/university-entrance/literacy-requirements/

You will notice in the subject information the codes **UE R**, **UE W** or **UE B** are given. These correspond to **University Entrance Reading**, **University Entrance Writing** or **University Entrance Both** (reading AND writing).

It is important that early in the year students intending to go to University check the subjects that they have chosen to ensure that they are eligible to gain this qualification.

Paeroa College Workshops

This year we will be running workshops. These will be short sessions focussed around wellbeing, personal growth and building social skills. Workshops will run on Tuesday and Thursday mornings. We recognise the importance of students having some time that isn't NCEA driven, these workshops will allow students time to interact with each other and kaiako in a non-curriculum based class. Workshops will run for around 5 weeks and students will be able to change at this point.

As a Year 13 student who is beginning to transition from school into the "real world" you will have the privilege of a later start on Tuesdays and Thursdays. The rest of the senior school will be engaged in workshops. You will start the day at period 2 (9.45am).

Helpful Links

The Ministry of Education has put together a number of resources and websites in order to better provide information to our students on NCEA, the vocational pathways and career choices. Here are some of the key websites that you can go to and be better informed.

http://youthguarantee.net.nz/vocational-pathways - gives information about Vocational Pathways
http://www.studyit.org.nz - useful study tips for breaking down standards into chunks of learning
http://studytime.co.nz/ - useful videos, study cards and past exam papers to help with learning
http://www.careers.govt.nz - information about careers, quizzes to find out what career suits you
http://www.nzqa.govt.nz - information about each subject area, NCEA requirements, literacy and numeracy
http://www.nzqa.govt.nz/about-us/publications/factsheets/ - information about how NCEA works

SENIOR HUB

Senior Hub is a course for students who need some extra support with achieving their NCEA. These classes work through supported learning standards that focus on time management, self management, planning, budgeting and communication skills. If you have been in Senior Hub in Year 12 you are able to take Senior Hub in Year 13. If you think you need the support of the Senior Hub class but have not been in it before please speak with your Achievement Dean about whether this is the right class for you.

YEAR 13 CAMP

All Year 13 students will need to attend a year level camp in Term 1. This camp is all about giving back to a chosen community. Students will spend three days together improving their relationships and contributing to a community. There will also be several experiences that will push them out of their comfort zones. The contribution donation will be \$100 for this camp.

WHAT DO I DO NOW?

- 1. Read through the courses in this booklet that are on offer to you for 2025
- 2. Make note of the ones that interest you or those that you need for your future (especially if you are targeting University Entrance)
 - 3. Look at the lines on the last page and choose one subject on each line

REMEMBER:

- You need to select 6 subjects
 - You will select a PAT class

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03 BIOLOGY OUTLINE 2025

Description of Course

This course will take you through two main contexts, humans and our relationship with the living world, and the biology of plants and animals. You will use research, investigations and problem solving to develop understanding of evidence and to draw conclusions. The literacy key learning areas are how, how we use genetics to change the characteristics of organisms, the evolution of humans over time, socio-scientific issues that affect New Zealanders, and how plants and animals respond to stimuli in their environment. Opportunities for learning will be drawn from the following standards.

This course will give you University Entrance (at least 14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91602 v2 Integrate biological knowledge to develop an informed response to a socio-scientific issue	3	UER	N	I	Y	Biology
AS91606 v2 Demonstrate understanding of trends in human evolution	4	UEB	N	Е	N	Biology
AS91604 v2 Demonstrate understanding of how an animal maintains a stable internal environment	3	UER	N	I	Y	Biology
AS91607 v2 Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3	UER	N	I	N	Biology
AS91601 v2 Carry out a practical investigation in a biological context, with guidance	4	UER	Y	I	N	Biology

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	2B5 book, pens & pencils, Chromebook

^{*}Further Assessment Opportunity Available

^{*}UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

03 BUSINESS STUDIES OUTLINE 2025

Description of Course

Are you ready to turn your big ideas into a thriving business? In this exciting course, you'll learn essential skills to successfully market and grow your company. Whether you are working in a group or as a solo entrepreneur, you will create and run your own business, partnering with the Young Enterprise Scheme (YES). Over the past five years, our student companies have won prestigious awards – could you be next? With a focus on innovation, creativity, and sustainability, you will develop, produce, market, and sell your own product or service. Plus, get ready for some practical learning with compulsory visits to Hamilton throughout the year! Ready to make your mark in the business world? Let's get started!

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US28098 v3 Evaluate options to increase personal income	3	N	N	I	N	Core Generic
AS91382 v2 Develop a marketing plan for a new or existing product	6	UER	N	I	N	Business Studies
AS91384 v2 Carry out, with consultation, an innovative and sustainable business activity	9	UER	N	I	N	Business Studies
US25424 v3 Demonstrate knowledge of factors that impact on business (optional)	4	N	N	I	N	Business Studies

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Start-up capital for your business (you can fundraise alternatively)	N/A

^{*}Further Assessment Opportunity Available

03 CHEMISTRY OUTLINE 2025

Description of Course

Level three chemistry continues the journey towards understanding the interactions and properties of chemical species in the world around us. You will learn more about how chemistry applies to the real world through practical, hands-on experience with lab and analytical work. Learning and assessment through both internal and external standards will give you a good understanding to take with you into life, work or tertiary studies. Topics include carbon chemistry, titration investigations, spectroscopic techniques and the redox of electrochemical reactions. Learning is based around a selection of the following standards.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91387 v2 Carry out an investigation in chemistry involving quantitative analysis	4	UEW	Y	I	Y	Chemistry
AS91388 v2 Demonstrate understanding of spectroscopic data in chemistry	3	N	N	I	Y	Chemistry
AS91389 v2 Demonstrate understanding of chemical processes in the world around us	3	UEB	N	I	Y	Chemistry
AS91391 v2 Demonstrate understanding of the properties of organic compounds	5	N	N	E	N	Chemistry
AS91393 v2 Demonstrate understanding of oxidation-reduction processes	3	N	N	I	Y	Chemistry

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	2B8, pens & pencils, calculator, Chromebook

*Further Assessment Opportunity Available

03 DRAMA OUTLINE 2025

Description of Course

Students who choose to take this course enjoy working with others and creating drama. They do not necessarily want to become actors! In level 3 drama, students will work collaboratively with their peers whilst working on scripts. They will develop an understanding of New Zealand theatre as well as other theatre forms from around the world. Students will also create their own performances whilst developing in confidence, focus and skill. We will also work on a production and have the opportunity to visit the theatre. Students will also engage in a workshop delivered by a professional theatre company.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91512 v2 Interpret scripted text to integrate drama techniques in performance	4	UER	N	I	N	Drama Performance
AS91513 v2 Devise and perform a drama to realise a concept	5	N	N	I	N	Drama Creation
AS91517 v2 Perform a substantial acting role in a significant production	5	UER	N	I	N	Drama performance

Additional Information:

	Stationery Needs s)
N/A A4 Notebook, highlighter, pen	A4 Notebook, highlighter, pen

*Further Assessment Opportunity Available

^{*}UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

03 D.V.C. OUTLINE 2025

Description of Course

This course focuses on product design and 3D modelling. Students will start off by learning to use 3D software and the laser cutter to produce physical models of computer generated parts and/or designs. They will then produce a product design portfolio. They will be given a brief and will need to work through the design process to produce a design that meets the given specifications, building on design knowledge they have gained over previous years. They will then model their product design using 3D modelling software to produce a set of working drawings that could be used to construct the final product.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91622 v3 Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine.	4	N	N	I	N	Construction & Mechanical Technologies
AS91630 v3 Resolve a product design through graphics practice.	6	N	N	I	N	Design & Visual Communication
AS91631 v3 Produce working drawings to communicate production details for a complex design.	6	N	N	Е	N	Design & Visual Communication

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	N/A

*Further Assessment Opportunity Available

03 ENGLISH OUTLINE 2025

Description of Course

This course gives students the opportunity to explore in depth areas that interest them in terms of language and literature. It encourages you to spend time working on your writing skills and prepares you for university. It also helps you develop your presentation skills along with further developing your understanding of film.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS 91479 V1 Develop an informed understanding of literature and/or language using critical texts	4	L1 & UER	N	_	Z	English
AS91476 V1 Create and deliver a fluent oral text which develops, sustains and structures ideas *Optional	3	L1	N	I	Ζ	English
AS91478 V1 Respond critically to significant connections across texts, supported by evidence	4	L1 & UER	N	I	N	English
AS91480 V1 Respond critically to significant aspects of visual and/or oral text through close reading with supporting evidence	3	L1	N	I	N	English
AS91473 V1 Respond critically to specified aspects of visual and/or oral texts supported by evidence	4	L1 & UEW	N	E	N	English
AS91101 V2 Produce a selection of crafted and controlled writing. *Optional level 2 standard to gain UE writing	6	UEW	N	I	N	English

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
It would be helpful for all students to purchase the Year 13 English workbook as this covers the whole course and can be used both as a resource and to assist in understanding each standard.	Refill, 1B8 Exercise Book, Pens, and highlighters

*Further Assessment Opportunity Available

03 FITNESS OUTLINE 2025

Description of Course

In Level 3 Fitness, students will develop skills in fitness centre training through the application of knowledge from exercise prescription, programme design and exercise testing as well as demonstrate their skills in a specific physical activity. A new aspect for this course is the introduction of preparing a 3 course meal from a traditional Māori menu based on the perspective of health and nutrition. This course is a gateway that can lead towards the fitness industry in job opportunities such as gym instructing, personal training, coaching and a nutritionist to name a few.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91501 v2 Demonstrate quality performance of a physical activity in an applied setting	4	N	N	I	Y	Health and Physical Education
US30935 v1 Develop and implement an exercise plan for personal physical fitness	5	N	N	I	N	Exercise
US30541 v3 Prepare, cook and present a range of dishes for manuhiri	15	N	N	I	N	Manaaki Marae - Marae Hospitality

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Device, Impact Manilla Document Wallet

*Further Assessment Opportunity Available

*UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

03 FOOD TECHNOLOGY OUTLINE 2025

Description of Course

Students will participate in a number of practical lessons that relate to a variety of culinary products and terms. Students will learn key nutritional needs and guidelines of different societal groups. They will look at factors that influence food choices, well-being and health. They will use their knowledge learned to propose a plan to address a food related issue.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91468 v2 Analyse a food related ethical dilemma for New Zealand society	5	UER	N	I	N	Home Economics
AS91466 v3 Investigate a nutritional issue affecting the well-being of New Zealand society	5	UER	N	I	N	Home Economics
AS91469 v2 Investigate the influence of multinational food corporations on eating patterns in New Zealand	5	UER	N	I	N	Home Economics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Chromebook

*Further Assessment Opportunity Available

03 TOURISM OUTLINE 2025

Description of Course

You will work independently on a prescribed tourism course. This would involve completing workbooks using the internet about the tourism industry in Asia, Australia, Pacific and key terminology used in the tourism industry.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US25913 Demonstrate knowledge of ground terminology and products used in the travel industry	4	Z	Ν	I	Ζ	Tourism
US26461 Demonstrate knowledge of Asian countries as tourist destinations	8	N	N	I	N	Tourism
US28126 Demonstrate knowledge of world geography, including the Pacific Islands and Australia, relevant to the travel industry	5	N	N	I	N	Tourism

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Pens, pencil, highlighter, folder for handouts

^{*}Further Assessment Opportunity Available

03 HEALTH OUTLINE 2025

Description of Course

In Level 3 Health, students can develop skills to evaluate and analyse a variety of health issues, topics, practices and trends in New Zealand society. This process helps students to develop effective strategies, research skills and a knowledge base that will be valuable for assessment purposes, their own well-being and the well-being of others in their school environment and the wider community.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91461 v2 Analyse a New Zealand health issue	5	N	Z	I	N	Health and Physical Education
AS91463 v2 Evaluate health practices currently used in New Zealand	5	N	N	I	N	Health and Physical Education
AS91464 v2 Analyse a contemporary ethical issue in relation to well-being	4	N	N	I	N	Health and Physical Education

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$50 Trips	Chromebook

*Further Assessment Opportunity Available

03 HISTORY OUTLINE 2025

Description of Course

You will be given the opportunity to choose an historical event to research from a wide range of topics, however this time you will have a wider variety of topics to choose, but you will also learn how to analyse source evidence for your chosen topic to a much deeper level. Some examples of these topics include: world wars, human rights & protest movements, Māori history movements and more. You will continue to learn and improve your reading, interpretation, comprehension and analytical skills, as well as practice how to communicate your ideas in an effective written format.

Students who demonstrate a high level of commitment to their learning in this course will also be given the opportunity to try their hand at an additional external exam standard which involves analysing sources of historical information about an event that has happened in Aotearoa.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91434 v2 Research an historical event or place of significance to New Zealanders, using primary and secondary sources	5	UER	N	I	Ζ	History
AS91435 v2 Analyse an historical, or place, of significance to New Zealanders	5	UER	N	I	Ν	History
AS91436 v2 Analyse evidence relating to an historical event of significance to New Zealanders	4	UEB	N	E	N	History

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Level 3 Analysing Historical Evidence 3.3 Learning Workbook - \$12.00 (Optional for exam only)	1x lined exercise book (e.g. 1B5) or binder and refill paper; Red & Blue pens; 3x different coloured highlighters; pencil & eraser

*Further Assessment Opportunity Available

03 HORTICULTURE OUTLINE 2025

Description of Course

The study of horticulture will help you understand plant uses, plant biology and their place in primary industry such as kiwifruit and grapes for wine. You will learn practical skills that can apply to growing your own kai or to a career in the industry. This course will be drawn from a range of interesting topics and mostly assessed through Unit Standards such as those below for example.

This course WILL NOT give you University Entrance

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
29829 v2 Demonstrate knowledge of plant structure, functions and processes	5	N	N	_	N	Horticulture
90832 v3 Demonstrate knowledge of plant structure, functions and processes	5	N	N	I	N	Environmental Sustainability
91528 v2 Carry out an investigation into an aspect of a New Zealand primary product or its production	4	N	N	I	N	Agricultural & Horticultural Sciences

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	2B5, Pens & Pencils, Chromebook/Laptop, gardening gloves

*Further Assessment Opportunity Available

03 HOSPITALITY OUTLINE 2025

Description of Course

Students will participate in a number of practical lessons that relate to class tasks. Foods produced need to meet industry standards. Students will learn about coffee production and producing cafe style coffee. Completing the coffee making standard is optional and will require students to use their own time. Students will design and trial a food product, perfecting their recipe.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US18497 v8 Demonstrate knowledge of culinary products and terms	8	N	N	I	Ζ	Hospitality
US17288 v7 Prepare and present espresso beverages for service (optional)	5	N	N	I	N	Hospitality
US17284 v6 Demonstrate knowledge of coffee origin and production	3	N	N	I	N	Hospitality
US13343 v5 Demonstrate knowledge of basic nutrition in commercial catering.	5	N	N	I	N	Hospitality

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$5.00 workbook	pens, pencils, highlighters.

*Further Assessment Opportunity Available

03 MATHEMATICS WITH CALCULUS OUTLINE 2025

Description of Course

This course is designed to prepare the student for the study of mathematics, pure and applied sciences, or engineering at a tertiary level. The focus of this NCEA Level 3 Mathematics with Calculus course is on calculus, with students encountering algebra and trigonometry topics, as well as the manipulation of real and complex numbers, geometry and conic sections. The formulation of problems in mathematical terms, use of mathematical reasoning, precision in the use of symbols and the ability to construct and set out methodically a mathematical argument are increasingly important. Students can study a mixture of internals and externals to secure UE in this subject. There will be a senior maths trip to see Maths in the real world as well as guest speakers.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91587 v2 Apply systems of simultaneous equations in solving problems	3	N	Y	I	Υ	Mathematics & Statistics
AS91574 v2 Apply Linear Programming methods in solving problems	3	N	Y	I	Υ	Mathematics & Statistics
AS91575 v2 Apply trigonometric methods in solving problems	4	N	Y	I	Y	Mathematics & Statistics
AS91579 v2 Apply integration methods in solving problems	6	N	Y	Е	N	Mathematics & Statistics
As91578 v2 Apply differentiation methods in solving problems	6	N	Y	Е	N	Mathematics & Statistics

Possible additional standards:

91573 Apply the geometry of conic sections in solving problems - 3 credits

and 91576 Use critical path analysis in solving problems - 2 credits and 91577 Optional extra external : Apply the algebra of complex numbers in solving problems externals 5 credits

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1J8, Clearfile, calculator, pen

*Further Assessment Opportunity Available

*UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

03 MATHEMATICS WITH STATISTICS OUTLINE 2025

Description of Course

This is a Statistical Maths course. To help students become more aware of the statistical and business side of Maths and how it is more than crunching numbers. It has no prerequisites and is open to anyone to join. It looks at data in the real world and presents the facts in a report. There is an optional external.

- In Maths you will further develop how to collect, display and analyse data. You will be able to solve a range of real world problems. A great skill to have in any future.
- It will cover using graphical packages to solve real world problems.
- You will look at patterns over time in the real world as well as relationships between variables and develop your statistical literacy. We will look at the environment such as glaciers and earthquakes.
- Critical path Analysis follows a discrete maths path and is a different branch of maths that involves getting jobs done in specific orders to maximise profits. Great for Business owners and Project designers.
- A couple of field trips to business projects that use maths and data. As well as guest speakers.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91576 Use Critical Path Analysis in solving problems (OPTIONAL)	2	N	Y	I	Y	Mathematics & Statistics
AS91581 Investigate Bivariate Measurement Data	4	N	Y	I	Y	Mathematics & Statistics
AS 91583 v2 Conduct an experiment to investigate a situation using design principles	4	N	Y	I	Y	Mathematics & Statistics
AS91580 Investigate Time Series Analysis	4	N	Y	I	Y	Mathematics & Statistics
AS91582 Use statistical methods to make a formal inference	4	N	Y	I	Υ	Mathematics & Statistics

optional external 91584 for endorsement: Evaluate Statistically Based Reports

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1J8, Clearfile, calculator, chromebook and a pen

*Further Assessment Opportunity Available

*UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

03 MECHANICS OUTLINE 2025

Description of Course

This unit standard course is designed with the intention that it is largely self-directed. Teaching around engineering workshop machining and fabrication skills. The achievement standard course has two written assessments and a project. It will be a self-directed project that will have to be negotiated and meet a set criteria.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB):	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US32054 v4 Machining in a MaPS Environment.	7	N	N	Ι	N	Engineering Core Skills
US32056 v4 Fabrications in a MaPS Environment.	7	N	N	I	N	Engineering Core Skills

Additional Information:

(including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Laptop/Chromebook

*Further Assessment Opportunity Available

•**UER** – University Entrance Literacy Reading, **UEW** - University Entrance Literacy Writing, **UEB** - University Entrance Literacy Both Reading & Writing

03 MUSIC OUTLINE 2025

Description of Course

This course will enable you to further develop the performance, investigative and analysis skills worked on in the Level 2 music programme. You will achieve this by investigating, researching, and performing on an instrument of choice. The key areas of learning will provide pathways for you to build and grow your performance, compositional, research and analytical skills in music. You will compose three original songs that express imaginative thinking. This will require you to generate a lyric and chord sheet as well as a recording. You may also use Bandlab or a similar software programme to assist with this process if available.

It is expected that students will participate in itinerant lessons either at school or in the community. There may be an opportunity to hire a musical instrument depending on resources available.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From		
PLEASE NOTE THAT 14 CREI	PLEASE NOTE THAT 14 CREDITS WILL BE SELECTED FROM THE FOLLOWING							
AS91416 v2 Perform two programmes of music as a featured soloist	8	N	N	I	N	Making Music		
AS91418 v2 Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	4	N	N	I	N	Making Music		
AS91425 v2 Either: Research a music topic	6	UEB	N	I	N	Music Studies		
AS91849 v2 Or: Compose three original songs that express imaginative thinking	8	N	N	I	N	Making Music		
Additional Information:								
Course Contribution Donations (including trips, camps, work booklets, non-take home materials) Stationery Needs								

*Further Assessment Opportunity Available

*UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

N/A

N/A

03 PATHWAYS & TRANSITIONS OUTLINE 2025

Description of Course

All senior students will take one line of Pathways & Transitions (PAT). This class will offer packages of learning aimed at improving research skills, communication skills, wellbeing, budgeting, team work, life skills and study skills.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US4251 v8 Plan a career pathway	3	N	N	I	Ν	Core Generic
US2990 v8 Read texts to research information	4	N	N	I	N	Reading
US 12356 Demonstrate knowledge of consumer problems and ways to resolve them	3	N	N	I	N	Core Generics
US28100 v3 Develop a plan to achieve a long-term personal financial goal (s)	4	N	N	I	N	Core Generic (Financial)

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	N/A

*Further Assessment Opportunity Available

^{*}UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

03 PHYSICAL EDUCATION OUTLINE 2025

Description of Course

In Level 3 Physical Education, students will evaluate the effectiveness of a performance improvement programme, participate in a range of physical activities and devise safety management strategies for outdoor activities. This course can lead to career pathways in the fitness industry, physiotherapy, sports medicine, nutritionist and teaching to name a few.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91498 v2 Evaluate physical activity experiences to devise strategies for lifelong well-being	4	N	N	I	Y	Health and Physical Education
AS91500 v2 Evaluate the effectiveness of a performance improvement programme	4	Y	N	I	Y	Health and Physical Education
AS91504 v2 Analyse issues in safety management for outdoor activity to devise safety management strategies	3	Y	N	I	Y	Health and Physical Education
AS91505 v2 Examine contemporary leadership principles applied in physical activity contexts	4	Y	N	I	Y	Health and Physical Education

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs			
\$100 Camp Cost - a 2 day, 1 night camp during Term 2	Device, Impact Manilla Document Wallet			

*Further Assessment Opportunity Available

03 PHYSICS OUTLINE 2025

Description of Course

The Level 3 physics course will be offered as a correspondence course through Te Kura, Your learning will be supported in class by a Science teacher. Studying this course will require you to be a self-motivated learner with good time management skills. Through this course you will build on your previous understanding of Physics and how it applies to the world. Topics may include mechanical systems, nuclear physics, a practical investigation and research into an applied context. This physics course will combine learning towards both internal and external standards that can help prepare you for both work and tertiary pathways. Topics will be taken from the list below.

This course can give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91521 v2 Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	4	N	N	I	N	Physics
AS91522 v2 Demonstrate understanding of the application of physics to a selected context	3	N	N	I	N	Physics
AS91524 v2 Demonstrate understanding of mechanical systems	6	N	N	Е	N	Physics
AS91525 v2 Demonstrate understanding of Modern Physics	3	N	N	I	N	Physics
AS91527 v2 Use physics knowledge to develop an informed response to a socio-scientific issue	3	UER	N	I	N	Physics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1B8, pens & pencils, calculator, Chromebook/laptop

*Further Assessment Opportunity Available

*UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

SENIOR LITERACY OUTLINE 2025

Description of Course

This course is all about helping you improve your literacy skills and get ready for the Literacy CAA assessments. Along the way, you'll also boost your critical thinking, communication, and analytical skills by working with different types of written, spoken, and visual texts. By the end of the course, you'll feel more confident with reading, writing, and sharing your ideas in ways that can help you succeed both in school and beyond. **These are Level 2 Standards.**

Standard Type, Standard Number, Version and Standard Title	Credits	Internal / External / Submitted External (I/E/SE)	FAO* (Y/N)
AS91105 v2 Use information literacy skills to form developed conclusion(s)	4	I	Υ
AS91102 v2 Construct and deliver a crafted and controlled oral text	3	I	Υ
AS91104 v2 Analyse significant connections across texts, supported by evidence	4	I	Υ
AS91107 v2 Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	3	I	Υ

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	2 x 1B8 exercise books, pens, highlighters, chromebook

^{*}Further Assessment Opportunity Available

SENIOR NUMERACY OUTLINE 2025

Description of Course

This course will help students improve their Numeracy and preparedness for the NCEA Numeracy CAA assessment. It will focus on filling in skill gaps as well as familiarising students with the types of questions and expected answers on the assessment. Students will additionally complete standards that will allow them to alternatively gain Numeracy through those assessments - if they achieve Numeracy through the CAA, then these credits will go towards their overall NCEA qualification.

Standard Type, Standard Number, Version and Standard Title	Credits	Internal / External / Submitted External (I/E/SE)	FAO* (Y/N)
AS91944 Mathematics and Statistics Explore data using a statistical enquiry process	5	I	Υ
AS91259 Mathematics and Statistics Apply trigonometric relationships in solving problems	3	I	Υ
AS91260 Mathematics and Statistics Apply network methods in solving problems	2	I	Υ
AS91265 Mathematics and Statistics Conduct an experiment to investigate a situation using statistical methods (optional)	3	I	Υ

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Chromebook, calculator, 1J8 notebook, pen and pencil Numeracy workbook (supplied)

^{*}Further Assessment Opportunity Available

03 TE AO MĀORI OUTLINE 2025

Description of Course

This course will develop students' knowledge of Te Ao Māori in a range of practical and theory contexts. Students will learn how to cultivate and prepare a mara kai, by utilising natural resources and already pre prepared seedlings and plants. Local knowledge and histories from around our area, will shape our ideas and practical examples used within this learning space. Students will also learn the importance of Hāuora within whānau and how technologies are supporting the implementation of whānau and business. This course is heavily practical with our learning spaces being both inside the classroom and out.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US17791 v6 Plan, prepare, carry out, and evaluate the cultivation of crops in accordance with tikanga.	10	N	N	I	N	Mahinga Kai
US 30622 v2 Identify technology pūkengatanga within the whānau.	6	N	N	I	N	Whānau ora unit

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs		
Marae visit \$10	1B5 book, Chromebook, Pens/ pencil		

*Further Assessment Opportunity Available

03 TE REO MĀORI 2025

Course Description

Tēnā rā koutou kātoa nei te mihi ki a koutou ngā ākonga mo te tau hau, anei ngā mahi āko mo a tātou hei whiria hei pānui, hei rangahau, he whakarotia i ngā kaupapa maha o te motu nei. Kia ora and welcome to Te Reo Māori level 3 2025. In this program we will focus on four main genre aspects of developing confidence in reading, writing, viewing and speaking in Te Reo Māori. The aim of this program is to broaden student vocabulary and sentence structure based on writing frequent complex language features in their everyday program.

<u>Kaupapa Focus</u>: students will research (mahi rangahau) a local rangatira, including Hotunui or Marutuahu. They will work together to collate information and write reviews and reports about local past and current events including latest news items recalling past information and historical events. Students will develop report writing skills, develop a profile about themselves, include a Curriculum Vitae, identify their personal skills and research possible career options. As part of their away kaupapa students may have an opportunity to visit Te Paenga Hira (Auckland Museum) as a culmination to their rangahau study. Students must complete a set workbook as part of their development for completing their assessments.

<u>Curriculum Focus:</u> The main outcome is for students to learn to 8:1 communicate about certainty and uncertainty, possibility and probability 8:2 learn to debate giving a point of view with reasons 8.3 recounting a series of events to inform 8:4 communicate the same information in different ways 8:5 Respond to Māori texts eg: tikanga, literature, television, film or other.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91650 v2 Whakarongo kia mōhio ki te reo o te ao whānui	4	L1	N	I	Y	Te Reo Māori
AS91651 v2 KŌrero kia whakamahi i te reo o te ao whānui	6	L1	N	I	Y	Te Reo Māori
AS91652 v2 Pānui kia mōhio ki te reo Māori o te ao whānui	6	L1 & UER	N	Е	N	Te Reo Māori
AS91653 v2 Tuhi i te reo Māori o te αο whānui	6	L1 & UEW	N	Е	N	Te Reo Māori
AS91654 v2 Waihanga Tuhinga whai take i te reo Māori o te ao whānui	6	L1 & UEW	N	I	Y	Te Reo Māori

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Set of Pens / 1 clear file profile / 1B8 Notebook Chromebook essential

*Further Assessment Opportunity Available

03 TOURISM & TRAVEL OUTLINE 2025

Description of Course

What to learn something new? Do you love exploring new places or dream about adventures here in our backyard? Then Travel and Tourism is the subject for you! In this course, you will uncover different destinations, learn about different cultures and how tourism shapes economies. You may even develop a passion for travel that leads you to a career in tourism. This subject has countless possibilities. So, let us get started on your global journey... guess what no passport required.

This course will not give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US18212 V3 Demonstrate knowledge of New Zealand as a tourist destination	8	N	N	I	Z	Travel, Hospitality
US26463 v3 Demonstrate knowledge of European countries as tourist destinations	8	N	N	I	N	Travel, Tourism
US31070 v3 Explain the importance of Māori place names, and use reo Māori greetings and farewells in tourism	4	N	N	I	N	Tourism Māori Practices, Tourism Maori

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Chromebook

*Further Assessment Opportunity Available

^{*}UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

UNIVERSITY ENTRANCE LITERACY OUTLINE 2025

Description of Course

This course is designed to build your research and writing skills. This course will teach you how to research, reference, structure essays, reports and write for an audience. Mastering this course means that you will have met the writing criteria for entry into university. Please do not select this course if you have already passed the level 2 University Entrance course.

This course will not give you University Entrance (14 approved AS credits) BUT will give you University Entrance Literacy Writing

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91101 V2 - Produce a selection of crafted and controlled writing *level 2 standard	6	UEW	N	_	N	Languages
AS91478 V1 - Respond critically to significant connections across texts, supported by evidence. *optional	4	L1	N	-	N	English
AS91105 V2 - Use information literacy to form developed conclusions *level 2 standard	4	UER	N	I	N	English
AS91476 v1 - Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas.	3	L1	N	I	N	English

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Charged device, 1B8, highlighters, refill.

*Further Assessment Opportunity Available

03 VISUAL ART OUTLINE 2025

Description of Course

In this course, students will be painting and working with mixed media. They will be learning new techniques and processes to help advance their skills in a 2D format. Students will be able to choose their own theme for their artworks while researching related historical and contemporary artists for inspiration. The internal painting standards contribute towards the external portfolio.

This course will give you University Entrance (14 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91446 v2 Use drawing to demonstrate understanding of conventions appropriate to painting.	4	N	N	I	Y	Visual Art
AS91451 v2 Systematically clarify ideas using drawing informed by established painting practice.	4	N	N	I	Y	Visual Art
AS91457 v2 Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.	14	N	N	E	Ν	Visual Art

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$20 - \$30	At the beginning of the year you will be given a stationary pack which will have the majority of the art supplies required for the whole year. This stationary will be purchased by the school and charged to your account. The remaining materials such as brushes, rulers etc. will be provided by the school for free.

*Further Assessment Opportunity Available

03 WOOD TECHNOLOGY OUTLINE 2025

Description of Course

This course focuses on improving various carpentry skills and techniques in the production of a BCATS project, also with enhancing skills will come more experience with a numerous amount of more technical carpentry tools and machines. Throughout the production of this project the student will be having an in depth look into the design, calculating and planning side of Hard Materials Technology.

This course will not give you University Entrance (15 approved AS credits)

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US 29681 v2 Measure and calculate for a Stage 3 BCATS project	3	N	N	I	N	Construction Trades
US 29684 v2 Undertake a Stage 3 BCATS project	12	N	N	I	N	Construction Trades

Additional Information:

	Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A		Chromebook

*Further Assessment Opportunity Available

LEVEL 3 - 2025 Senior Subject Lines - these lines are an indication only and may be subject to change

Line I	Line 2	Line 3	Line 4	Line S	Line 6	Line 7
O3DRA DRAMA BK	03HEA HEALTH HT	03PED PHYSICAL EDUCATION TI	03UELIT UNIVERSITY ENTRANCE LITERACY TO	SNRLIT SENIOR LITERACY TO	SNRNUM SENIOR NUMERACY DU	03BUS BUSINESS STUDIES KO
03PHY PHYSICS DP	03ART visual art ec	03HOR horticulture wt	03GEOTOU geo tourism wt	03HOS hospitality sr	03HIS history ve	03MUS music pv
03FTE FOOD TECHNOLOGY SR	03ENG english gh	03DVC DESIGN & VISUAL COMMUNICATION VW	O3TRM te reo māori pk	03ART visual art ec	03TAM te ao māori gu	03CHE CHEMISTRY KN
03FIT FITNESS GU	SNRHUB SENIOR HUB AL	03CAL MATHEMATICS WITH CALCULUS MO	03BIO BIOLOGY MU	03FIT FITNESS GU	03STA MATHEMATICS WITH STATISTICS CX	03PED PHYSICAL EDUCATION BE
03TTV TOURISM & TRAVEL KO	PAT PATHWAYS & TRANSITIONS VE/BR	03MEC mechanics wh	PAT PATHWAYS & TRANSITIONS XX	PAT PATHWAYS & TRANSITIONS VW	03WDT wood technology dk	PAT PATHWAYS & TRANSITIONS YM
PAT PATHWAYS & TRANSITIONS GM		SNRHUB SENIOR HUB AL			PAT PATHWAYS & TRANSITIONS YM	
Return to Subject Inc	d <u>ex</u>	PAT PATHWAYS & TRANSITIONS GU				