



**MĀRUAWAI**  
COLLEGE

# Year 10

# Subject Information

📍 SENIOR CAMPUS

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No Reward Without Effort

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# Year 10 courses



## Compulsory subjects

The following subjects are compulsory. All students are required to take these subjects.

- English
- Mathematics
- Physical Education and Health
- Science
- Social Studies



## Optional subjects

The following subjects are optional:

- Agriculture
- Digital Technology
- Design and Visual Information
- Drama
- Music
- Technology Fabric
- Technology Food
- Technology Metal
- Technology Wood
- Te Reo Māori
- Visual Art

## Our Prospectus/Enrolments:

[maruawai.school.nz/enrolments](https://maruawai.school.nz/enrolments)



## Selecting your subject options on EDGE

- ① You will choose your options online, by either using a web browser to login to **EDGE**, or by using the **EDGE App** on your phone.
- ② Login with your student school email address at [student.edgelearning.co.nz](https://student.edgelearning.co.nz) using your EDGE password.
- ③ Make sure the Year Level is **2025**.
- ④ Choose your subjects.



# Agriculture (AGR)

Year 10

## **COURSE OUTLINE**

A closer study is made of the main types of farms and farm activities. The emphasis is on traditional livestock farming and factors which contribute to healthy and profitable plant and animal production. Practical work is undertaken in the school's tunnel-house and garden. This course is a good introduction for Year 11 Agriculture.

## **WHERE DOES IT LEAD?**

NCEA Level 1 Agriculture; NCEA Trades Academy

# Digital Technology (TED)

Year 10

## COURSE OUTLINE

Year 10 Digital Technology builds further on students' prior learning and improves their skills across many areas of design and producing digital outcomes. It also prepares students for senior Digital Technology.

The course involves using software such as Photoshop as a design tool to produce digital media outcomes, designing websites and coding them using HTML and CSS, getting started with animation theory and practice, and learning the processes needed to create and code using "Scratch".

Students will expand their knowledge of how the computer functions, file types, and file organisation. The course will continue the student's path towards becoming competent and creative in the Digital Technology field.

## WHERE DOES IT LEAD?

It may continue into NCEA Levels 1-3 Digital Technology.



# Design and Visual Communication (DVC)

Year 10

## COURSE OUTLINE

Year 10 Design and Visual Communication builds on information gained from the Year 9 course and uses the personalised learning method by encouraging students to create solutions which have meaning for them.

The course will introduce a wide range of drawing methods, including: sketching, rendering, modelling, draughting skills, and some computer software applications. Students will develop these skills further by applying them to design problems that will be structured around the following three sections: Architectural and Environmental (Spatial) Design, Technological and Engineering (Product) Design, and one Media Design project. The design process will be used to enhance creativity and problem-solving techniques, in conjunction with core drawing techniques which may be transferred into other subjects throughout the school. This subject supports learning in other technology-based courses.

## WHERE DOES IT LEAD?

NCEA Levels 1, 2 and 3. University and Polytechnic courses are available for further study, i.e., Architecture, Surveying, Product Design, Graphics Media Design, Landscape Architect, Construction fields, Engineering, Interior Design, and a range of trades, etc.



# Drama (DRA)

Year 10

## COURSE OUTLINE

Students will practice dramatic forms as they work with the elements of role, time and space, action, tension and focus. They will develop skills in using the techniques of voice, body, movement, and space.

Students will have the opportunity to investigate and perform a variety of theatre forms during this course. We will focus on devising, improvisation, live performance, film creation and script work. Students will incorporate and develop their use of drama techniques, elements, and conventions. The Year 10 Drama course allows students to gather a clear understanding of the work covered in NCEA Drama during their senior year.

## WHERE DOES IT LEAD?

Development of confidence, creativity and teamwork. Year 10 Drama leads to NCEA Drama.



\* Compulsory

# English (ENG)

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Year 10

## COURSE OUTLINE

This programme enables students to continue to develop the skills needed to understand, use and create oral, visual and written texts. Through engaging with a range of texts, students will become increasingly skilled and sophisticated speakers and listeners, writers and readers, presenters, and viewers.

Year 10 English provides students with further opportunities to engage with and develop the key skills and competencies of the New Zealand Curriculum (Curriculum Levels 5 - 6) in diverse contexts. In doing so, students will gain a better understanding of language, literature, and the world around them.

## WHERE DOES IT LEAD?

NCEA Level 1 English



\* Compulsory

# Mathematics (MAT)

Year 10

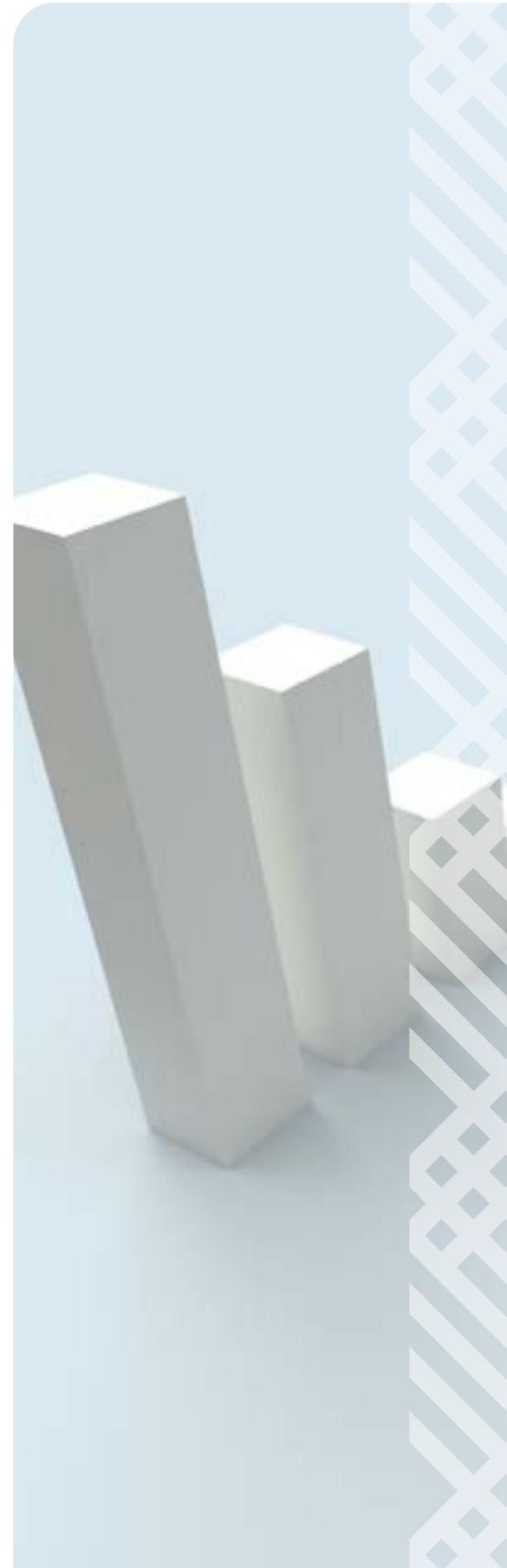
## COURSE OUTLINE

This course prepares students for NCEA Level 1 Mathematics. The course is determined by the national syllabus and includes the following topic areas: Number and Algebra, Measurement, and Statistics. The Year 10 Mathematics covers Levels 4 and 5 of the New Zealand mathematics curricula. The course aims to develop and consolidate the skills gained in Years 7, 8 and 9 and further develop their problem-solving strategies.

The Year 10 Mathematics and Statistics goals are to help students see the value and usefulness of mathematics and statistics in everyday life; develop their ability to think logically, creatively, critically, and strategically and provide them with the mathematical and statistical skills needed for work. Students will be involved in learning opportunities to use all skills gained to confidently solve contextual problems relating to real life situations. All this course will be assessed by end-of-topic tests. Technology supports and enhances classroom experiences and is an integral part of learning in mathematics.

## WHERE DOES IT LEAD?

Mathematics and Statistics, NCEA Level 1.



# Music (MUS)

Year 10

## COURSE OUTLINE

This course is tailored for students who have either completed Year 9 Music, or have a minimum of one year of instrument tuition. Students will review the fundamental aspects of music and delve deeper into the analysis of musical contexts and genres. Throughout the course, students will be able to pursue their chosen instrument(s), dedicated to enhancing their solo and group musicianship skills. Alongside instrument practice, students will learn how to compose music and utilise technology to support their growth. The course will cover the history of New Zealand music and explore the usage of music in films. Musical theory will be taught through engaging song analysis and interactive group activities.

## WHERE DOES IT LEAD?

NCEA Levels 1, 2 and 3 Music. This subject can lead to careers and further training in the associated industry – teacher, performer, arranger, and sound engineer.

\* Compulsory

# Physical Education and Health (HPE)

Year 10

## COURSE OUTLINE

The course is built on the major themes including movement to help students understand they have diverse capabilities, knowing how participation in movement can enrich our lives and movement is essential to Hauora. The context these themes are explored and taught in include, traditional activities, recreation activities, cultural games, disc golf, Hauora, sexuality, and decision making.

## WHERE DOES IT LEAD?

Physical Education Level 1

Health Level 1



\* Compulsory

# Science (SCI)

Year 10

## COURSE OUTLINE

Year 10 Science builds on what the students have learned in Year 9 with more focus on investigation skills, science literacy and socio-scientific issues as these are required for Year 11 science.

Students will carry out practical science activities and link them to their real-world applications. The focus for Year 10 is Kaitiakitanga o te wai – healthy waterways, working with electricity, health science, chemical reactions, and genetics. By focusing on the five capabilities, students will learn how to think, work, and investigate like scientists while learning about the world around them.

## WHERE DOES IT LEAD?

Science at Year 11 (and then the choice to specialise in Year 12 in Biology, Chemistry and Physics), whilst also giving students a grounding in scientific thinking so that they can read, understand, and act on issues in the world around them. Science has many interesting and rewarding career options and a lot of valuable learning occurs in Year 10.



## The focus for Year 10

- ✓ Gather and interpret data
- ✓ Use and critique evidence
- ✓ Interpret representations
- ✓ Engage with Science

\* Compulsory

# Social Studies (SOS)

Year 10

## COURSE OUTLINE

The Year 10 Social Studies programme focuses on students working primarily at Level 5 of the New Zealand Social Studies Curriculum. The main aim of Social Studies at Year 10 is to equip students with skills, ideas, and knowledge, which will lead on to History, Geography, Tourism, Accounting and Economics in the senior school.

The main topics covered at Year 10 include: Human Rights, Migration and Refugees, Geographic Issues, and the Economic World.

## WHERE DOES IT LEAD?

Geography, History, and Economics in Years 11-13, as well as Tourism in Years 12 and 13. Skills learned can be applied to all subject areas.



# Technology Fabric (TEF)

Year 10

## COURSE OUTLINE

Technology Fabric builds on the basic understanding of knowledge and skills gained at Year 9, but it caters for all students, regardless of ability or previous experience, who are interested in this area. There is a focus on the Technology Knowledge and Skills component of the curriculum where students develop practical skills through the designing and construction of a product. Emphasis is given to creativity and individuality as well as accuracy of techniques and processes. Students are encouraged and will be given the opportunity to experiment with materials other than fabric to complete practical outcomes, giving them a solid base that will enhance future learning in this subject.

## WHERE DOES IT LEAD?

NCEA Levels 1, 2 and 3 Technology Soft Materials courses. Fashion Industry, Polytechnic and University Design Courses.

# Technology Food (FTE)

Year 10

## COURSE OUTLINE

This course builds on the basic understanding of Food and Nutrition knowledge and skills gained at Year 9. This subject caters for all students regardless of ability and experience, students are most welcome to join without taking Year 9. Students are encouraged to experiment and develop their own food ideas through recipes and dish design. Food Technology requires equal amount of written and practical experiences which targets a future focussed approach to food and dining experiences.

## WHERE DOES IT LEAD?

Year 11 Culinary Design and beyond that Year 12 Hospitality.



# Technology Metal (TEM)

Year 10

## COURSE OUTLINE

This course is aimed at problem solving and creating functional practical projects. Students will develop a wide range of skills to give them a good preparation towards the senior levels of this subject. Students are encouraged to explore and use a range of materials, with the main material being metal. A design and make approach is the foundation for this course along with a focus on skill development. Students will complete planning for practice and brief development work, which supports further Technological study in following years. We endeavour to develop an understanding of where products come from, how they are produced and ultimately what happens to them when they meet their end of life.

## WHERE DOES IT LEAD?

NCEA Levels 1, 2 and 3 Technology courses, the Construction or Engineering industry, for example, plumbing, welding, fitting and turning, diesel mechanic, motorcycle mechanic and Polytechnic and University Technology/Design courses.





# Technology Wood (TEW)

Year 10

## COURSE OUTLINE

This course is aimed at problem solving and creating functional practical solutions. There is a focus on Technology Literacy, including planning for practice and brief development work, which supports further Technological study in following years students will develop a wide range of skills to give them a good skill base for the senior levels. A mixture of materials such as natural timber, manufactured boards, metal and plastics may be used, with the main material being wood. The students will usually complete two or three design and make projects that give them the opportunity to discover different joining methods and characteristics of the materials they are using. The design and make approach is the foundation for this course and sets the standard for NCEA Level 1 and above.

## WHERE DOES IT LEAD?

NCEA Levels 1, 2 and 3 Technology courses, the Construction or Engineering industry or Polytechnic and University Technology/Design courses.

# Te Reo Māori (MAO)

Year 10

## COURSE OUTLINE

Year 10 te reo Māori expands on the sentence structures and vocabulary available for students to use when communicating in te reo Māori. Students will learn and use a variety of sentence structures including active sentences, asking “*when did, when will, and how will*” and answering these questions. Agent emphatic sentence structures are also covered. Students will do a research assessment as well as whakarongo, tuhinga, kōrero and pānui.

## WHERE DOES IT LEAD?

Year 11 Māori (either Unit Standards or Achievement Standards). There are future career opportunities in Media, Interpreting, Journalism, Teaching, Tourism in New Zealand, Politics.



# Visual Art (ART)

Year 10

## COURSE OUTLINE

Students will be encouraged to explore elements and principles of the Visual Arts using a variety of techniques, tools, materials, processes, and procedures. Students will use imagination, observation, and will experiment with a range of media in painting, printmaking and photography. The course is designed to develop skills and techniques in preparation for NCEA Level 1. The course is experimental in its approach and the students are encouraged and supported in learning new techniques and art processes. Opportunities to work in collaboration and within the community are offered in conjunction with the East Gore Arts Centre. Any student interested in taking Visual Art at NCEA Level 1 would benefit hugely from taking this Year 10 course first.

## WHERE DOES IT LEAD?

NCEA Level 1 Visual Art



# 21st Century Learning and BYOD

## USING TECHNOLOGY TO ENHANCE AND ENABLE LEARNING

At Māruawai College we believe in allowing students to become connected learners for life. ICT allows greater collaboration, personalised delivery of curriculum, and many other opportunities to enhance teaching and learning for our students.

Students at all year levels will use devices in class for their learning. In the same way that students come to school and attend lessons in a classroom, with a teacher in front of them, we also use an online platform called Microsoft Teams for day-to-day activities. This is our online forum for communication, administration, making pastoral connections and learning.

## PURCHASING A DEVICE

We want all students to have access to their own device. If you cannot afford a device at this time, please contact the school to talk about how we can help provide your child with their own device.

## DEVICE SPECIFICATIONS

- Windows 11 (preferred operating system) or 10
- 8GB of RAM minimum
- 128GB SSD storage minimum, 256GB recommended
- A minimum of 6-hour battery life
- Laptop case or cover recommended



#### **GENERAL ENQUIRIES**

+64 3 208 9130  
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#### **JUNIOR CAMPUS**

5 Wayland Street,  
Gore 9710, New Zealand  
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#### **SENIOR CAMPUS**

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[maruawai.school.nz](https://www.maruawai.school.nz)