

Waitaki Boys' High School

Subject Information Booklet



Option Selection for

Year 10, 2017

Year 10 Option Selection 2017

All year 9 students in 2016 will have to make options selections for their 2017 timetable

Next year, 2017, all Year 10 students will take:

Core Subjects:

English

Mathematics

Science

Social Science

Physical Education

Mathematics

The Rite Journey

Pupils will need to select two option subjects (two to be chosen from the lists below).

These subjects will run for the whole year:

Options:

Agriculture

Art

Digital Technology

Financial Literacy

Outdoor Education

Music

Te Reo Maori

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:

- Agriculture in New Zealand
- Agricultural safety
- Pre-European Farming
- Alternative Farming

Skills you will learn include:

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

Senior subjects this course leads to:

NCEA Agriculture, Achievement Standards and Unit Standards

Person Responsible: Ms E Prentice

Year 10

Art

Topics Covered:

- Drawing
- Design
- Mixed Media
- Painting
- Research
- Sculpture

Skills you will learn include:

- To observe and record using a range of materials and tools. The basis of all art forms.
- To develop personalised forms through culturally appropriate and personalised pattern making.
- Experimenting and refining ideas through photography and digital manipulation. Includes work on Adobe programs, as well as incorporating paint and drawing.
- An introduction to blending and rendering, leading to senior art programs, in addition to experimental contemporary techniques.
- To analyse and describe art works and ideas. Includes artist studies within each unit.
- An introduction to installation sculpture using found materials.

Activities you will undertake include:

- **Group activities: A range of large scale works which will require group work to achieve.**
- **Utilising found objects: Creating sculpture from “nothing” – recycled materials.**
- **Working towards exhibiting work: Students in 2015 were able to show their work both at school and in the community.**
- **Using a range of tools: Photography, printmaking, making stencils and using Photoshop have all been part of the Year 10 program.**

Senior subjects this course leads to: NCEA Level One Visual Art, Level Two Painting or Photography.

Person Responsible: Ms J McEntyre

Equipment Required: A3 Art pad or folder, sketching pencils, pens, coloured pencils.

Year 10

Digital Technology

Topics covered and skills learnt:

Publishing on the web

- HTML and website creation
- CSS
- Cybersafety

Python programming

- LOGO drawing
- "Dungeons and dragons" exercise
- Sorting code. Algorithms and programming

Photoshop

- Basic Photoshop
- Photoshop animation

Digital media

- Animation (Pencil software)
- 3D Rad (Game design)

Blender

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

Electronics

- Breadboarding and Robot Construction
- Simulating circuits on cloud based software
- Programming Integrated Circuits

Java Application Modification

- Modding Minecraft with Eclipse IDE software

Excel spread sheeting

- Modelling ("Top Trumps" exercise)

Access Database

- Detective crime database exercise
- Space data exercise

Senior Subjects this course leads to:

- Digital Technology

Person Responsible: Mr J Robinson

Year 10

Financial Literacy Skills

This is an interesting and very worthwhile course that focuses on developing sound Money Management, decision making and general skills. It is an excellent grounding for boys intending to study either Year 11 Accounting or Economics.

Topics include:

- Importance of developing good savings and investment habits (e.g. Kiwisaver, Sharemarket).
- Understanding simple financial documents and statements (e.g. Balance sheets).
- Record keeping and budgeting.
- How to run a formal meeting and the roles of Treasurer, Secretary and chairperson.
- The importance of key industries (e.g. Agriculture and Tourism) in the economy.
- Taxation issues.
- Enterprise studies – running a business.
- Rights of Consumers (e.g. Consumer Laws).

Skills you will learn include:

- Decision making.
- Budgeting using computer spreadsheets.
- Working co-operatively.
- Self analysis skills.

Activities you will undertake include:

- Group work.
- Computer activities.
- Case studies and discussion.
- The Great Vegetable Grand Prix.
- DVD's and follow up.

Senior subjects this course leads to: Economics leads into the areas of Economics and Accounting.

Person Responsible: Mr T Blackbeard

Equipment Required: None

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: Music exercise book, manuscript refill

Year 10

Te Reo Maori

Topics Covered:

- Basic communications about self and others
- Roles and responsibilities on Marae
- Broad understanding about variations in culture

Skills you will learn include:

- Listening to Maori
- Speaking Maori
- Reading Maori
- Writing Maori

Activities you will undertake include:

- Online video and audio clips
- Online learning environment
- Marae visit and places of Maori significance
- Internal assessment

Senior subjects this course leads to: Te Reo Maori NCEA Levels 1-3

Person Responsible: Mr Nigel Ryburn

Equipment Required: BYOD device if available

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 **two** options.

Option	Tick Two
Agriculture	
Art	
Digital Technology	
Financial Literacy	
Outdoor Education	
Music	
Te Reo Maori	

Parent/Caregiver: _____ print name please

_____ signature please

Student: _____ signature please