



Waitaki Boys' High School

Subject Information Booklet

Option Selection for

Year 10, 2020

Year 10 Option Selection 2020

All year 9 students in 2019 will have to make options selections for their 2020 timetable

Next year, 2020, all Year 10 students will take:

Core Subjects:

English
Mathematics
Science
Social Science
Physical Education
Technology
The Rite Journey (Thursdays period 5)

Please select 4 options and 1 alternative subject .

Te Reo Maori is a compulsory option. You must select this as one of your 4 options.

Options:

Agriculture
Art
Digital Technology
Outdoor Education
Music
Te Reo Maori (compulsory)

Please read the attached information carefully and discuss with your parents so that you are able to make an informed decision about which options to choose for next year.

Year 10 Agriculture

Topics Covered:

One period per week is spent on practical farm skills

- Tractors
- stock handling
- fencing and pastures.

The other period is spent on a research assignment – “The Farm as a System”. Students will pick a type of farming and research the inputs, processes and outputs of that type of farming.

Skills you will learn include:

- Safe stock handling
- Basic fencing skills
- Operating basic machinery/equipment
- Pasture Management

Senior subjects this course leads to:

Practical farming component leads to Agriculture at Level one and onwards

Research component leads to Agribusiness from Level Two and supports Agriculture at Level One

Person Responsible: Ms Elizabeth Prentice

Year 10 Art

Topics Covered:

- Understanding the Visual Arts in Context: Students will investigate and consider the relationship between the production of art works and their contexts and influences.
- Developing Practical Knowledge: Students will apply knowledge of selected conventions from established practice, using appropriate processes and procedures.
- Developing Ideas: Students will generate develop and refine ideas in response to a variety of motivations, including the study of established practice.
- Communicating and Interpreting: Students will compare and contrast the ways in which ideas and art-making processes are used to communicate meaning in selected objects and images.

Skills you will learn include:

- In Art at Year 10, you will develop existing tonal drawing skills in both wet and dry media and build upon your prior knowledge learned in year 9. You will demonstrate your visual ideas in pop-art portraiture, painting using planar perspective, single and multiple layer stencilling, and you will explore the kowhaiwhai / whakairo / siapo using a 3 colour print-making process.

The option Year 10 rotation is a prerequisite for the choice of NCEA Level 1.

Students will be required to provide a workbook and a 2B or 6B pencil as stationery. There will also be a 30 minute weekly homework tonal drawing requirement.

Person Responsible: Ms Sarah Pitman

Year 10 Digital Technology

Topics covered and skills learnt:

Programming Basics (Hour of Code Star Wars exercise).

Publishing on the web

- HTML and website creation (code academy)
- CSS
- Cybersafety

Python programming

- basic introduction
- LOGO drawing
- "Dungeons and dragons" exercise

Photoshop

- Basic Photoshop
- Photoshop animation

Digital media

- 3D Rad (Game design)

Blender

- Basics
- "Space Battle" exercise (Stop frame animation and physics engine)

Electronics and Robotics

- Robot Construction (optional take home element)
- Programming integrated circuits
- Simulating circuits on cloud based software

Excel spreadsheeting

- Basics
- Modelling ("Top Trumps" exercise)
- Advanced module. Calculations and charting.

Access Database

- Detective crime database exercise
- Space data exercise

Group Work and Gaming Ethics

- Working in a collaborative online environment (Minecraft classroom)

Senior Subjects this course leads to: Digital Technology

Teacher in Charge: Mr J Robinson

Year 10 Outdoor Education

This course is designed to promote and develop outdoor skills to enhance personal experiences and encourage respect for the environment.

Topics Covered:

- Environmental Care
- Leadership
- Trip Planning, Clothing and Equipment, Food and Camp Craft
- Navigation
- Risk Management and First Aid

Skills you will learn include:

- Environmental care code
- Water care
- Personal responsibility
- Leadership styles
- Safety management
- Planning techniques
- Campcraft
- Map reading
- Use of compass
- Route finding
- Water safety
- River crossing
- Outdoor First Aid
- Kayaking

Senior subjects this course leads to: Physical Education
Year 12 Outdoor Education and Sustainability

Person Responsible: Mr R Boswell

Equipment Required: Personal Tramping Equipment

Costs: @ \$100

Year 10 Music

Topics Covered:

- Performance – perform on your instrument-group and solo
- Composition-make your own music
- Understanding pieces of music within a social / historical context
- Listening skills
- Reading and understanding music scores

Skills you will learn include:

- Performance techniques
- Composition techniques
- Score reading
- Aural perception skills

Activities you will undertake include:

- Performing music on your own instrument, individually and in group context.
- Composing music in various styles.
- Studying various pieces of music, composers, historical and social context.
- Listening to and writing down rhythms and melodies.
- Discovering Instruments, harmonies, intervals and performance directions.
- Studying details of written music.

Senior subjects this course leads to: NCEA Level 1 Music.

Person Responsible: Mr S Hinds

Equipment Required: Collins Music Book No 2: From Year 9

Year 10 Te Reo Māori

Topics Covered:

- Whakarongo – Listening
- Tuhituhi – Writing
- Kōrero – Speaking
- Kowhaiwhai – Art work
- Kapa Haka – Performance
- Tikanga is a Māori – customs, culture, protocol

Skills you will learn include:

The Year 10 Maori course aims to improve students ability in Te Reo Māori and knowledge of Tikanga Māori (customs, culture and protocol. By the end of the course students will be able to use basic Te reo Māori in familiar social situations and cope with less familiar ones. Knowledge of Māori is increasingly expected and popular in the workplace, tertiary studies, sports and social situations. Students need to have reasonable literacy skills and a willingness to participate in culture and performance experiences.

Person Responsible: Mr Nigel Ryburn

Equipment Required: 3B1 notebook

Please enter your choice on the KAMAR Portal or return this page, completed, to the Deans' Office

Student Name: _____

Form Class: _____

Option Selection

*Please select **four** options.*

Agriculture

Art

Digital Technology

Outdoor Education

Music

Te Reo Maori (compulsory)

Parent/Caregiver: _____ print name please

signature please

Student: _____ signature please