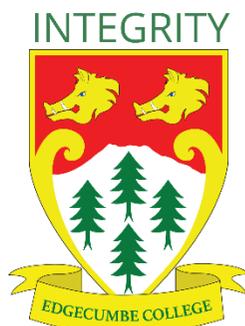


Edgecumbe College



Year 10 Course Booklet 2022

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Planning your future

Overview

The purpose of this booklet is to assist students to make informed choices for 2022 so that you achieve success in your chosen subjects and courses.

If you have any questions or concerns about your child's courses for 2022 you should contact your child's Kaiārahi.

Year 13 students study NCEA Level 3 and national certificates. Subjects are selected on the basis of career, polytechnic or university requirements.

Year 12 students study for NCEA Level 2, Vocational Pathway awards and, in some subjects, national certificates. They should be evaluating their career, polytechnic or university options.

Year 11 students study for NCEA Level 1 by gaining credits from their respective subject areas in achievement or unit standards.

Year 10 students extend their knowledge base in core subjects and refine their taster choices. They study for the Edgecumbe College Junior Certificate and begin to set sound foundations for the National Certificate of Educational Achievement (NCEA) for the following year.

Year 9 students develop their knowledge base in core subjects and are a variety of tasters that they may pursue in their academic pathway. They study for the Edgecumbe College Junior Certificate

Enrolment Interview

A parent/guardian/caregiver must be present at the interview when a course is being discussed and selected. They must consent to the choice of subjects by signing the selection forms. Any changes must be negotiated through the Kaitiaki and teachers concerned.

Placement in Classes

A student will be placed in a class suited to his/ her needs based on evidence collected from the previous school, teacher feedback and the enrolment interview.

Course Overview at Edgecumbe College

Area	Year 9	Year 10	Level 1	Level 2	Level 3
The Arts	Visual Arts	Visual Arts	Visual Arts	Visual Arts (Painting, Photography)	Visual Arts (Painting, Design, Photography Print, Sculpture)
	Māori Performing Arts Music	Māori Performing Arts Drama Music	Māori Performing Arts Drama Music Studies	Māori Performing Arts Music Studies	Māori Performing Arts Music Studies
English	English	English	English	English Literacy and Com.	English Literacy and Com.
Languages	Mandarin	Mandarin	Other Languages	Other languages	Other languages
	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori
Health and Physical Education	Health & Physical Education	Health & Physical Education	Physical Education	Physical Education	Physical Education
		Outdoor Education			
Mathematics	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics
			Applied Maths	Applied Maths	
Science	Science	Science	Science Applied Science	Biology Chemistry Physics	Biology Chemistry Physics
	Horticulture	Agriculture & Horticulture Science	Agriculture & Horticulture Science	Agriculture & Horticulture Science	
Social Science	Social Studies	Social Studies	Geography History	Geography History Tourism	Geography History Tourism
Technology	Food Technology	Food Technology	Hospitality	Hospitality	Hospitality
	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication
	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
	Technology Wood	Technology Wood	Building and Construction	Building and Construction	Building and Construction
Business Studies	Digital Technologies	Digital Technologies	Office Administration	Office Administration	Office Administration
			Information and Communication Technology	Information and Communication Technology	Information and Communication Technology
Vocational			Gateway Star Courses Trades Academy	Gateway Star Courses Trades Academy	Gateway Star Courses Trades Academy

Key Competencies in Edgcumbe College

The key competencies are the capabilities people have, and need to develop, to live and learn today and in the future. *The New Zealand Curriculum* identifies five key competencies:

Thinking

Using language, symbols, and text

Managing self

Relating to others

Participating and contributing

All students will have the opportunity through every subject to develop and extend their key competencies. Key competencies are not just for young people – students, teachers, leaders, parents, community members are all both teachers and learners.

Values

The values are deeply held beliefs about what is important or desirable expressed through how people think and act.

Students will be encouraged to value:

- excellence
- innovation, inquiry, and curiosity
- diversity
- equity
- community and participation
- ecological sustainability
- integrity

The values will be encouraged, modelled, and explored in Edgcumbe College in and beyond the classroom.

Thinking about your courses

When you are making your subject choice, consider the following:

Interests: What do you enjoy doing? You are more likely to gain success in your subjects if you are interested in them.

Abilities: Think about how good you are at a subject, and how easily you understand it.

Personal Qualities: Who you are, and what you are prepared to do will influence your subject choice and success in your studies.

Attitude to Learning: A positive attitude, a willingness to learn and hard work will produce success.

Parent/ Teacher Guidance: Discuss your abilities, interests and possible course options.

Year 10 subjects at Edgecumbe College

All students complete classes in the core subjects. Students complete **five** options from listed below. Full year courses (such as Technology Wood A and B) count as two options.

Students must choose FIVE options. One option must be chosen from Section A. The other 4 options can come from either section A or B.

<p>Key <i>Full year (four terms) #</i> (see notes below)</p> <p><u>The Core Subjects</u> - all students must do these Digital Technology English Mathematics Health & Phy.Edu Science Social Studies</p>	<p>Section A – The Technology areas Choose at least one option from Section A</p>	
	<p>Nutrition and International Cuisine Nutrition and Healthy Eating <i>Technology Metal A#</i> <i>Technology Metal B#</i> <i>Technology Wood A#</i> <i>Technology Wood B#</i></p>	<p>Design and Visual Com Digital Technology Media Digital Tech. Computer Science Virtual Learning Classroom</p>
	<p>Section B – Other areas</p>	
	<p><u>The Arts and Culture</u> Developing Drawing Drawing to Print Drawing to Paint <i>Music A#</i> <i>Music B#</i> <i>Maori Performing Arts A#</i> <i>Maori Performing Arts B#</i> Drama</p>	<p><u>The Languages</u> <i>Te Reo Maori A#</i> <i>Te Reo Maori extension B#</i></p> <p><u>Other curriculum areas</u> Agriculture and Horticultural Outdoor Education</p>

Options **NOT** marked with a “#” are **half year courses only** and count as one choice. They allow entry into the Level 1 NCEA course.

Option marked in *italics* with a # (hash) are **whole year courses (two options)**. Both the A and B option must be taken if you wish to study it for Level 1 NCEA. You can choose the **A option if you only wish to do it as a half year course**.

Note; No B course can be completed unless the corresponding A course was completed in the first half of the year.

CORE SUBJECTS (COMPULSORY)

English (10ENG)

English is structured around three interconnected strands, each encompassing the oral, written, and visual forms of the language. The strands differentiate between:

- making meaning of ideas or information they receive (listening, reading, and viewing)
- creating meaning for themselves or others (speaking, writing, and presenting).

English is an exciting and dynamic subject offering up a world of imagination and critical thinking. Students are challenged to be dynamic thinkers and to see the possibilities of change in their own world.

Students will create portfolios of their own work:

Close reading and literary response, Writing (creative and formal), Visual and Oral Presentations and Language Toolboxes.

A required course for: NCEA Level 1 English

Assessment: Class standard based assessments and asTTLe.

CODE	TOPIC/ASSESSMENT
10ENG	Writing portfolio (2 pieces selected for assessment one formal and one creative)
	Close reading and response portfolio (2 pieces selected for assessment one prose and one poetic)
	Visual and Oral Presentation Portfolio (2 pieces selected for assessment one oral and one visual)
	Language Toolbox Portfolio (This will be assessed via the Junior Examination)

Reviewed Aug 2021

For further information contact: Mrs Irwin

Mathematics (10MAT)

Mathematics is the exploration and use of patterns and relationships in quantities, space, and time. Statistics is the exploration and use of patterns and relationships in data. These two disciplines are related but employ different ways of thinking and solving problems. Both equip students with effective means for investigating, interpreting, explaining, and making sense of the world in which they live. Students are assessed at Levels 3, 4 and 5 of the NZ Mathematics Curriculum.

Areas of focus: Number Measurement Algebra
 Geometry and Trigonometry Statistics

Extension: At the class teacher's discretion, Year 10 Mathematics students may be given the opportunity to participate in the Australasian Mathematics Competition, the BOPMA Maths Mind Competition, the Development Band Course (NZAMT) or the Otago University Junior Olympiad Course.

A required course for: NCEA Level 1 Mathematics Extension (1MAX) or
 NCEA Level 1 Mathematics (1MAT) or
 NCEA Level 1 Applied Mathematics (1MAP)

Assessment: Class assessment and asTTLe testing

CODE	TOPIC/ASSESSMENT	TERM
10MAT Number	Operations Graphs coordinates and straight lines Standard form and scientific notations Percentages and ratios Graphs quadratics Algebra	1
10MAT Geometry and Measurement Statistics Assignments	Scales and area Compound area Compound volume	2
	Statistical methods Statistical cycle	3
	Constructions and transformations Angles and bearing Probabilities	4
	End of year examination	4

Reviewed Aug 2021

For further information contact: Mr Luca

Science (10SCI)

Science is about discovering how the universe works and what it is made of. Science relies on testing ideas with evidence and scientific explanations. Our understanding of Science changes with new information over time. Knowledge gained from scientific research is used in many practical applications or technologies that benefit humankind.

Science can lead to a huge variety of amazing and challenging occupations and professions as there is such a wide range of Science areas, including Biology, Health & Medicine, Ecology, Environmental Science & Technologies, Biotechnology, Microbiology, Chemistry, Physics, Geology, Astronomy, to name a few.

Areas of focus:

Chemical Reactions	Acids and bases	Atomic structure
Human anatomy	Human physiology	Genetics and Inheritance
Geology	Energy	Motion
Forces	Electricity	
Ability to collaborate	Scientific skills	

Extension: At the class teacher's discretion, Year 10 students may be given the opportunity to participate in external Competitions and NCEA Level 1 Science Achievement Standards.

Assessment: Continuous assessment throughout the year and an end of year examination.

A pre-requisite course for: NCEA Level 1 Science (1SCI) or
NCEA Level 1 Alternative Science (1SCA)

CODE	TOPIC/ASSESSMENT	TERM
10SCI	Chemistry - Acids and Bases	1
	Genetics and Inheritance	2
	Forces and Motion	2
	Electricity	3
	Medical Science - human organ systems	3
	Earth Science	3
	End of year examination	4

Reviewed Aug 2021

For further information contact: Mrs. Hoeberigs

Social Studies (10SOS)

The social sciences learning area is about how societies work and how people can participate as critical, active, informed, and responsible citizens. Contexts are drawn from the past, present, and future and from places within and beyond New Zealand.

Areas of focus: Social Studies: Building Sustainable Communities
Geography: Mapping and Graphing
Economics: Tax and Citizenship
History: Human Rights

Extension: NCEA Level 1 Assessment Standards may be offered to some students as part of the Year 10 course.

A required course for: NCEA Level 1 Geography (1GEO) or
NCEA Level 1 History (1HIS)

Assessment: Class assessment

CODE	TOPIC/ASSESSMENT	TERM
SOS 101	<i>Social Studies: Sustainability</i> Research and Presentation	1
	<i>Geography: Culture and Identity</i> Skills Assessment	2
	<i>Economics:</i> Tax and Citizenship Project Challenge	4
	<i>History: Human Rights</i> History Road - Paragraph/Short Essay	4
	End of year examination	

Reviewed Aug 2021

For further information contact: Mr McClure

Health and Physical Education (10HPE)

In Health and Physical Education, the focus is on the well-being of the students themselves, of other people, and of society through learning in health-related and movement contexts. Four underlying and interdependent concepts are at the heart of this learning area:

Hauora, attitudes and values, socio-ecological perspective and health promotion.

Learning opportunities in Physical Education aim to:

- develop the knowledge, understandings, skills, and attitudes needed to maintain and enhance personal health and physical development;
- develop motor skills through movement, acquire knowledge and understandings about movement, and develop positive attitudes towards physical activity;
- develop understandings, skills, and attitudes that enhance interactions and relationships with other people;
- encourage students to participate in creating healthy communities and environments by taking responsible and critical action.

The key areas of learning are:

- Physical Activity, Sport Studies, Body Care and Physical Safety, Outdoor/Environmental Activities, Mental Health, Sexuality Education, Food and Nutrition.

Extension: Students are encouraged to join in at least one of the many sports teams that operate at the school and to participate in the traditional inter-house Sports programme.

A required course for: Year 10 Physical Education

Assessment: Class assessment

CODE	TOPIC/ASSESSMENT	TERM
9HPE	Swimming. Aerobic Fitness Test-age group national standards.	1
	Winter Sports Education; social responsibility. Skills Development and Performance; 2 contexts. Aerobic Fitness Test 2&3	2, 3
	Summer Sports Education: strategy and gamesmanship.	4
	Participation in at least 3 events in school inter-house athletics and swimming. Participation in school inter-house cross country. Participation in school sports team.	1,2,3,4

Reviewed Aug 2021

For further information contact: Ms Barnes.

Digital Technology (10DTC)

Digital Technologies is about moving students beyond being merely users and consumers of digital technologies. It enables students to build the skills, knowledge and capability so they can be **creators** of digital solutions for specific purposes. In essence, digital technologies is about teaching students the theory of how digital technologies and systems work, and how they can use that knowledge to create innovative solutions to solve problems in a digital world.

Digital Technology is **NOT** about learning **WITH** technology (e.g. E-learning), it is learning **ABOUT** technologies.

Areas of focus:

The digital technologies programme of learning in **Computational Thinking (CT)** and **Designing and Developing Digital Outcomes (DDDO)** is based on the Digital NZ Curriculum and the Progress Outcomes for CT and DDDO.

A recommended course for: NCEA Level 1 Digital Technologies (1DTC) or NCEA Level 1 Information and Communications Technology (1ICT)

CODE	TOPIC/ASSESSMENT
10DTI	Logical thinking and learning about algorithms. Learn the bare bones of coding.
	Principles of good design CRAP- Contrast, Repetition, Alignment, Proximity. Web Development using HTML, CSS
	Design an Information Technology solution for a set brief
	Record, reflect and evaluate their own and other's design ideas and decision-making

Reviewed Aug 2021

For further information contact: Mrs McKernan

THE OPTIONAL SUBJECTS

THE ARTS

The arts are powerful forms of expression that recognise, value, and contribute to the unique bicultural and multicultural character of Aotearoa New Zealand, enriching the lives of all New Zealanders. Through movement, sound, and images, the arts transform people's creative ideas into expressive works that communicate layered meanings.

Māori Performing Arts A (10MPAA) and Māori Performing Arts B (10MPAB) - Half year (A only) or Full year course (A and B).

The students have the opportunity to learn Māori Performing Arts/Music that incorporate sound, movement and performance. These will include two laments, two action songs (using the patu and the pouwhenua) and the composition of two songs. Ka taea e nga taurira te mahi Toi, te mahi puoro, te mahi a Rehia, te mahi ataata.

Areas of focus: Moteatea (Lament) Waiata- a- Ringa
Mau Rakau Tito Waiata

Assessment: Class assessment and performance

A pre requisit for: The Māori Performing Arts A (10 MPAA) half year course must be completed if you wish to take the Māori Performing Arts B (10 MPAB) option.

A recommended course for: NCEA Level 1 Māori Performing Arts (1MPA)

CODE	TOPIC/ASSESSMENT
10MPAA	Student is able to perform and sing a Maori waiata in a group situation.
	Kia orite nga nekehanga e pa ana ki te ture o te haka. Manipulate the hand movements to coincide with the haka
10MPAB	Kua waia ngā tauria ki te waiata me ngā Mahi-a-Ringa. Students are familiar with song and relevant actions
	Kua tū motuhake te taurira ki tū o tō rātau iwi. Students can perform with confidence
	Kuia waia ngā tauria ki te haka. Students are familiar with aspects of haka

Reviewed Aug 2021

For further information contact: Mr Hakiaha

Visual Art: Drawing to Paint (10ARP) – *Half year course*

The focus of this course is to develop skills and knowledge of paint and colour theory. We will look at artist work to develop your knowledge by unpicking their use of colour and composition. The above will then be used to create your own original Art works through the process of development.

Confidence, time management and understanding the value and importance of completing work are all aspirational goals of this course.

Course requirements are a positive, open minded attitude and a commitment to fail in an endeavour to succeed.

Areas of focus: Scale, colour, mood, expression, artist as models (being influenced by their ideas), techniques, composition and the roll of art past and present.

A pre-requisite for: NCEA Level 1 Visual Arts (1ART)

CODE	TOPIC/ASSESSMENT
10ARP	Painting skills
	Completing Art works

Reviewed Aug 2021

For further information contact: Mr Folker

Visual Art: Print including Pinhole Camera (10PHC) – *Half year course*

In this course we will look at different types of printing techniques. Printing is a transfer process, not unlike photocopying but a much older and more hands-on process. If you like art, drawing, scratching and cutting this course may be of interest to you. Printing can also be taken as a Visual Arts Level 3 university entrance course as an alternative to painting. As with painting developing drawing skills, where necessary, will be covered.

Course requirements are a positive, open minded attitude and a commitment to fail in an endeavour to succeed.

Areas of focus: Looking at different types of printing techniques and processes.

Assessment: Class assessment

A recommended course for: NCEA Level 1 Art (1ART)

CODE	TOPIC/ASSESSMENT
10PHC	Producing printing plates
	Making a camera and taking pictures

Reviewed Aug 2021

For further information contact: Mr Folker

Visual Art: Developing Drawing (10ARD) – *Half year course*

Drawing is a means of recording visual information, developing ideas for Art works as well as being a means of producing Art works. The two-term course will focus on developing your skills using a range of media both wet and dry to accomplish all the above.

Confidence, time management and understanding the value and importance of completing work are all aspirational goals of this course.

Course requirements are a positive, open minded attitude and a commitment to fail in an endeavour to succeed.

Areas of focus: The role of the Artist mode, techniques in drawing and how to create mood through mark making.

A pre-requisite for: NCEA Level 1 Visual Arts (1ART)

CODE	TOPIC/ASSESSMENT
10ARD	Drawing techniques
	Completing Art works

Reviewed Aug 2021

For further information contact: Mr Folker

Drama (10DRA) - *Half year course*

A course covering the four key competencies of Drama: developing practical knowledge in Drama, developing ideas in Drama, communicating and interpreting in Drama, and understanding Drama in context, in preparation for Level 1 Achievement Standards. Student work targets student achievement at Levels 3-6 as outlined in the New Zealand Curriculum Framework.

Areas of focus: (NB. not all areas will be covered in a half year course).

Reflection and Evaluation

Group Work

Improvisation

Role-play

Monologue

Research

Short Script/writing

A recommended course for: NCEA Level 1 Drama (1DRA)

CODE	TOPIC/ASSESSMENT
10DRA	Deliver a performance
	Contribute to a team
	Reflection
	Active Engagement

Reviewed Aug 2021

For further information contact: Ms Ngaheu

Music A (10MUSA) and Music B (10MUSB) - Half year (A only) or Full year course (A and B)

Music A (10MUSA)

Students will develop skills in performance and composition, they will also build aural and theory skills. They will analyse music using elements and features and investigate the social and historical context of music. There is a strong link with the itinerant music lessons, students will focus on one performance instrument (voice is an instrument) and do regular focused practice at home.

Areas of focus: Performance, Composition, Aural and Theory,
Analysis of music works

Assessment: Class assessments and performance

CODE	TOPIC/ASSESSMENT
10MUSA	Elements of Music
	Aural and Score Reading
	Group Performance

Music B (10MUSB)

Students will build the knowledge and skills required to achieve in NCEA level 1 music. Again, there is a strong performance focus with the emphasis on attending instrumental lessons and practicing at home. Composition is explored in more depth and MIDI and recording technology becomes an essential tool. We also look to build continuity in aural, theory and knowledge (analysis) of music works in preparation for the corresponding achievement standards at NCEA Level 1.

Assessment: Class assessments and performance

A required course for: NCEA Level 1 Music (1MUS)

CODE	TOPIC/ASSESSMENT
10MUSB	Composition
	Aural and Score Reading
	Solo and group performance

Reviewed Aug 2021

For further information contact: Ms Wilson

THE TECHNOLOGY AREAS

Technology is intervention by design: the use of practical and intellectual resources to develop products and systems that expand human possibilities by addressing needs and realising opportunities. Adaptation and innovation are at the heart of technological practice. Quality outcomes result from thinking and practices that are informed, critical, and creative.

Design and Visual Communication (10DVC) – Half year course

This course prepares students for NCEA Level 1 Design and Visual Communication. The course ranges from design work to instrumental drawing and develops the student competence in graphic communication.

Areas of focus: Design process/ sketching
Instrumental drawing – pictorial
Instrumental drawing – working and drawing

Assessment: Class assessment and end of year examination

Prerequisite: Completion of Year 9 Design and Visual Communication (9DVC) or HOD approval

A required course for: NCEA Level 1 Design and Visual Communication (1DVC)

CODE	TOPIC/ASSESSMENT
10DVC	Orthographic projection & drawing conventions (2 dimensional)
	Isometric, Oblique, Plano metric & drawing conventions (3 dimensional)
	Sketching and Design process

Reviewed Aug 2021

For further information contact: Mr van Veen

Technology Mechanical Engineering A (10TMEA) and Technology Mechanical Engineering B (10TMEB) – Half year (A only) or Full year course (A and B)

This course develops the student's basic skills in preparation for NCEA Level 1 Technology Mechanical Engineering. Students are encouraged to have a real passion about metal technology and engineering.

Areas of focus:

Technological knowledge and understanding. Technological capabilities.

Pre-requisites: Must have passed the course at Year 9 or by HOD permission.

A required course for: NCEA Level 1 Technology Mechanical Engineering (1TME)

CODE	TOPIC/ASSESSMENT
10TCMA	Satisfactory completion of all Tasks
10TCMB	Satisfactory completion of all Tasks

Reviewed Aug 2021

For further information contact: Mr van Veen

Technology Wood A (10TCWA) and Technology Wood B (10TCWB) – Half year (A only) or Full year course (A and B)

This course develops the student's basic skills in preparation for NCEA Level 1 Technology Building and Construction. Students are encouraged to have a real passion about wood technology.

Areas of focus:

Technological knowledge: modelling, products and systems.

Technological practice: planning, brief development and evaluation

Nature of technology: characteristics of technology and technological outcomes

Pre-requisites: Must have passed the course at Year 9 or by HOD permission

A required course for: NCEA Level 1 Technology Building and Construction (1TBC)

CODE	TOPIC/ASSESSMENT
10TCWA	Satisfactory completion of all Tasks
10TCWB	Satisfactory completion of all Tasks

Reviewed Aug 2021

For further information contact: Mr van Veen

Nutrition and International Cuisine (10TCNA) – Half year course

Description: An exciting and diverse course covering the technology strands, in preparation for Level 1 Service IQ unit standards. Student work targets student achievement at levels 4 - 5 as outlined in the New Zealand Curriculum Framework. This includes a focus to improve culinary skills and present food of a good standard in preparation for NCEA Level 1 Hospitality (1HOS).

Areas of focus: International Cookery and Basic nutrition

Pre-requisites: Must have passed the course at Year 9 or by HOD permission.

A required course for: NCEA level 1 Hospitality (1HOS)

CODE	TOPIC/ASSESSMENT
10TNA	International Cuisine and costing
	Practical assessment tasks

Reviewed Aug 2021

For further information contact: Mrs Esterhuizen

Nutrition and Healthy Eating (10TCNB) – Half year course

Description: An exciting and diverse course covering the technology strands, in preparation for Level 1 Service IQ unit standards. Student work targets student achievement at levels 4 - 5 as outlined in the New Zealand Curriculum Framework. This includes a focus to improve culinary skills and present food of a good standard in preparation for NCEA Level 1 Hospitality (1HOS).

Focus: Today's kitchen – Nutritional food
Edgecumbe College's hottest home boiler and baker

CODE	TOPIC/ASSESSMENT
10TNB	Nutrients and Food Pyramid
	Practical assessment task

Reviewed Aug 2021

For further information contact: Mrs Esterhuizen

DIGITAL TECHNOLOGIES

Each of these courses are one semester in length. They are extension courses to the compulsory Digital Technology Information core class. They can be taken independently or on conjunction with one of the other Digital Technology optional courses offered.

These courses are about moving students beyond being merely users and consumers of digital technologies. It enables students to build the skills, knowledge and capability so they can be **creators** of digital solutions for specific purposes. In essence, digital technologies is about teaching students the theory of how digital technologies and systems work, and how they can use that knowledge to create innovative solutions to solve problems in a digital world.

Digital Technology Computer Science (10DTS) – *Half year course*

Area of focus:

The course will include components from Programming & software (Computer Science). Students will write computer programs using Scratch and Python using algorithms

A recommended course for: NCEA Level 1 Digital Technologies (1DTC) or NCEA Level 1 Information and Communications Technology (1ICT)

CODE	TOPIC/ASSESSMENT
10DTS	Decompose problems to create simple algorithms using the three building blocks of programming: sequence, selection and iteration (PO4) e.g. SCRATCH
	Introduction to HTML and Coding
	Web design

Reviewed Aug 2021

For further information contact: Mrs. McKernan

Digital Technology Media (10DTM) – *Half year course*

Area of focus:

The course will include components from Digital media, Digital environments & systems (Digital infrastructure) Students will explore digital photoshop manipulation and web development.

A recommended course for: NCEA Level 1 Digital Technology (1DTC) or NCEA Level 1 Information and Communications Technology (1ICT)

CODE	TOPIC/ASSESSMENT
10DTM	Understand the relationship between operating systems and digital devices and the influence and impact they have on humans and society
	Understand the purpose of a range of software applications, digital media e.g. InDesign
	Gather, analyse and present data in a meaningful way e.g. Excel, database, etc.

Reviewed Aug 2021

For further information contact: Mrs. McKernan

Virtual Learning Classroom (10VLC) – *Half year course*

This course offers students a new technology on a Virtual and Augmented Reality learning in the classroom. Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems. On Scratch, Minecraft, or a similar program, use coding to create e.g. a simple maze game set on Mars for Curiosity to navigate. Imagine what it would be like to go there?

Areas of focus: VLC presents an opportunity to undertake a project of their own choosing in the field of Virtual and Augmented Reality programme to explore the world around us, turning headsets to explore the Universe.

A recommended course for: NCEA Level 1 Digital Technologies or NCEA Level 1 Information and Communications Technology (ICT)

CODE	TOPIC/ASSESSMENT
10VLC	Skill Development
	Project Development & Design
	Coding using Minecraft for Virtual Reality Project
	Evaluation

Reviewed Aug 2021

For further information contact: Mrs. McKernan

THE LANGUAGES

Learning a new language provides a means of communicating with people from another culture and exploring one's own personal world.

Languages are inseparably linked to the social and cultural contexts in which they are used. Languages and cultures play a key role in developing our personal, group, national, and human identities. Every language has its own ways of expressing meanings; each has intrinsic value and special significance for its users.

Te Reo Māori (10MAOA) - *Half year (A only) or Full year course (A and B)*

A basic introductory course to Te Reo me ona Tikanga. This course is based around simple language structures and tikanga.

Areas of focus: Tōku whanau Whakarongo Korero
Tuhituhi Panui Cultural conventions

A required course for: Year 10 Māori Extension (10MAOB) and NCEA level 1 Te Reo Māori (1MAO)

CODE	TOPIC/ASSESSMENT
10MAOA	Kauhau - Tangata Rongonui / Speech - Famous Person

Reviewed Aug 2021

For further information contact: Mr Hakiaha

Te Reo Māori Extension (10MAOB)

Building on the introductory course for Year 9 students, this course is based on extending the simple language structures and developing competency in conversational Māori.

Areas of focus: Te Marae me ona Kawa Tuhituhi Toku Whanau
Whakarongo Korero Panui

A required course for: NCEA level 1 Te Reo Maori

CODE	TOPIC/ASSESSMENT
10MAOB	Panuitia tētahi kōrero me whakautu ngā pātai. Read a story and answer questions about it.
	Ranaghau he kōrero e pa ana ki tētahi Tangāta Rongonui. Research a famous person and present it in te reo māori.

Reviewed Aug 2021

For further information contact: Mr Hakiaha

OTHER CURRICULUM AREAS

Agricultural and Horticultural Science (10AHS) – *Half year course*

This course is designed to prepare students to go on and achieve credits in the Level 1 Agricultural and Horticultural Science course. An emphasis will be placed on developing practical skills, and an understanging of animal husbandry. To develop husbandry skills each student will be involved in raising a chick from a few days old until they are 3 months old.

Pre-requisites: The course builds on the Year 9 course but is open to any student who has completed a satisfactory Year 9 course in Science or Horticulture.

Areas of focus: The Plant World Plant Propagation Animal Husbandry
Digestive Systems

A recommended course for: NCEA Level 1 Agricultural and Horticultural Science (1AHS)

CODE	TOPIC/ASSESSMENT
10AHS	History of Agriculture & Horticulture, plant propagation. animal husbandry and animal digestive systems.
	Animal husbandry involved in raising chickens.

Reviewed Aug 2021

For further information contact: Mrs Jackson

Outdoor Education A (10OEA) and Outdoor Education B (10OEB) – *Half year courses*

Exploring the Bay of Plenty environment students develop skills and responsible attitudes about safety of self and others while experiencing a range of outdoor activities and pursuits such as kayaking, surfing, waka ama, rock climbing, hiking, camping, environmental project.

Pre- requisites: Active participation in Year 9 and 10 Physical Education or by HOD Permission. Students can do either course A or B but not both.

Areas of focus: Safety management, interpersonal skills, people and the environment

CODE	TOPIC/ASSESSMENT
10OEA/B	Understanding Risk Management
	Participate Safely

Reviewed Aug 2021

For further information contact: Ms Barnes