



## **YEAR 11 SUBJECTS – 2025**

Students at Cambridge High School are able to choose from a broad range of subjects aimed at meeting the needs of all students. It is important for parents/caregivers and students to give course selection the time and attention that is required. It is also important at Year 11 to maintain a balance between keeping future pathways and career options open, selecting subjects where students have a particular strength or interest and choosing subjects they enjoy.

Students should challenge themselves in a manner appropriate to their ability. Over half our students in all senior levels should aim for a Level 1, 2 or 3 NCEA Merit or Excellence Endorsement (accumulated across all subjects). Specific Subject Merit or Excellence Endorsements are also encouraged. These are attained if a student receives at least 14 Merit or Excellence credits in a specific subject. Students aiming to gain University Entrance should take at least four University approved subject pathways.

All students in Year 11 take six subjects. In Year 11, English, Mathematics and Physical Education are compulsory. Science is strongly recommended.

A subject will only run provided there is sufficient demand to make class sizes practical.

Every effort is made to ensure that as many students as possible are able to study a programme of their choice. It is a priority of the school to answer student need and accommodate as many students' choices as possible. For a small number of students there may be a timetable clash and an alternative subject may have to be chosen. Students affected by a clash will be notified in December.

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# NCEA CHANGES 2025

For some years, our government has been working on major changes to NCEA Level 1, 2 and 3. These changes have evolved after consultation with teachers, employers, students, parents and communities.

Key changes at Level 1 for 2025 include broadening access to a science curriculum by consolidation Physics with Earth and space Science and Chemistry with Biology, along with a new general nature of Science subject. Accounting, Art History, Classical Studies and Business will no longer be offered at Level 1. However, these subjects can be offered at Level 2 and Level 3.

Mandatory literacy and numeracy standards will be introduced from 2024 to help ensure everyone who has an NCEA qualification has a good level of foundational literacy and numeracy. These will be externally assessed digitally twice a year. Students will need to achieve them preferably in Year 10 or Year 11 in order to be awarded any level of NCEA qualification.

Level 1 which has required 80 credits will now require 60 credits plus attainment of the literacy and numeracy standards for students to be awarded the qualification. In addition standards have been reviewed and rebuilt so there are fewer, but larger standards and there will be more of an external component for some subjects than students have been used to. This will take the form of portfolios and Examinations.

**Level 1 NCEA 2025**  
**60 credits plus Literacy and**  
**Numeracy Standards**

**Those who are in Year 11 in 2025 will continue on with the current Level 2 and Level 3 NZQA Qualification in 2026 and 2027.**



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## Agricultural and Horticultural Science - AGH1

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This course is designed for students who wish to understand modern agricultural management practices across many sectors of the New Zealand Primary industries, and have careers that involve Agri-Science or Agri-Business.

Topics include: Demonstrate understanding of how a life process is managed in a primary production system, Demonstrate understanding of factors that influence the purpose and location of primary production and, Demonstrate how soil properties are managed in a primary production system.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Open entry, however, a record of work ethic will be considered. <b>Where does this lead:</b> Level 2 Agricultural and Horticultural Science or Level 2 Science <b>Parental Contribution:</b> NIL <b>Days out of School:</b> 3				

## Art Painting and Printmaking - ART1

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*“Art makes the world sit up and wonder”*. Do you see yourself in a creative future in the Creative Industries? Here’s the place to start developing your personal artistic portfolio to demonstrate your talents.

Level 1 Art Painting and Printmaking is a practical course developing skills in; Drawing and a range of media handling, Creative development of ideas, and Critical thinking about making art.

Students make art in response to their local environment and culture. Two assignments investigate methods and ideas for making art in painting and printmaking from established art practices. A folio submission shows your development of a theme in finished art works.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Successful completion of the Year 10 Art course and approval of the HOF Arts. <b>Note:</b> Students cannot take Art Painting and Printmaking together with Art Design. <b>Where does this lead:</b> Level 2 Art <b>Parental Contribution:</b> Approximately \$200 <b>Days out of School:</b> 1				



## Art Design - DES1

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Preparing for a future in visual design industries like entertainment, architecture, marketing design, or digital illustration? This is your subject.

Level 1 Art Design is a practical course developing drawing skills in both physical media and computer manipulation. Students will use creative development of ideas, critical-thinking about making art in projects to meet a design purpose, and basic photography methods and ideas.

Assignments include using drawing methods and skills for recording information using wet and dry media and understanding and applying physical and digital drawing conventions to develop work. A major folio will be produced for a project where ideas and methods from established design practice are used for a specific design purpose.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<p><b>Prerequisites:</b> Successful completion of Year 10 Art or Year 10 Design and approval of the HOF Arts.</p> <p><b>Note:</b> Students cannot take Art Painting and Printmaking together with Art Design.</p> <p><b>Where does this lead:</b> Level 2 Photography or Level 2 Art Design</p> <p><b>Parental Contribution:</b> Approximately \$60</p> <p><b>Days out of School:</b> 1</p>				

## Automotive Engineering - AUT1

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This course is designed for students who have a genuine interest in Automotive as a possible career in Mechanical Trades. Students must have demonstrated that they are capable of working safely in a practical environment, as some industrial machines will be used.

The course is a mixture of practical and theory lessons and assessments. These cover a range of introductory areas such as workshop safety, wheel changing, electrical circuit testing, the location and function of vehicle components and system, engine servicing and engineering related to the automotive industry. All credits are Unit Standards.

Internal	External	UE Reading	UE Writing	Endorsement
20				No
<p><b>Prerequisites:</b> Successful completion of the Year 10 Materials Technology Engineering Course or approval of the Teacher in Charge.</p> <p><b>Where does this lead:</b> Level 2 Automotive Engineering</p> <p><b>Parental Contribution:</b> Additional project costs</p> <p><b>Days out of School:</b> Nil</p>				



## Carpentry - CAR1

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The programme is set by the Building Construction Industry Training Organisation and will give students the opportunity to gain credits at Level 1 towards Stage 1 BCITO National Certificate in Carpentry. Students will construct two projects. These will be fully developed with working drawings that students will learn to follow. Techniques such as bent lamination and traditional wood joints are embedded in the design.

Topics include: Safe working practice, Hardware and fastenings, Joints, Materials and Workshop Processes.

Internal	External	UE Reading	UE Writing	Endorsement
20				No
<b>Prerequisites:</b> Satisfactory completion of Year 10 Materials Technology - Wood <b>Where does this lead:</b> Level 2 Carpentry <b>Parental Contribution:</b> \$180 <b>Days out of School:</b> Nil				

## Catering and Hospitality - CHY1

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This course is made up of industry approved Unit Standards. It is designed for students who enjoy food preparation and have an interest in working with food in the Hospitality Industry or gaining food preparation practical skills. Students will be required to attend at least one after school cook to comply with assessment requirements.

Topics include: Prepare and present hot finger food. Prepare and present sauce and soup. Prepare and cook a cake, a sponge and scones. Demonstrate knowledge of knife care, use, storage and carrying. Prepare and present meat. Prepare and present fruit and vegetables. Prepare and present egg and cheese dishes.

Internal	External	UE Reading	UE Writing	Endorsement
19				No
<b>Prerequisites:</b> Year 10 Food Technology or approval from TIC Food Technology <b>Where does this lead:</b> Level 2 Catering and Hospitality <b>Parental Contribution:</b> \$200 for food <b>Days out of School:</b> Nil				



## Commerce – COM1

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In Commerce, students will embark on a journey through the dynamic landscape of business, through the lenses of culture, identity, values, and beliefs. They will delve into the realm of financial decision-making, understanding its impact on sustainability and societal well-being while actively engaging in the operation of a real-life business.

Commerce covers the big ideas of:

- Informed Decision Making
- Cultural Influences
- Interdependence
- Societal Benefits

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes
<b>Prerequisites:</b> Successful completion of Year 10 English and Mathematics <b>Where does this lead:</b> Level 2 Accounting, Business Studies, Consumer Citizenship or Economics <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 2				

## Consumer Citizenship - CMC1

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Consumer Citizenship is a foundational course designed to equip students with essential knowledge and skills to become informed and responsible citizens in New Zealand's economy developing effective long-term habits for financial well-being. Consumer Citizenship focuses on enhancing students' financial literacy, empowering them to make informed decisions about their income, expenses, credit, and investments throughout various life stages.

Topics Covered:

- Credit History
- Credit and Debt
- Income and Life Stages
- Saving and Investment
- Risks and Risk Management Strategies
- Household Consumables and Purchases
- Financial Documents and Decisions

Through a combination of theoretical instruction, practical exercises, case studies, and interactive discussions, students will emerge from Consumer Citizenship Year 11 equipped with the knowledge, skills, and attitudes necessary to navigate the complexities of the modern consumer landscape.

Internal	External	UE Reading	UE Writing	Endorsement
20				No
<b>Prerequisites:</b> Open Entry <b>Where does this lead:</b> Level 2 Consumer Citizenship <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				





## Dance - DCE1

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Students will investigate the art of Dance performance and continue to develop their knowledge of the Elements of Dance through two major projects. In the first project, students will explore what is required to put on a narrative dance show. They will select their own storybook context, then learn and create dances that will walk an audience through the story.

In the second project, students will look at some historical moments in New Zealand's history and how they have been shown or communicated through Dance in Aotearoa. They will then have their own opportunity to add to this history by communicating their own moment in time.

Topics include: Compose a dance sequence in response to a given brief. Perform dance sequences. Demonstrate understanding of the relationship between key features and cultural context of a dance genre or style. Demonstrate understanding of the application of the elements of dance in a performance.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> At the discretion of HOF Arts/TIC Dance <b>Where does this lead:</b> Level 2 Dance <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 3				

## Design and Visual Communication - DVC1

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This course is designed to teach and develop students' skills in design and visually communicating their ideas. Students work on a design portfolio throughout the year which will include freehand sketching, rendering and C.A.D. work. Different sections of the portfolio are internally and externally assessed.

DVC leads on to any field which includes design and complements areas where an understanding of working drawings is required such as Architecture, Product design, Building and Engineering.

Topics include: Produce freehand sketches to communicate design ideas. Produce instrumental multi-view orthographic drawings that communicate technical features of design ideas working drawings. Produce para-line drawings to communicate design ideas using computer aided design. Use rendering techniques to communicate the form of design ideas. Demonstrate the development of a design idea communicated through graphics practice. Promote an organised body of design work to an audience using visual communication techniques.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Satisfactory completion of either Year 10 Design and Visual Communication, Art, Design or at the discretion of the TIC. <b>Where does this lead:</b> Level 2 Design and Visual Communication. <b>Parental Contribution:</b> \$30 plus portfolio stationery <b>Days out of School:</b> Nil				



## Digital Technologies Science - DTS1

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This course provides students with learning opportunities in a range of digital areas and computer applications. Students develop skills by completing a project in computer programming, digital electronics, or digital media creation. Students also learn about human computer interaction and other computer science concepts.

The course will provide theoretical and practical skills that could be useful in any career involving the use of computers or digital electronic microcontrollers.

Topics may include: developing a proposal and a design for a digital outcome, using an iterative process to develop a digital outcome, developing a computer program, digital media or electronics outcome; and demonstrating understanding of human computer interaction.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Students will need to have satisfactorily completed Year 10 Digital Technologies or Mechatronics Technology, or at HOF discretion. <b>Where does this lead:</b> Level 2 Digital Technologies <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				

## Drama - DRA1

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Students will work collaboratively to investigate, devise, perform and reflect upon Dramatic Forms and Conventions. Drama puts a heavy emphasis on building and fostering creativity, confidence, communication, compassion, culture, collaboration and critical thinking, all of which are important life skills and relevant to any job sector. This course develops confidence and allows students to further develop performance skills. Commitment to extra rehearsals is expected and a range of performance opportunities are offered. Students will have opportunities to attend live theatre performances along with attending workshops with leading NZ theatre practitioners.

Topics include: Using Drama Techniques to perform a scripted role for an audience, Explore the function of Theatre Aotearoa, Participate in creative strategies to create Drama, Respond to a Drama Performance.

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes
<b>Prerequisites:</b> A successful completion of the Year 10 Drama course and/or approval from the HOF Arts/Head of Drama <b>Where does this lead:</b> Level 2 Drama <b>Parental Contribution:</b> \$30 <b>Days out of School:</b> 5				



## Engineering - EEN1

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The aim of this course is to provide students with skills to perform engineering tasks. In particular, students will complete a project which has an emphasis on working to a high level of accuracy. There will be a variety of skills taught including; turning, milling, brazing, tapping and shaping.

Topics include: Demonstrate knowledge of safety procedures in a specific engineering workshop. Demonstrate basic engineering workshop skills under close supervision. Select, use and care for simple measuring devices used in engineering.

Internal	External	UE Reading	UE Writing	Endorsement
20				No
<b>Prerequisites:</b> Satisfactory completion of Year 10 Materials Technology or Materials Technology Wood or a clear interest in entering the Engineering trade with discretion of the HOF Technology. <b>Where does this lead:</b> Level 2 Engineering <b>Parental Contribution:</b> \$125 <b>Days out of School:</b> Nil				

## English - ENG1

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Level 1 English 2025 will continue to build upon the skills and understanding developed in Junior English. The course will be developed through exploring a [whaingā](#) and all teaching, learning, and assessments will come under this lens. Using this approach, students will explore aspects of written and visual texts as well as a range of writing, speaking, and analysis skills.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Satisfactory completion of Year 10 English, or at the HOF's discretion. <b>Where does this lead:</b> Level 2 English <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				



## English Enhancement - ENH1

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This course aims to develop students' confidence and skills in English, building upon understandings developed in Junior English by working at a measured pace, and with more individual support than ENG1. The course will be developed through exploring a whaingā and all teaching, learning, and assessments will come under this lens. Using this approach, students will explore aspects of written and visual texts as well as develop a range of writing, speaking, and analysis skills.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<p><b>Prerequisites:</b> Entry to this course will be at the recommendation of the HOF English based on the Year 10 English performance.</p> <p><b>Where does this lead:</b> Level 2 English Enhancement for selected students. Otherwise, no English at Level 2.</p> <p><b>Parental Contribution:</b> Nil</p> <p><b>Days out of School:</b> Nil</p>				

## English for Academic Purposes - EAP

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Students who have a first language other than English are eligible to apply for this course. The course is designed to support access to the senior curriculum, and to prepare students for entry to tertiary institutions. Students in this programme regularly gain success in the IELTS, and other international examinations. Differentiation of tasks and assessments is provided according to need. EL assessments are offered at Levels 2 and 3. Students often do this course alongside level 1 English.

Topics include - How the brain works and learning strategies. Learning academic vocabulary. Demonstrate understanding of spoken text. Read and understand texts. Academic writing.

Internal	External	UE Reading	UE Writing	Endorsement
25				No
<p><b>Prerequisites:</b> Available to students at CEFR B1/B2 level who have a first language other than English.</p> <p><b>Where does this lead:</b> Nil</p> <p><b>Parental Contribution:</b> Nil</p> <p><b>Days out of School:</b> Nil</p>				



## English for Speakers of Other Languages - ESOL

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Students who have a first language other than English are eligible to apply for this course. The course is designed to support access to the curriculum and help students develop English for interpersonal interaction. Assessments at Foundation Level 1 and Level 1 are offered.

Topics include - Complete basic forms on familiar topics. Read and understand simple texts on familiar topics. Demonstrate understanding of simple spoken information on familiar topics.

Internal	External	UE Reading	UE Writing	Endorsement
28				No
<b>Prerequisites:</b> Available to students at CEFR A1/A2 level who have a first language other than English <b>Where does this lead:</b> English for Academic Purposes <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				

## Food Technology – FTE1

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Level 1 Food Technology is an achievement standard course where students engage with the technological process to design and create a range of dishes. The emphasis is on creation, adaptation, and developing culinary knowledge and skills. Students will utilize skills developed in 10FTE to document their progress and develop outcomes. Applying literacy will be essential.

Topics include: Using the technological process to make food for an authentic context; documenting experimentation and materials testing on a range of ingredients; showing understanding of techniques and how they can be applied to different food products; Whanaungatanga - working together and sharing a connectedness in the process and the preparation of kai for others.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Satisfactory completion of the Year 10 Food Technology programme or with the approval of the Teacher in Charge. <b>Where does this lead:</b> Level 2 Catering and Hospitality <b>Parental Contribution:</b> \$165 <b>Days out of School:</b> 4				



## French - FRE1

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The aim of the course is to develop confidence in speaking and writing French and to learn more about French life and culture. Students will also be invited to take part in a Bastille Day celebration dinner, and a trip to the cinema.

Topics include: Demonstrate understanding of spoken French; Interact using spoken French and communicate personal information and opinions on different situations. Demonstrate understanding of French written and visual texts. Write a variety of texts for genuine purposes to communicate in French.

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes
<b>Prerequisites:</b> Successful completion of Year 10 French <b>Where does this lead:</b> Level 2 French <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				

## Geography - GEO1

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'Geography teaches students to see the world more clearly'. The course is designed to create an interest in the world and allow students to develop a sound understanding of current geographic issues. The assessment (Geographic Challenge) will be practised throughout the year with topics like commercial fishing, tropical reefs, and freshwater access to ensure students are well prepared for their final examination in term 4. Students will complete two internal assessments – one based on data gathered on Mount Maungatautari during a field trip and the other a spatial pattern assessment based on Tropical Reefs. In Geography, students should have fun, build essential skills, and hopefully achieve outstanding results.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Satisfactory achievement of Year 10 Social Studies and English. <b>Where does this lead:</b> Level 2 Geography <b>Parental Contribution:</b> Maungatautari optional field trip \$20 <b>Days out of School:</b> 1				



## Health - HTH1

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Studying this course aims to allow students to meet and manage change in a positive way and to understand/appreciate the impact that individuals and groups can have on relationships by influencing behaviour, beliefs, decisions and a sense of self-worth. This course explicitly explores the concept of Hauora – well-being, and the influences, strategies and models which effect and enhance an adolescent’s well-being.

Topics include: Demonstrate understanding of health models which influence an individual’s well-being. Demonstrate an understanding of influences on an adolescent’s well-being.

Explore strategies which enhance well-being. Demonstrate understanding of a decision-making process in a health-related situation.

Internal	External	UE Reading	UE Writing	Endorsement
5	10			Yes
<b>Prerequisites:</b> Successful completion of Year 10 English. <b>Note:</b> Students cannot take Health with Food Technology. <b>Where does this lead:</b> Level 2 Health <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 0				

## History - HIS1

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History aims to develop skills of inquiry, interpretation, problem solving, gathering, processing and presenting information. History at this level will further students’ understanding of major trends and developments, both in New Zealand Society and in the World. The topics studied at this level are Black Civil Rights in the USA, Origins of World War One, The 1981 Springbok Tour, and Looking at the two sides of the historical debate of the justification of the Bombings of Hiroshima and Nagasaki.

Topics include: Engage with a variety of primary sources in a historical context. Demonstrate understanding of the significance of a historical context. Demonstrate understanding of historical concepts in contexts of significance to Aotearoa New Zealand. Demonstrate understanding of perspectives on a historical context.

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes
<b>Prerequisites:</b> Satisfactory achievement of Year 10 Social Studies and English. <b>Where does this lead:</b> Level 2 History and Level 2 Classical Studies <b>Parental Contribution:</b> Approximately \$20 for Auckland Museum field trip. <b>Days out of School:</b> 1				



## Japanese - JAP1

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The aim of the course is to develop confidence in speaking, writing, listening to and reading Japanese in unsupported situations as well as to learn more about Japanese life and culture. Additionally, students will explore the importance of connections in their lives and explain those connections in Japanese. JAP1 aims to equip students with the necessary skills to be a foreign exchange student in Japan. Exchanges to Japan may be available.

Topics include: Demonstrate understanding of variety of spoken Japanese on areas of most immediate relevance. Give a spoken presentation that communicates a personal response in Japanese. Interact using spoken Japanese and communicate personal information and opinions on different situations. Demonstrate understanding of variety of Japanese texts on areas of most immediate relevance. Write a variety of texts on areas of most immediate relevance in Japanese.

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes

**Prerequisites:** Successful Achieved grade or higher in the Year 10 End of Year Listening and Reading Examinations (or at the discretion of the HOF)

**Where does this lead:** Level 2 Japanese

**Parental Contribution:** Nil

**Days out of School:** Nil

## Mandarin - MND 1

[\(go back to Contents\)](#)

The aim of the course is to develop confidence in speaking and writing Mandarin and to learn more about Chinese life and culture. Students may also be offered a trip to a local Chinese restaurant.

Topics include: Demonstrate understanding of spoken Mandarin; Interact using spoken Mandarin and communicate personal information and opinions on different situations; Demonstrate understanding of Mandarin using written and visual texts; Write a variety of texts for genuine purposes to communicate in Mandarin.

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes

**Prerequisites:** Successful completion of Year 10 Mandarin, or at the discretion of the HOF.

**Where does this lead:** Level 2 Mandarin

**Parental Contribution:** Nil

**Days out of School:** Nil





## Materials Technology Engineering - MTE1

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This is a Level 1 Technology Achievement Standard course that is project-based. Engineering (EEN1) is also available for those who find a skills-based course may be a better fit for them.

Topics include: Use planning tools to guide the technological development of an outcome to address a brief. Undertake development to make a prototype to address a brief. Demonstrate understanding of how materials enable Technology products to function. Generating and testing design ideas to produce a conceptual design for an outcome to address a brief. Implement basic procedures using resistant materials to make a specified product.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Successful completion of Year 10 Materials Technology or HOF discretion <b>Where does this lead:</b> Level 2 Engineering or Level 2 Materials Technology - Engineering <b>Parental Contribution:</b> \$150 plus extra materials (e.g. wheels, bearings, etc.) <b>Days out of School:</b> 1 Day (Test Day – Race)				

## Materials Technology Textiles - MTT1

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This is a Level 1 Technology Achievement Standard course where students have the chance to work through the technology design process in a project-based brief to make a hoodie and a product of their choosing.

Learning in this area includes the following: The use of the technology process. Using design ideas to produce a design for an outcome to address a brief. Undertaking development of these ideas to make a prototype to address a brief. Investigating the design elements and properties of materials.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Successful completion of Year 10 Materials Technology Textiles, or at the discretion of the HOF Technology. <b>Where does this lead:</b> Level 2 Materials Technology Textiles <b>Parental Contribution:</b> \$60 plus the cost of personal materials <b>Days out of School:</b> Nil				



## Materials Technology Wood - MTW1

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This is an Achievement Standards course which is project based. This course is also a pathway to tertiary study. Students engage with the technological process to design and create a project of their own. Students utilise skills developed in 10MTW, as well as learn new skills using power tools. Students document their progress and evaluate their final outcome before taking their project home.

Topics include: Use planning tools to guide the technological development of an outcome to address a brief. Undertake development to make a prototype to address a brief. Demonstrate understanding of how materials enable technological products to function. Implement basic procedures using resistant materials to make a specified product. Use design ideas to produce a conceptual design for an outcome to address a brief.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Successful completion of Year 10 Materials Technology or HOF of Technology discretion <b>Where does this lead:</b> Level 2 Carpentry, Level 2 Materials Technology Engineering <b>Parental Contribution:</b> \$160 plus the cost of personal materials <b>Days out of School:</b> Nil				

## Mathematics - MAT1

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This is a full course of Mathematics in which each student will continue to develop the skills, concepts, and understanding in Mathematics and Statistics. This course provides a foundational and broad basis for the study of Mathematics at Levels 2 and 3.

Topics include: The course covers all aspects of the curriculum – Algebra, Number, Geometry, Measurement and Chance and Data.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Successful completion of Year 10 Mathematics. Students will be selected by the HOF Mathematics for the appropriate level of Mathematics classes. <b>Where does this lead:</b> Level 2 Mathematics, Level 2 Mathematics Internal, Level 2 Mathematics Advanced <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				



## Mathematics Foundation - MAF1

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This is a course designed for students who find Mathematics and Numeracy challenging. Students will work on improving their Functional Mathematics. Students in this course will also need to work towards their Numeracy Co-requisite and will be given support for this.

Topics include: Numeracy and Functional Mathematics. Location and Navigation, Measurement and Chance and Data.

Internal	External	UE Reading	UE Writing	Endorsement
10				No
<b>Prerequisites:</b> Students will be selected at the recommendation of the HOF Mathematics based on the Year 10 Mathematics performance. <b>Where does this lead:</b> Level 1 Mathematics. Note: This course does not usually have a Level 2 pathway. <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				

## Media Studies – MED 1

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Students will explore a variety of media concepts and theories while viewing, writing, and creating their own media product. Students will analyse social media and explore social issues relevant to us today. They will consider the role the media has in their own lives and the lives of others, as well as how media creators represent, shape, and influence groups of people, communities, and human behaviours.

Students will gain life-long media literacy skills through the practice of media skills and analysis of media concepts.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Satisfactory completion of Year 10 English and/or Media Studies or at the discretion of the Teacher in Charge of Media Studies. <b>Where does this lead:</b> Level 2 Media Studies <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				



## Music - MUS1

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This Level 1 course is designed to meet the Level 6 curriculum objectives of the National Arts Curriculum. It allows students to achieve success with the Level 1 NCEA Music achievement standards, based on individual student needs and ability. The programme will continue to develop skills in: performance, composition, music technology, application of music concepts.

Topics include: Develop and use musical skills via the application of music theory and concepts. Development of individual and ensemble performance skills and perform as a featured soloist and/or a member of the group. Compose original music as both an individual and a member of a group. Demonstrate and apply introduction knowledge of music technology equipment and techniques.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<b>Prerequisites:</b> Successful completion of the Year 10 Music course. <b>Where does this lead:</b> Level 2 Music <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				

## Outdoor Education - OED1

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**Cannot take both OED1 + SPS1 in combination.**

A broad course encompassing a wide variety of practical activities, environmental studies and the ability to develop skills in both leadership and co-operation. Students will develop a level of proficiency in a variety of outdoor pursuits by means of unit standards, internal assessment and general topics. Students will develop leadership, fellowship skills and responsibility for themselves and others.

Topics may include: Demonstrate kayaking skills on sheltered or slow-moving water. Roll a kayak in sheltered or slow-moving water. Alpine ski or snowboard on beginner terrain. Demonstrate basic rock-climbing movement. Demonstrate personal and social development through participation in low ropes and high ropes course activities. Mountain biking skills. Orienteering. Introduction to Caving and Rock Climbing.

Internal	External	UE Reading	UE Writing	Endorsement
15+				No
<b>Prerequisites:</b> A HIGH level of personal fitness is required if considering entry to this course (Level 8 Beep Test requirement in 10HPE). Water confidence and competence is also a requirement when considering entry into OED1. A student that consistently displays the schools REACH values. TIC Outdoor Education or HOF Physical Education discretion. <b>Where does this lead:</b> Level 2 Outdoor Education <b>Parental Contribution:</b> \$250 <b>Days out of School:</b> 10				



## Physical Education - PED1

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This is a practical skills-based course with emphasis on getting students physically active. It includes a wide variety of physical activity opportunities which seek to develop communication, leadership and self-management. Students will experience the Healthy Relationships course "Loves Me Not" and other health concepts that are relevant to Year 11 students will also be addressed throughout the year such as decision making.

Topics include: Demonstrate an understanding of the influence of personal movement experiences on hauora and demonstrate understanding of a decision-making process in a health-related situation.

Internal	External	UE Reading	UE Writing	Endorsement
5	5			No
<b>Prerequisites:</b> Compulsory unless students select, and are approved for a sixth subject. <b>Where does this lead:</b> Level 2 Physical Education <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 1				

## Science - SCI1

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This course is designed for students who wish to improve their knowledge and understanding of many areas of Science and possibly have careers that involve Science. It is an introduction to basic science phenomena and prepares students for all senior sciences.

Topics include: Demonstrate understanding of the relationship between a Microorganism and the environment. Demonstrate Understanding of Chemical Reactions in Context. Demonstrate understanding of a physical phenomenon through investigation.

Internal	External	UE Reading	UE Writing	Endorsement
16				No
<b>Prerequisites:</b> Successful completion of Year 10 Science. <b>Where does this lead:</b> Level 2 Biology, Chemistry, Physics or Level 2 Science <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				



## Social Science - SOC1

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This course aims to cover a range of social science skills and is designed to expose students to issues and developments on a local, national and international level.

Students will learn key natural and cultural processes within geographic contexts. They will develop skills in analysing, identifying and explaining trends and pattern, map work, problem solving and geographic report writing.

Students will use historical contexts to develop skills of enquiry, interpretation, problem solving, gathering, processing and presenting information. History at this level will further students' understanding of major trends and developments, both in New Zealand society and in the world. Students will also have the chance to compare differing government structures.

Topics include: The course will be designed to best suit the learners needs and interests and will consist of 3 standards covering a wide range of topics. There is no external component to this course.

Internal	External	UE Reading	UE Writing	Endorsement
15				No
<p><b>Prerequisites:</b> Satisfactory completion of Year 10 Social Studies.  <b>Where does this lead:</b> This course is an alternative to Geography and History. More able students will be directed to either of those two subjects.  <b>Parental Contribution:</b> Nil  <b>Days out of School:</b> Nil</p>				

## Sport Science – SPS1

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**Cannot take both SPS1 + OED1 combination.**

This course is an introduction to Sport Science and its related topics. It includes a focus on knowledge to improve performance in sport such as: anatomy, biomechanics, exercise physiology and skill learning. Students will also develop interpersonal skills and recognise the importance of these, as well as understanding different perceptions of sport. There is a three-day trip to Ponui Island in Term One to consolidate the learning taking place around kotahitanga and interpersonal skills.

Topics include: Apply movement strategies in an applied setting, demonstrate understanding of how kotahitanga is promoted in movement through the application of strategies, and demonstrate understanding of influences of movement in Aotearoa.

Internal	External	UE Reading	UE Writing	Endorsement
10	5			Yes
<p><b>Prerequisites:</b> HOF of Physical Education discretion.  <b>Where does this lead:</b> Level 2 Sport Science  <b>Parental Contribution:</b> \$150  <b>Days out of School:</b> 3</p>				



## Te Ao Haka - TOH1

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The course provides opportunities to engage in te reo Māori (language), tikanga (traditional practice), hitiori (local history) and Te Ao Haka (Maaori Performing Arts). Ākonga in Te Ao Haka discover, identify, access and explore foundational knowledge and ideas in and about Te Ao Haka. Ākonga will continue to work to and honour the aspirations of Waikato whānau hapū and iwi. Ākonga will explore and study the relevance of local narratives of Te Oko Horoi and have opportunities to present these key themes in a range of creative modes, including performances. Ākonga will work on values of pono (making right decisions), tauutuutu (reciprocity) and whanaungatanga (positive life-long connections).

This is a strengths-based subject that provides a positive yet disciplined learning experience. This course also prepares Te Piringa Maaori O Tauwiwi for the Waikato Secondary Regionals.

Internal	External	UE Reading	UE Writing	Endorsement
12	8			Yes
<b>Prerequisites:</b> Successful completion of the Year 10 Te Ao Haka course or TIC approval. <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 2				

## Te Reo Maaori - MAO1

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Year 11 Te Reo Maaori is a highly interactive class. Te Reo Maaori will be used more often during teaching instruction, student conversations and interactions. Students will further their language ability in the key areas of Listening, Reading, Writing and Speaking. As well as this we will incorporate more vocabulary and sentence structures which will broaden our language skills and understanding.

Topics include: Paanui I te reo o toona ao. *Ka paanui te aakonga I te reo o toona ao. Reading Comprehension.* Tuhi I te reo o toona ao. *Ka tuhituhi te aakonga I te reo o toona ao. Writing Comprehension.* Waihanga tuhinga I te reo o toona ao. *Ka waihanga tuhinga te aakonga I te reo o toona ao. Creative Writing.* Koorero kia whakamahi ki te reo o toona ao. *Ka koorero te aakonga i te reo o toona ao. Give a prepared talk.*

Internal	External	UE Reading	UE Writing	Endorsement
10	10			Yes
<b>Prerequisites:</b> Successful completion of Year 10 Te Reo Maaori. <b>Where does this lead:</b> Level 2 Te Reo Maaori <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil				