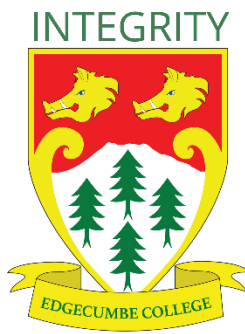


Edgecumbe College



Year 9 Course Booklet 2023

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Planning your future

Overview

The purpose of this booklet is to assist you to make informed choices for 2023 so that you achieve success in your chosen subjects and courses.

If you have any questions or concerns about your child's courses for 2023 you should contact your child's kaiārahi.

Year 9	You develop your knowledge base in the five core subjects. There are a variety of taster subjects that you will try for a term.
Year 10	You begin to set sound foundations for NCEA (National Certificate of Educational Achievement) qualification the following year. You will extend your knowledge base in the five core subject areas and select your preferred option choices, studying these at a greater depth.
Year 11:	You will study for NCEA Level 1 by gaining credits from Achievement and/or Unit Standards. It is compulsory that you study courses in English and Mathematics this year. A course in a Science is strongly recommended. All other subjects are optional.
Year 12	You will study for NCEA Level 1 and/or 2, and Level 2 Vocation Pathway Awards. You should know which of your subjects continue into Level 3 courses. You must study a course in English. Mathematics is compulsory if you do not have Numeracy. All other subjects are optional.
Year 13	You will study for NCEA Level 1, 2 and/or 3, and Level 2 Vocational Pathway Awards. You need to consider career, polytechnic or university requirements when you choose your subjects. There are no compulsory subjects.

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 during the year 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

Learning Areas	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	Māori Performing Arts	Māori Performing Arts	Māori Performing Arts	Māori Performing Arts
	Music	Music	Music	Music	Music
English	English	English	English	English	English
				Literacy and Com.	Literacy and Com.
Languages	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori
			Other Languages*	Other languages*	Other languages*
Health and Physical Education	Physical Education & Health	Physical Education & Health	Physical Education	Physical Education	Physical Education
Mathematics and Statistics	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics
Science	Science	Science	Science Applied Science	Combined Science Environment and Sustainability 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	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication	Design and Visual Communication
	Digital Technologies	Digital Technologies	Information and Communication	Information and Communication	Information and Communication
	Food Technology	Food Technology	Hospitality	Hospitality	Hospitality
	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
	Technology Wood	Technology Wood	Building and Construction	Building and Construction	Building and Construction
Vocational			Gateway	Gateway	Gateway
			Star Courses	Star Courses	Star Courses
			Trades Academy	Trades Academy	Trades Academy

Note: * By “Volcanics” online tutoring

Key Competencies in Edgecumbe 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.

NZ Curriculum 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 Edgecumbe College in and beyond the classroom.

Year 9 Subjects at Edgecumbe College

The Core subjects

The focus for students in Year 9 is to spend time learning in the five core subject areas. This will take up over two thirds of their weekly timetable.

The Taster subjects

Rather than having to make the choice to specialise in option subjects at this early stage of College, students will have a one term taste of eight different options or “*taster subjects*”. Two further *taster subjects* marked with * will be studies for two terms each.

The Core subjects (compulsory)	The ten Taster subjects Terms 1 to 4 (compulsory)
English Health and Physical Education Mathematics Science Social Studies	Agricultural and Horticultural Science Design and Visual Communication Digital Technology* Māori Performing Art Music Technology Metal Technology Food Technology Wood Te Reo Māori* Visual Art

Core Subjects

English (9ENG)

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

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

The achievement objectives within each strand suggest progressions through which most students move as they become more effective communicators. Students will be operating between levels 3, 4 and 5 of the New Zealand Curriculum.

Areas of focus:

Managing self	Survivors	Heroes
Science Fiction	Overcoming Adversity	Poetry
Novel	Short texts (visual and written)	Film
Resilience		

Assessment: Class assessment and asTTle testing.

CODE	TOPIC/ASSESSMENT	TERM
9ENG	Writing folio - creative Close viewing short text	1
	Writing folio - formal Formal speech	2
	Literature response Close reading Static Images	3
	Close viewing – feature length End of year exam	4

Reviewed Sept 2022

A required course for: Year 10 English (10ENG).

For further information contact: Mrs Irwin.

Mathematics (9MAT)

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 have different ways of thinking and of 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
Statistics

Measurement
Algebra

Geometry

Extension: At the class teacher's discretion, Year 9 Mathematics students may be given the opportunity to participate in the Australasian Mathematics Competition, the BOPMA Mathsmind Competition, the Development Band Course (NZAMT) or the Otago University Junior Olympiad Course.

Assessment: Class assessment and asTTle testing.

CODE	TOPIC/ASSESSMENT	TERM
9MAT	Number	1, 2, 3, 4
	Statistics	3
	Assignments	4
	End of year examination	4

Reviewed Sept 2022.

A required course for: Year 10 Mathematics (10MAT).

For further information contact: Mrs Cottell-Mayhew

Science (9SCI)

The aim of science is to understand the natural world and how it functions. This involves building observations and organising knowledge in the form of testable explanations and predictions through “fair testing”. This evidence-based knowledge is then refined through communication and debate to provide theories and understanding, which provides the basis for further scientific progress.

Areas of focus:

Biology: Living things - Cells and Microscopes; Plant structure and Function; Ecology; Human nutrition and digestion.

Chemistry: Laboratory safety and Science skills; Nature of Science; Mixing and Separating techniques; Matter – Particle theory, States of matter, the Water cycle.

Physics: Energy, Waves and Sound; Heat transfer; Astronomy.

Extension: At the class teacher’s discretion, Year 9 students may be given the opportunity to participate in a variety of external competitions.

Assessment: Class written and Practical co-operative assessments and end of year examination

CODE	TOPIC/ASSESSMENT	TERM
9SCI	Laboratory safety and Science skills Matter and the water cycle	1
	Living things – Cells and Microscopes Energy and Sound	2
	Rongoa Māori plants Ecology – ecosystems/adaptations	3
	Human nutrition and digestion Energy Astronomy	4
	End of year practical and theory exam	4

Reviewed Sept 2022.

A required course for: Year 10 Science (10SCI).

For further information contact: Mrs Hoeberigs.

Social Studies (9SOS)

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: History, Social Studies, Geography, Economics.

Assessment: Class assessment and end of year examination.

CODE	TOPIC/ASSESSMENT	TERM
9SOS	History: Treaty of Waitangi Inquiry: Parihaka Essay: Key Players / action	1
	Geography: Mapping and Graphing Skills	4
	Economics: Producers and Consumers Research: presentation	3
	Social Studies: Sustainability	2
	End of year examination	4

Reviewed Sept 2022.

A required course for: Year 10 Social Studies (10SOS).

For further information contact: Mr Speedy.

Health and Physical Education (9HPE)

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.

Assessment: Class assessment

CODE	TOPIC/ASSESSMENT	TERM
9PED	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(s).	1, 2, 3, 4

Reviewed Sept 2022

A required course for: Year 10 Health and Physical Education (10HPE)

For further information contact: Ms Barnes.

Taster 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 (9MPA)

The students have the opportunity to learn music/performing arts that incorporate sound, movement and performance. These will include lament, action song, weapon and composition.

Ka taea e nga taurira te mahi toi, te mahi puoro, te mahi-a-Rehia, te mahi ataata hoki.

Areas of focus:

Moteatea

Waiata-a-ringa

Mau rakau

Assessment: Class assessment and performance

CODE	TOPIC/ASSESSMENT	JUNIOR CREDITS
9MPA	Haka Performance.	1
	Mau Patu – Manipulation of a Patu.	1
	Waiata Ringa - Action Song.	1

Reviewed Sept 2022.

A recommended course for: Year 10 Māori Performing Arts (10MPA).

For further information contact: Mr Hakiaha.

Music (9MUS)

Students will develop skills in performance on both guitar and keyboard and also build aural and theory skills. They will analyse music using elements and features and investigate the social and historical context of NZ Music.

Areas of focus: Performance; Aural and Theory; Analysis of music works.

Assessment: Class assessment and performance

CODE	TOPIC/ASSESSMENT
9MUS	Instrumental skills: Guitar
	Instrumental skills: Keyboard
	Listening test – Elements of Music
	Understanding the social and historical context of NZ Music

Reviewed Sept 2022.

A recommended course for: Year 10 Music (10MUS).

For further information contact: Ms. Wilson.

Visual Art (9ART)

The emphasis over the term is to develop confidence in both drawing, painting and complete Art works. We look at drawing, shading, colour theory, painting and composition. The most important thing is to arrive in class with an open mind.

Areas of focus: Skills and knowledge.

Assessment: Class assessment.

CODE	TOPIC/ASSESSMENT
9ART	Skills
	Completed painting

Reviewed Sept 2022

A recommended course for: Year 10 Visual Art (10ART).

For further information contact: Mr Folker.

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 (9MAO)

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

Areas of focus:

Ko au	Whakarongo	Korero
Tuhituhi	Panui	Cultural conventions

Assessment: Class assessment

CODE	TOPIC/ASSESSMENT
9MAO	Pepeha – geographical landmarks.
	Introducing family whanaungatanga.

Reviewed Sept 2022.

A recommended course for: Year 10 Te Reo Māori (10MAO) .

For further information contact: Mr Hakiaha.

The Sciences Area

Agricultural and Horticultural Science (9AHS)

This course aims to introduce students to the world of plants and their importance to all life and people on earth - *people need plants*. Students will gain knowledge of plant processes, the types of plants, their uses and importance. A basic understanding of variations of plant structure and function will be learnt to enable students to carry out simple propagation and husbandry practices.

Assessment: Class assessment.

CODE	TOPIC/ASSESSMENT
9AHS	Growing Plants (practical).
	Importance and uses of Plants.
	Photosynthesis.

Reviewed Sept 2022.

A recommended course for: Year 10 Agricultural and Horticultural Science (10AHS).

For further information contact: Mrs Jackson.

The Technology Areas

Technology is intervention by design: the use of practical and intellectual resources to develop products and systems (technological outcomes) 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 (9DVC)

This course teaches basic skills and principles for design, instrumental drawing and visual communication.

Areas of focus:

- Instrumental drawing – working and drawing.
- Instrumental drawing – pictorial.
- Design process/ sketching.

Assessment: Class assessment.

CODE	TOPIC/ASSESSMENT
9DVC	Satisfactory completion of all tasks

Reviewed Sept 2022

A recommended course for: Year 10 Design and Visual Communication (10DVC)

For further information contact: Mr Cannell.

Digital Technology (9DTI)

Digital technologies impact on every aspect of our lives and are vitally important to New Zealand's growth in the 21st century. Students in New Zealand need opportunities to develop knowledge and skills in digital technologies so they are equipped to respond to rapid changes in our society.

Areas of focus: The course will include components from:

Business technology (Digital Information),
Programming & software (Computer Science),
Digital media, Digital environments & systems (Digital infrastructure),
Digital society, Digital concepts and tools.

Assessment: Class assessment.

CODE	TOPIC/ASSESSMENT
9DTI	Digital Information.
	Design and Develop Digital Outcomes
	Computational Thinking

Reviewed Sept 2022.

A recommended course for: Year 10 Digital Technology (10DTC)

For further information contact: Miss Villaluz.

Technology Mechanical Engineering (9TME)

Students will be learning about the engineering of materials (i.e. ferrous and non-ferrous metals, plastics) through applied science.

They will learn the skills needed to use both hand tools and stationary machinery (i.e. cutting, drilling, milling, finishing, fastening).

CODE	TOPIC/ASSESSMENT
9TME	Satisfactory completion of all tasks

Reviewed Sept 2022

A recommended course for: Year 10 Technology Mechanical Engineering (10TME).

For further information contact: Mr Folker.

Technology Nutrition (9TCN)

A course covering the technology strands at levels 3-5, in preparation for Year 10 Food Technology. This course is designed to merge with that of the Years 7 and 8 Food Technology at Edgecumbe College.

Areas of focus: Food Technology today.

CODE	TOPIC/ASSESSMENT
9TCN	Measurement, recipe adaption and maintaining a resource book.
	Food Science/Chocolate Work
	Basic principles of cookery.

Reviewed Sept 2022

A recommended course for: Year 10 Technology Nutrition (10TCN)

For further information contact: Mrs Esterhuizen

Technology Wood (9TCW)

This course develops the student's basic skills in preparation for Year 10 technology courses. Students are encouraged to have an interest in learning about wood technology.

Areas of focus:

Technological knowledge: modelling, products and systems.

Technological practice: brief development and evaluation.

Nature of technology: characteristics of technology and technological outcomes

CODE	TOPIC/ASSESSMENT
9TCW	Satisfactory completion of all tasks.

Reviewed Sept 2022

A recommended course for: Year 10 Technology Wood (10TCW).

For further information contact: Mr Cannell.