



YEAR 10 SUBJECTS CHOICES

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YEAR 10 LEARNING AREAS (COMPULSORY)

ENGLISH - 10ENG

Year 10 English is designed to be a fun and engaging stepping-stone to Senior English courses. Each term students will make meaning and explore ideas centred around the class whāinga. These overarching topic goals will help students better explore a range of texts and leads students to connect them to the world around them. The whāinga also form a foundation for assessment and creative projects, and encourages students to work with visual, oral and written texts.

Where does this lead: NCEA Level 1 English.

Days out of School: Nil

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MATHEMATICS - 10MAT

Learning in Mathematics will see students develop their numeracy skills and the ability to reason logically. They will be presented with problems that enable them to apply mathematical ideas to everyday life. As well, students will develop their analytical skills in Statistics that can be used for many fields of studies. Students will have the opportunities to make connections between Geometry and Algebra as well as developing their ability to work in an abstract way.

Where does this lead: NCEA Level 1 Mathematics

Days out of School: Nil

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HEALTH AND PHYSICAL EDUCATION - 10HPE

Health and Physical Education allows students to develop knowledge, understanding, skills and attitudes to meet their health and physical activity needs, both now and in the future. Students learn to take responsibility for themselves, the well-being of those around them and contribute to their community.

Development of physical motor-skills occurs through a wide range of traditional contexts as well as unique contexts, including international games.

In Health, students learn about influences on well-being and develop self-management skills that enhance their overall welfare. Students are encouraged to develop interpersonal skills that enable them to interact sensitively and co-operatively with other people. Topics include: Attitude and Values, Social Media, Addiction, Healthy Relationships and Sexuality.

Where does this lead: Level 1 Physical Education, Sports Science, Outdoor Education and Health.

Days out of School: Nil

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SCIENCE - 10SCI

Through the overarching 'Nature of Science' strand, students will learn what Science is and how scientists work. They will develop the skills, attitudes and values to build their understanding of the world in which they live. Students will learn to carry out investigations, effectively communicate their findings and make links between scientific knowledge and everyday decisions and actions.

These outcomes are pursued through the learning contexts of: Living World, Material World, Physical World and Planet Earth and Beyond.

Where does this lead: NCEA Level 1 Science

Days out of School: Nil

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SOCIAL STUDIES - 10SOC

Social Studies is about people. This includes how they organise themselves, the importance of their culture and society, how they use their environment and its resources. Whilst students are investigating content based on these themes, they are learning literacy and numeracy skills which will prepare them for Level 1 subjects both within Social Sciences and other curriculum areas.

Year 10 Social Studies is broken into continental themes – Americas, Europe, Asia and Africa. Within these themes, students will learn about aspects of the different cultures and how they relate to or involve Aotearoa/New Zealand. Topics within the themes include: Colonisation, Te Tiriti o Waitangi, Gallipoli, Ancient Civilisations, the Tropics, and Natural Disasters. Students are also given the time to work through the 'Career Central' programme which assists students in making informed decisions about future subject choices, courses of study and career options.

Where does this lead: NCEA Level 1 Geography, History and Social Science

Days out of School: Nil

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YEAR 10 SPECIALIST LEARNING AREAS **(Choose three)**

AGRICULTURAL AND HORTICULTURAL SCIENCE - 10AGH

A course that combines the practical skills of farming with the theoretical knowledge of agricultural practices.

These outcomes are pursued through the learning contexts of: Horticulture, Sheep and Beef, Dairy and Farming Health and Safety.

Where does this lead: NCEA Level 1 Science

Days out of School: 3

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ART – VISUAL ART – 10ART

Visual Art is for students who enjoy making art and wish to improve their skills and knowledge. The course is a preparation for NCEA Level 1 Art and subsequent senior art courses at Cambridge High School. Students will develop drawing and media skills, and an understanding of how to develop improved final artworks. Making Art requires practice, a willingness to be challenged, and a sound work ethic. This course gives students the opportunity to work in a range of media over a number of projects.

Where does this lead: NCEA Level 1 Art Painting and Printmaking

Days out of School: 1

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ART DESIGN – 10DES

Looking at a future in digital art, visual design, architecture, photography, animation, entertainment industries? This is the place!

Art Design is for students who wish to develop their skills in both “hand” drawing and computer manipulation of imagery and understanding the process of being a visual designer. The course requires a commitment to strong work habits and organisation. Students will work on a number of projects to develop these skills for specific design outcomes.

Students will be taught specific methods relevant to the workplace of the visual design industry, and the course prepares students for Art Design in senior school courses leading to tertiary study.

Where does this lead: NCEA Level 1 Art - Design

Days out of School: 1

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DANCE – 10DCE

This course is an introduction to the world of Dance. It involves an exploration into the Elements of Dance and ways to choreograph with meaning. It will explore different dance styles from around the world and look at the history of certain styles. Students will then create dance music videos and choreograph mini dances to teach to primary age students.

Where does this lead: NCEA Level 1 Dance

Days out of School: Nil

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DRAMA – 10DRA

Drama extends and develops the learning from Year 9 and gives students the opportunity to further develop their understanding of dramatic techniques, conventions, elements and technologies. The Year 10 programme culminates with a public performance.

Students are encouraged to push themselves to make new discoveries not only of dramatic concepts but of their understanding of themselves, their peers and their world.

Drama fosters creativity, confidence, communication, compassion, collaboration and critical thinking. Dramatic practice requires enthusiasm and a high level of self-management. Students will be expected to work energetically and appropriately with their peers.

Where does this lead: NCEA Level 1 Drama

Days out of School: 2

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DESIGN AND VISUAL COMMUNICATION – 10DVC

This course follows on from the Year 9 DVC Technology rotation, although it is open to all students who have an interest in this subject. Design and Visual Communication involves using a design process to create and visually communicate ideas. The course consists of developing a range of sketching, instrumental, computer aided design, modelling and manufacturing (3D printing and laser cutting) and presentation skills.

Students will work through a number of class exercises and portfolio based activities which include spatial (the design of spaces, including architecture) and product design.

Parental contribution/fee (for take home component) \$15

Where does this lead: NCEA Level 1 Design and Visual Communication

Days out of School: Nil

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DIGITAL TECHNOLOGIES – 10DTS

Students dive into the dynamic world of technology, mastering Photoshop for image manipulation, HTML for web design, and programming with Python and C#. They also explore the fascinating realm of microcontrollers, learning to interface sensors with various output devices. Emphasizing digital citizenship, the course teaches responsible and ethical use of technology. This comprehensive curriculum builds a solid foundation, preparing students for senior digital tech studies and paving the way for exciting careers in the tech industry. Students will gain the confidence and knowledge needed to thrive in a rapidly evolving digital landscape.

The course centres on developing the Key Competencies in our students so that they can manage their own learning through the design process involved in each project.

Parental contribution/fee (for take home component) \$15

Where does this lead: NCEA Level 1 Digital Technologies

Days out of School: Nil

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ENTERPRISE STUDIES – 10ETS

Enterprise Studies provides students with an engaging exploration of entrepreneurship, where they delve into the role of entrepreneurs. This course offers an introductory understanding of key disciplines such as Economics, Business, Accounting, and Consumer Law to help with a holistic understanding of entrepreneurship and business operations.

Students apply their business skills in a hands-on manner by participating in the operation of a business, fostering creativity, innovation, and critical thinking.

The utilization of the Banqer program enhances financial literacy by immersing students in realistic financial scenarios, providing them with practical experience in managing finances and making informed decisions, gaining practical knowledge applicable to everyday scenarios.

Students have the opportunity to earn 5 NCEA credits acknowledging their achievements in practical business skills and knowledge acquisition.

Where does this lead: NCEA Level 1 Commerce or Consumer Citizenship

Days out of School: 2

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FOOD TECHNOLOGY – 10FTE

Students will study a variety of topics based in a food context, including Nutrition, Well Being and technology briefs. Students will develop skills and knowledge in Nutrition, Food Preparation and Presentation, Product Development, Menu Planning, Food Safety and choosing Nutritious Food within a budget.

Parental contribution/fee (for take home component) \$100

Where does this lead: NCEA Level 1 Food Technology or Catering and Hospitality

Days out of School: Nil

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FRENCH – 10FRE

Students will continue to further their language ability in the key areas of Listening, Reading, Writing and Speaking, using interesting, everyday contexts such as school life, spare time activities, friends and social life. As well they will learn about the culture and history of France and other French speaking countries. Students will need to have completed a Year 9 French course.

Year 10 students will enjoy a French restaurant trip during the food unit. A cinema trip will also be offered. Students will acquire knowledge, skills and attitudes that will equip them for living in a world of diverse people, languages and culture.

Where does this lead: NCEA Level 1 French

Days out of School: 1

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FUTURE FOCUSED TECHNOLOGY – 10FFT

A project based course, using some of the latest technologies. This course will include a variety of technology contexts - Electronics, Materials Engineering and Digital Technologies. Students will have some choice and flexibility to explore an area of technology they are interested in.

To introduce students to the technology process, the course will provide a framework for them to develop their own ideas in innovative, creative, problem solving situations. Students will work with Microprocessor Control technology and mechatronic components to produce real world outcomes. They will work as independent learners planning and managing their study. The course will also aim to further develop the students' Key Competencies.

Parental contribution/fee (for take home component) \$50

Where does this lead: This course prepares those students, who have a strong interest in Technology with the knowledge and experiences to achieve at a high standard in subsequent technology NCEA subjects.

Days out of School: Nil

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HEALTH SECTOR STUDIES – 10HTH

This course seeks to provide students with the opportunity to develop a wide understanding of Hauora (well-being) and how strategies can be applied on a personal, interpersonal and societal level to enhance and develop this. Each term will focus on one aspect of Hauora with the final few weeks spent exploring the potential health sector pathways related to this aspect. Students will be able to connect their learning to potential pathways for their future and have a wide understanding of the Health industry and potential career pathways on offer.

This course will cover a wide range of topics which may include:

- Physical - food and nutrition, growth and development, physical activity for life.
- Social – Leadership, personality traits, interpersonal skills whakawhanaungatanga.
- Spiritual – Goal setting, role modelling, cultural ideals.
- Mental – Coping with stress, managing emotions, disorders, decision making, psychology.

Where does this lead: NCEA Level 1 Health

Days out of School: 1

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JAPANESE – 10JAP

Students will further their language ability in the key areas of listening, reading, writing and speaking. They will continue to explore interesting and everyday contexts such as shopping and describing people and places.

Hiragana characters will be revised in this year. Additionally, Katakana will be taught, and new Kanji will be introduced.

Trips to a Japanese restaurant and a cinema trip will be offered. Students will need to have taken a Year 9 Japanese course.

Where does this lead: NCEA Level 1 Japanese

Days out of School: 1

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LITERACY – 10LIT

This course has been designed to help students with literacy skills. It aims to help improve vocabulary, reading, and writing skills. Students will be supported to become increasingly confident and independent in the use of literacy strategies. This course can supplement the learning that occurs in other subject areas and covers a wide range of engaging topics. There is a focus on comprehension and understanding of a variety of texts, but students get plenty of opportunity to create and display their learning.

Entry to the course will be by mutual agreement between the student, whanau, and the HOF of English. In most cases students will be selected.

Days out of School: Nil

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MANDARIN – 10MDN

Students will continue to further their language ability in the key areas of Listening, Reading, Writing and Speaking using interesting, everyday contexts such as school life, spare time activities, friends and social life. A trip to a Chinese restaurant and also a cinema trip will be offered. As well, they will learn about the culture and history of China and other Chinese speaking countries. Students will need to have taken a Year 9 Mandarin course.

Students will acquire knowledge, skills and attitudes that will equip them for living in a world of diverse people, languages and culture.

Days out of School: 1

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MATERIALS TECHNOLOGY ENGINEERING – 10MTE

This is a project-based course. Students will be taught the skills required to succeed in Level 1 Materials Technology Achievement Standards.

Students will experience the use of hand tools, machinery and processes in this full year course.

Parental contribution/fee (for take home component) \$95

Where does this lead: NCEA Level 1 Engineering or Materials Technology Engineering

Days out of School: Nil

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MATERIALS TECHNOLOGY TEXTILES – 10MTT

Materials Technology Textiles gives students the opportunity to learn new skills and apply them to a personalised project. Students learn machine and hand sewing techniques as well as building understanding of textile material properties. Students then use their skills to design and create an upcycling fashion project and a project of their own choice. Skills learnt in Textiles apply to any form of design, and informs their project choices. Skills learnt this year will lay the foundation for Level 1 Materials Technology Textiles Achievement Standards.

Parental contribution/fee (for take home component) \$60

Where does this lead: NCEA Level 1 Materials Technology Textiles

Days out of School: 1

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MATERIALS TECHNOLOGY WOOD – 10MTW

This is a project-based course with a wood bias. Students will be taught the skills required to succeed in either Level 1 Materials Technology Wood Achievement Standards or Level 1 Carpentry. Students will complete two projects, such as a solid wood traditional side table and a macrocarpa breakfast tray, both of which will be taken home.

Parental contribution/fee (for take home component) \$95

Where does this lead: NCEA Level 1 Materials Technology Wood, Level 1 Carpentry and Level 1 Materials Technology Engineering

Days out of School: Nil

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MECHATRONICS AND CONTROL TECHNOLOGY – 10MCT

Students will explore VEX Robotics, programming microcontrollers, and connecting sensors and other inputs and outputs. Through hands-on projects and real-world challenges, they will develop technical skills. The course also emphasizes teamwork and collaboration, with students working in groups to solve complex problems. This course leads on into digital technology.

The course centres on developing the Key Competencies in our students so that they can manage their own learning through the design process involved in each project.

Parental contribution/fee (for take home component) \$60

Where does this lead: NCEA Level 1 Digital Technologies Science as a major part of this course includes computer control of electronic components.

Days out of School: Nil

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MEDIA STUDIES – 10MED

Media Studies is a course designed for students who are interested in communications and media literacy. Media Studies is valuable for students who want to understand the messages that the media delivers to us. Students will explore the language of advertising, digital media usage, conventions of film and produce their own media product.

Where does this lead: NCEA Level 1 Media Studies

Days out of School: Nil

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MUSIC – 10MUS

Music is for students who enjoy music and wish to develop their knowledge and abilities. Students will learn Music Theory (equivalent to Grade 2 and 3). Students will explore a variety of musical cultures from around the world: Blues, Indian, Celtic and Toanga Puroa. Students are also assigned a band instrument and learn it through the year. Students will also perform music, as well as compose by themselves and in groups. This is a class for creative and enthusiastic students who have an interest in Music.

It is strongly suggested that students have successfully completed Year 9 Music before choosing this option. Successful completion is indicated by the Year 9 End of Rotation Tests for Practical Skills and Music Theory. All students who enrol in this course must be receiving instrumental tuition.

Where does this lead: NCEA Level 1 Music

Days out of School: Nil

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NUMERACY – 10NUM

Students in the Numeracy course will develop their skills in Number, Measurement and Statistics. The emphasis in this course will be to help students prepare for the Numeracy component in NCEA Level 1 as well as practice mathematics skills and processes that can be used across many curriculum areas.

This course will be a small class to allow for students to get individual attention. It will also cover the main components of the Year 10 Mathematics programme to help those students who may need extra support.

Entry to the course will be by mutual agreement between the student, whanau, and the HOF of Mathematics. In most cases students will be selected.

Where does this lead: NCEA Level 1 Mathematics

Days out of School: Nil

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SPORT SCIENCE – 10SPS

Through the combination of theory and practical activities, students will gain knowledge that will benefit them in the pursuit of a career in the sporting industry and/or upskilling their own personal performance in sport. Students will also encounter a number of opportunities to develop their interpersonal skills, self-management and critical thinking, all valuable skills in life outside of school.

This course will cover a wide range of topics including sports injury prevention, training methods, skill learning, coaching, anatomy and physiology, biomechanics and sociology.

Where does this lead: NCEA Level 1 Sport Science

Days out of School: 2

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TE AO HAKA – 10TOH

Performing Arts is a comprehensive course providing opportunities for ākonga to engage in te reo Māori (language), tikanga (traditional practice), hītori (local history) and Te Ao Haka (Māori Performing Arts). Te Ao Haka will be used as a medium to revitalise the aspiration of our Waikato whānau hapū and iwi. Ākonga will explore and study the relevance of our local narratives of Te Oko Horoi and present these key themes in a range of creative modes. Ākonga will work on values of pono (making right decisions), tauutuutu (reciprocity) and whanaungatanga (positive life-long connections). This is a strengths-based subject where evidence may be presented in a format conducive to the learner.

Where does this lead: NCEA Level 1 Te Ao Haka

Days out of School: Nil

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TE REO MAAORI – 10MAO

Year 10 Te Reo Maaori is a highly interactive class. Students will participate in daily conversations which cover a wide range of topics. Students will further their language ability in the key areas of Listening, Reading, Writing and Speaking. Students will need to have completed a Year 9 Maaori course.

Where does this lead: NCEA Level 1 Te Reo Maaori, Te Ohu Kaiaarahi o te Kapua Iti Leadership group.

Days out of School: 2

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