



# WHANGĀREI BOYS' HIGH SCHOOL

DEVELOPING BOYS INTO FINE MEN

## CURRICULUM GUIDE

YEAR 9



# 2021

[wbhs.school.nz](http://wbhs.school.nz)

# KEY DATES

## 2020

---

Wed	29	July	Subject Selection Evening 5:30pm - 7:30pm For students in Years 9 - 12 selecting 2021 subjects Senior staff, Head of Faculty staff, and Deans will be available to discuss subject selection with students and parents/cargivers
Thurs	30	July	Year 8 Open Evening 4:30pm - 7:00pm For students and parents/cargivers Tours will commence at 4:30pm, and the formal presentation will be from 6:00pm - 7:00pm Subject displays will be in the School Hall
Wed	5	Aug	Final day for online subject selection via parent portal - for Years 9 - 12 students selecting 2021 subjects
Wed - Thurs	19 - 20	Aug	Year 8 Enrolment Interviews in the School Hall - bookings are made through the School Office

---

## 2021

---

Tue - Thurs	19 - 21	Jan	Years 9 – 13 Deans available for subject consultation for all returning students and new enrolments
Tue	26	Jan	Years 9 & 13 students attend school Powhiri at 9.00am Years 10 – 13 Deans available at 11.00am for course changes
Mon	1	Feb	All students attend school

---

## USEFUL WEBSITES

**Career Central** – [www.careercentral.school.nz](http://www.careercentral.school.nz)

**Vocational Pathways** – [www.youthguarantee.net.nz](http://www.youthguarantee.net.nz)

**Careers New Zealand** – [www.careers.govt.nz](http://www.careers.govt.nz)

**Occupation Outlook app** – [www.occupationoutlook.mbie.govt.nz](http://www.occupationoutlook.mbie.govt.nz)

**Just the Job** – [www.justthejob.co.nz](http://www.justthejob.co.nz)

**Student loans and allowances** – [www.studylink.govt.nz](http://www.studylink.govt.nz)

**Fees Free, Tertiary Education Committee** – [www.feesfree.govt.nz](http://www.feesfree.govt.nz)



# YEAR 9 DEANS' LETTER



Thank you for choosing Whangarei Boys' High School for your son. Our Year 9 students have a wide variety of subject choices. Junior classes are mixed ability classes with a focus on differentiated learning strategies to best meet the wide variety of student needs. In addition, extra tuition for students who may benefit from it, may be available from our Literacy Support team.

Please have a look at the compulsory subjects as well as the options your son needs to choose from.

## OPTION SUBJECTS

(Half year unless otherwise stated)

### Compulsory Subjects

English  
Mathematics  
Science  
Social Studies  
Health  
Physical Education  
Materials Technology  
- Electronics & Structure (half year)  
- Materials & Processes (half year)  
Te Reo Māori (half year)

### Choose ONE

Art  
Drama  
Music

### Choose TWO

Agriculture/Horticulture  
Art  
Ancient Mythology  
Design & Visual Communication  
Digital Technology  
Drama  
Japanese  
Junior Māori Arts  
Languages via FarNet (full year)  
Music  
Outdoor Education  
Sports Specific Training  
Start Your Own Business  
Te Reo Rangatira (full year)  
The World of Money

You will find more detailed subject information as you read on. **Please be aware that the enrolment interview, entrance testing, and information from the previous school will contribute to class placements.** Enrolments can only take place after an interview with an Enrolment Officer at Whangarei Boys' High School. Please ensure you bring all the required documentation to the interview.

## YEAR 9 DEANS



# ACADEMIC COURSES 2021

FACULTY	YEAR 9		YEAR 10		YEAR 11 - LEVEL 1		YEAR 12 - LEVEL 2		YEAR 13 - LEVEL 3	
	<b>The Arts</b>	* Art * Drama * Music	* Art * Drama * Music	* Art * Drama * Music	* Art * Drama * Music	Art Digital Art Drama Music	Art Design Art Painting Photography Drama Music	Art Design + Art Painting + Photography + Drama + Music +	Art Design + Art Painting + Photography + Drama + Music +	Art Design + Art Painting + Photography + Drama + Music +
<b>Health &amp; Physical Education</b>	✓ Health ✓ Physical Education * Outdoor Education * Sports Specific Training	✓ Health ✓ Physical Education * Outdoor Education * Sports Specific Training	✓ Health ✓ Physical Education * Outdoor Education * Sports Specific Training	✓ Health ✓ Physical Education * Outdoor Education * Sports Specific Training	Health Physical Education Physical Well-being Outdoor Education Personal & Social Development	Health Physical Education Physical Well-being Outdoor Education Personal & Social Development	Health + Physical Education + Physical Well-being Outdoor Education Personal & Social Development	Health + Physical Education + Physical Well-being Outdoor Education Personal & Social Development	Health + Physical Education + Physical Well-being Outdoor Education Personal & Social Development	Health + Physical Education + Physical Well-being Outdoor Education Personal & Social Development
<b>Languages</b>	✓ English * Japanese * Languages via FarNet ✓ Te Reo Māori * Junior Maori Arts * Te Reo Rangatira ESOL	✓ English * Japanese * Languages via FarNet ✓ Te Reo Māori * Junior Maori Arts * Te Reo Rangatira ESOL	✓ English * Japanese * Languages via FarNet ✓ Te Reo Māori * Junior Maori Arts * Te Reo Rangatira ESOL	✓ English * Japanese * Languages via FarNet ✓ Te Reo Māori * Junior Maori Arts * Te Reo Rangatira ESOL	✓ English Language & Communication English Literacy Japanese Languages via FarNet Senior Māori Arts Te Reo Rangatira ESOL	English Language & Communication Japanese Languages via FarNet Senior Māori Arts Te Reo Rangatira ESOL	English + English Language & Communication Japanese + Languages via FarNet Senior Māori Arts Te Reo Rangatira + ESOL	English + English Language & Communication Japanese + Languages via FarNet Senior Māori Arts Te Reo Rangatira + ESOL	English + English Language & Communication Japanese + Languages via FarNet Senior Māori Arts Te Reo Rangatira + ESOL	English + English Language & Communication Japanese + Languages via FarNet Senior Māori Arts Te Reo Rangatira + ESOL
<b>Mathematics</b>	✓ Mathematics	✓ Mathematics	✓ Mathematics	✓ Mathematics	Mathematics with Externals Mathematics with Internals Mathematics Numeracy	Mathematics with Externals Mathematics with Internals Mathematics Numeracy	Mathematics + Mathematics with Internals + Statistics +	Mathematics + Mathematics with Internals + Statistics +	Mathematics + Mathematics with Internals + Statistics +	
<b>Sciences</b>	* Agriculture/Horticulture ✓ Science	* Agriculture/Horticulture ✓ Science	* Agriculture/Horticulture ✓ Science	* Agriculture/Horticulture ✓ Science	Agriculture/Horticulture Science Science	Agriculture/Horticulture Science Biology Chemistry Physics Science Bridging Forestry Primary Industries	Agriculture/Horticulture (FarNet) + Science + Biology + Chemistry + Physics + Forestry	Agriculture/Horticulture (FarNet) + Science + Biology + Chemistry + Physics + Forestry	Agriculture/Horticulture (FarNet) + Science + Biology + Chemistry + Physics + Forestry	
<b>Social Sciences</b>	* Start Your Own Business * The World of Money	* Start Your Own Business * The World of Money	* Start Your Own Business * The World of Money	* The World of Business * Money Wise	Accounting Business Studies Economics	Accounting Business Studies Economics Personal Financial Management Sales & Customer Service Tourism & Travel Classical Studies Geography Getting Work Ready History	Accounting + Business Studies + Economics + Personal Financial Management Sales & Customer Service Tourism & Travel Classical Studies + Geography + History + Psychology +	Accounting + Business Studies + Economics + Personal Financial Management Sales & Customer Service Tourism & Travel Classical Studies + Geography + History + Psychology +	Accounting + Business Studies + Economics + Personal Financial Management Sales & Customer Service Tourism & Travel Classical Studies + Geography + History + Psychology +	
<b>Technology</b>	* Design & Visual Communication * Digital Technology ✓ Materials Technology	* Design & Visual Communication * Digital Technology ✓ Materials Technology	* Design & Visual Communication * Digital Technology ✓ Materials Technology	* Design & Visual Communication * Digital Technology * Electronics * Product Design * Materials Technology	Design & Visual Communication Digital Technology Digital Literacy Electronic Products Product Design Advanced Engineering Woodwork Engineering Trade Academy	Design & Visual Communication Digital Technology Digital Literacy Electronic Products Product Design Advanced Engineering Woodwork Engineering Trade Academy	Design + Visual Communication + Digital Technology + Electronic Products Product Design Pre-trade Engineering & Automotive Pre-trade Woodwork Engineering Trade Academy	Design + Visual Communication + Digital Technology + Electronic Products Product Design Pre-trade Engineering & Automotive Pre-trade Woodwork Engineering Trade Academy	Design + Visual Communication + Digital Technology + Electronic Products Product Design Pre-trade Engineering & Automotive Pre-trade Woodwork Engineering Trade Academy	

## POINTS TO NOTE

### YEAR 9

Students study English, Science, Social Studies, Mathematics, Physical Education, Health and Materials Technology for the full year. Te Reo Māori and a choice of either Art, Drama or Music, are studied for half a year.

Students also select two option subjects\* which are studied for half a year.

### YEAR 10

Students study six compulsory subjects and three option subjects\*. Please select a spare subject.

### YEAR 11

Mathematics and English are compulsory. Students study six subjects all year. Please select a spare subject.

### YEAR 12

Students select six subjects and a spare subject. It is important to identify subjects that lead to the trades and those that prepare students for University Entrance. It is possible to repeat Level 1.

### YEAR 13

Students select five subjects and a spare. They may also select from Years 11 and 12 subjects.

## SUPPORTED LEARNING

Extra learning support in a safe environment for those who do not cope with the structure of secondary school.

These subjects are compulsory \* Option subjects + Approved subjects for University Entrance  
**FarNet** is learning via the internet and ZOOM. It is similar to Correspondence but with more tutor and class interaction. Students also receive one-on-one assistance from a trained teacher.



# ADDITIONAL PATHWAYS OF LEARNING

## FARNET

FarNet is available to domestic and international students. Students study via a mix of the internet and Google Hangout lessons with a distance tutor. FarNet is available where students have a clash of two timetabled subjects and both compliment their learning pathway. FarNet may also be available where Whangarei Boys' High School is not offering a subject that interests the student eg a Language.

Once a week the boys converse online with their tutor and students in other schools. Other learning activities are accessed online during the rest of the timetabled classes.

## TE KURA (THE CORRESPONDENCE SCHOOL)

This is offered to students online who have New Zealand Citizenship and are wanting a subject where Whangarei Boys' High School does not have a class. Boys work in a supervised classroom and have access to one-on-one teacher assistance.

**Te Kura** and **FarNet** students need to meet pre-requisites and must be self-directed.

**Contact persons:** Mrs Miller & Deans

## GATEWAY

This is structured workplace learning, mostly for students in Years 12 and 13. They experience an unpaid placement in a work place which interests them for one day each week for six to ten weeks. The work placement may occur during the school holidays. Boys should express their interest in a Gateway placement when they select their subjects.

Examples are:

- Trades Engineering
- Retail
- Electrical
- Plumbing
- Sport & Recreation
- Building
- Computing
- Automotive

**Contact persons:** Mrs Draper & Deans

## TRADE ACADEMIES

Whangarei Boys' High School has opportunities in the Trades Academies available in Engineering, Cookery, Automotive, Civil Construction, Design, and Primary Industries.

The fulltime L1 or L2 Engineering Trade Academy (ENAC) is delivered onsite at Whangarei Boys' High School. Boys are enrolled in English and Mathematics with the remainder of the time designing and building Engineering and Automotive projects.

The other academies are one or two days delivered at NorthTec, The Design School or Wilson Trade Academy (new for 2021).

To be considered for a place in a Trades Academy boys need to have a conversation with one of their Deans or a Trades Academy Coordinator and select Pre-trade Engineering & Automotive, and Business Studies or Personal Financial Management and Mathematics, English and Science.

Students accepted into the **Primary Industries Trade Academy** study aspects of the industry as a whole in class but also have many opportunities for active learning in areas such as Pest Control, Fencing, Chainsaw Use & Safety, Work Safe & First Aid, Riparian Planting, and Pollution Control. To be considered for a place in the Primary Industries Academy boys must select the Primary Industry subject and show a genuine interest in this industry.

**Contact persons:** Mrs P. O'Leary, Miss D. Thompson, & Deans

# VOCATIONAL PATHWAYS

## Creative, Cultural & Recreational Industries

- Actor
- Advertising Executive
- Animator
- Artist
- Copywriter
- Fashion Designer
- Graphic Designer
- Musician
- Photographer
- Publisher
- Stage/Set Designer
- Web Designer

## Health, Community & Social Industries

- Ambulance Officer
- Chiropractor
- Counsellor
- Dentist
- Doctor
- Educator
- Nurse
- Osteopath
- Pharmacist
- Physiotherapist
- Surgeon
- Social Worker

## Services Industries

- Aviation
- Bar Manager
- Baker
- Chef
- Customs Officer
- Firefighter
- Hairdresser
- Hospitality Worker
- Cleaner
- Police Officer
- Retail Salesperson
- Hotel/Restaurant Manager
- Travel Agent

## Primary Industries

- Animal Attendant
- Beekeeping
- Dairy Farmer
- Ecologist
- Forestry
- Fishery Officer
- Horticultural Worker
- Landscape Gardener
- Marine Biologist
- Microbiologist
- Winemaker
- Veterinarian

## Construction & Infrastructure Industries

- Architect
- Builder
- Carpenter
- Driller
- Electrician
- Glazier
- Mining
- Planner
- Plumber
- Roading
- Roofing
- Surveyor

## Manufacturing, Engineering, Logistics & Technology Industries

- Automotive
- Boat Builder
- CAD Operator
- Designer
- Truck Driver
- Engineer
- Fabrication
- Machine Operator
- Photographer
- Fork-lift Operator
- Programmer
- Technician
- Telecommunications
- Website Developer



Note: English and Mathematics are compulsory until NCEA Level 1.  
It is important to include English, Mathematics and Science for most career options.

- |                         |                 |                      |                            |
|-------------------------|-----------------|----------------------|----------------------------|
| • Drama                 | • Media Studies | • DVC                | • Maths                    |
| • Dance                 | • Art Design    | • Science            | • Biology                  |
| • Māori Performing Arts | • Art           | • Digital Technology | • Outdoor Education        |
| • Music                 | • Photography   | • Physical Education | • Sales & Customer Service |

- |             |             |                  |              |
|-------------|-------------|------------------|--------------|
| • Science   | • Physics   | • Social Studies | • Psychology |
| • Health    | • Biology   | • History        | • Statistics |
| • Chemistry | • Language  | • Psychology     |              |
| • Maths     | • Geography | • Economics      |              |

- |                            |              |                      |               |
|----------------------------|--------------|----------------------|---------------|
| • Business Studies         | • Accounting | • Languages          | • Hospitality |
| • Economics                | • Geography  | • Digital Technology | • Psychology  |
| • Sales & Customer Service | • Tourism    | • Science            |               |

- |                                |              |                      |
|--------------------------------|--------------|----------------------|
| • Agriculture/<br>Horticulture | • Chemistry  | • Primary Industries |
| • Economics                    | • Accounting | • Biology            |
| • Science                      | • Forestry   | • Business Studies   |

- |             |              |                            |                         |
|-------------|--------------|----------------------------|-------------------------|
| • Woodwork  | • Automotive | • Geography                | • Language Rich Subject |
| • DVC       | • Science    | • Sales & Customer Service | • Calculus              |
| • Metalwork | • Physics    | • Digital Technology       |                         |
| • Maths     | • Chemistry  |                            |                         |

- |             |                      |                         |               |
|-------------|----------------------|-------------------------|---------------|
| • Maths     | • Physics            | • Language Rich Subject | • Woodwork    |
| • Sciences  | • Chemistry          | • Geography             | • Calculus    |
| • Metalwork | • Digital Technology | • Automotive            | • Electronics |



## ARTS FACULTY

### ART (9ART)

This course provides students with skills and competencies to be creative, expressive and communicate visual ideas about self, community and culture.

**Duration:** Half year

**Cost:** Take home component \$10

**Contact person:** Mrs V. Luders

### DRAMA (9DRA)

A practical course introducing the subject. In Term 1 the emphasis is on focus, concentration and working cooperatively. Students will learn mime techniques and use these to create their own group drama. In Term 2 students will learn basic theatre skills, looking closely at the technical application of; use of voice, body, movement, and space. Students will rehearse and perform a short, scripted scene.

**Duration:** Half year

**Contact person:** Ms F. Churcher

### MUSIC (9MUS)

This is an option subject that focuses on practical components of music making and develops existing musical skills.

**Assessment:** Performance based assessment in practical and music knowledge skills.

**Duration:** Half year

**Entry requirement:** Some music experience in drums, guitar, keyboards or vocals is ideal, but an interest in Music is essential. Students are able to have free instrumental lessons on the Itinerant Music Programme.

**Contact person:** Ms V. Hill

## HEALTH & PHYSICAL EDUCATION FACULTY

### HEALTH (9HLT)

This course helps students:

- Develop the knowledge, understandings, skills and attitudes needed to maintain and enhance personal health and physical development
- Develop understandings, skills and attitudes that enhance interactions and relationships with other people
- Participate in creating healthy communities and environments, by taking responsible and critical action

**Duration:** Full year

**Contact person:** Mrs D. Cooper

### OUTDOOR EDUCATION (9OED)

This course introduces students to the skills involved in outdoor activities and taking Outdoor Education in the senior school.

Topics covered may include:

- Team work
- Slack lining
- Communication
- Problem solving
- Navigation
- Bush craft

**Duration:** Half year

**Contact persons:** Mr S. Huurnink & Mr J. Thomas

### PHYSICAL EDUCATION (9PE)

This course aims at providing learning experiences in a range of physical activities. It is the first of a two year junior Physical Education programme aimed at Level IV of the Health and Physical Education curriculum.

**Duration:** Full year

**Contact person:** Mr J. Thomas

### SPORTS SPECIFIC TRAINING (9SPT)

This course covers the aspects of becoming a better athlete with relevance to the student's chosen sporting code. It is not a high performance course where students take time out of school to train. The course aims at assisting a student to become a fitter, faster and stronger athlete (in most sports), and better prepare him to perform on competition day.

This course will cover:

- Baseline fitness testing: including height; weight; speed; agility testing; vertical leap; strength testing
- Basic biomechanics/anatomy
- Injury prevention: rehab, injury treatments, stretching techniques (static, dynamic & PNF)
- Principles of training
- Undertake an inquiry assessment task

**Duration:** Half year

**Contact persons:** Mr J. Thomas & Mr L. Jones

## LANGUAGES FACULTY

### ENGLISH (9ENG)

The English curriculum is based on the three language strands - oral language (listening and speaking), written language (reading and writing) and visual language (viewing and presenting).

These language strands are interwoven into the units studied at Year 9 level.

**Duration:** Full year

**Contact persons:** Mrs K. Trimmer & Mr M. Nogher

### ESOL (9ESL)

This is a basic English language course which covers reading, writing, listening, speaking and grammar skills.

This course is designed to give students English communication skills and to increase their confidence in using English in everyday situations as well as in the classroom setting to access the New Zealand curriculum.

**Duration:** Full year

**Entry requirement:** Pre-entry test

**Contact person:** Mr R. Atkinson

### JAPANESE (9JAP)

This course gives the student an introduction to the language and culture of Japan.

Topics covered are:

- Mastery of the Hiragana syllabary and introduction to Katakana and Kanji
- Introducing myself
- Time, dates and numbers
- Classroom language
- Descriptions

**Duration:** Half year

**Contact person:** Mrs D. Williamson

### JUNIOR MAORI ARTS (9JMA)

This course provides a cross curricular theme of Maori Drama, Performance, Visual Arts and Tikanga and serves as a strong starting point for NCEA achievement. Junior Maori Arts also creates a pathway to senior Maori Visual and Performing Arts and complements Te Reo Rangatira.

**Duration:** Half year

**Contact persons:** Mr W. Cooper & Mr K. Manuel

### LANGUAGES via FarNet (9LANf)

These courses cater for students who wish to study languages that are not currently available in WBHS, or who wish to gain qualifications in their first or second language. Dependent on their ability students may study an introductory programme or complete internal and external NCEA assessments. FarNet offers a range of courses in French, German, Korean, Mandarin, Samoan, Spanish and Tongan. Please contact me if you require information about other languages you might wish to study.

Boys study in a supervised class with access to the required learning resources.

**Duration:** Full year

**Cost:** \$30 to be paid at the start of term 1 for access to Education Perfect as an online language resource used by FarNet tutors.

**Contact person:** Mrs D. Miller





## TE REO MĀORI (9TRM)

This course comprises basic Te Reo and Tikanga. Students will be able to gain confidence and competence in speaking, listening, reading, writing, presenting and viewing Te Reo Māori in familiar contexts.

- Basic introductions and greetings
- Family, home and school
- Legends, customs, Māori games and pastimes

Boys will perform the school waiata and haka, whilst learning Te Tai Tokerau history and become familiar with kaupapa Māori such as powhiri, basic conversation and marae protocols. An advanced level is embedded for students with a depth of prior knowledge of these aspects.

**Duration:** Half year

**Contact person:** Mr W. Cooper

## TE REO RANGATIRA (9TRR)

This full year course is an initial pathway to Level 1 NCEA Te Reo Māori. It builds on existing skills but with a more explicit focus on grammar and vocabulary.

Topics covered include:

- Toku ake pepeha (Identification)
- Whakapapa (Family tree)
- Tikanga Māori
- Foundation vocabulary and grammar focus
- Local Whangarei and Northland Māori history

**Duration:** Full year

**Contact person:** Mr W. Cooper

## MATHEMATICS FACULTY

### MATHEMATICS (9MAT)

Year 9 Mathematics explores and develops the ideas and content from Levels 3, 4 and 5 of the New Zealand Mathematics Curriculum. Learning will occur within a variety of meaningful contexts to help develop the ability and inclination to use mathematics and statistics to solve problems.

The topics taught in Year 9 are:

- Number
- Geometry
- Algebra
- Statistics and Probability
- Tables, Patterns and Graphs
- Measurement

**Duration:** Full year

**Equipment recommended:** Calculator

**Contact person:** Mr A. Kitson

## SCIENCE FACULTY

### AGRICULTURE/ HORTICULTURE (9AHS)

This is an introduction to Agriculture and Horticulture. It helps to give students a lifelong appreciation of growing plants successfully for profit or pleasure. Hands-on growing of plants from seeds and parts of plants as well as theory aspects of the successful growing of plants will be taught:

- Seeds
- Cuttings
- Soils
- Weeds
- Ornamental plants
- New Zealand native plants
- Conservation
- Uses of plants
- Herbs & landscaping
- Vegetable growing
- Fruit tree husbandry

**Duration:** Half year

**Contact person:** Mr D. Jennings

### SCIENCE (9SCI)

Introduction to the use of equipment and safety in a science laboratory, followed by topics from the strands:

- The Living World
- The Material World
- The Physical World
- Planet Earth and Beyond

**Duration:** Full year

**Cost:** Kiwi Science Competition approx. \$15 (optional). There may be a cost for resources.

**Contact person:** Mr S. Kumar

## SOCIAL SCIENCE FACULTY

### ANCIENT MYTHOLOGY (9MYT)

Interested in ancient Egyptian, Greek, Māori and Norse mythology? This course introduces you to the ancient world's mythologies and the cultures they come from.

In this course, students will learn valuable research and literacy skills.

**Duration:** Half year

**Contact person:** Mr R. Burrows

### SOCIAL STUDIES (9SOS)

Social Studies helps students understand their world and gives them the skills and knowledge to play their part in society as active, socially conscious citizens. Skills will be developed through inquiry, values exploration and decision-making activities. Current events are monitored throughout the year.

Five major units of learning are covered:

- Our Place - Tūrangawaewae
- Disaster Responses
- Systems of Government
- Cultural Interaction
- Impacts of Tourism

Includes fieldtrips to Tawatawhiti and Trounson Kauri Park.

**Duration:** Full year

**Contact person:** Mr J. Warren

### START YOUR OWN BUSINESS (9BUS)

This course provides a platform to unlock your entrepreneurial flair. In a supported environment students work in teams to develop an innovative product idea and launch it into the market.

Some key content areas are:

- Researching the market
- Developing a marketing strategy
- Financial projections
- Fundamentals of customer service
- Product launch

**Duration:** Half year

**Contact person:** Ms K. Price

### THE WORLD OF MONEY (9MNY)

This course offers an exciting introduction to the world of money.

In this subject students will discover:

- How money has evolved as a medium of exchange
- Ways of generating income and the factors affecting household spending
- How to create and manage a simple budget
- How to evaluate short term and long term savings options
- How our values impact on our economic decisions

**Duration:** Half year

**Contact person:** Ms K. Price

## SUPPORTED LEARNING FACULTY

### SUPPORTED LEARNING

A Supported Learning class operates in Year 9 for boys who have learning challenges or who do not cope well with the structure of secondary school learning.

This class gives students who need extra help to cope with the secondary school curriculum, the maximum opportunity to find success.

Students receive extra learning support and develop positive relationships with their teacher in a stable, secure learning environment.

**Contact person:** Ms M. Stanish

## TECHNOLOGY FACULTY

### DESIGN & VISUAL COMMUNICATION (9DVC)

This course establishes the basics of being able to read and draw plans, diagrams and other graphic information. DVC is an integral part of the Technology curriculum and it provides a fresh challenge to students at all levels.

More specifically, students will:

- Learn a range of presentation techniques; such as Freehand drawing, rendering, instrumental drawing skills and CAD; namely Google Sketchup and 2D Design
- Be exposed to a variety of challenges and creative experiences
- Learn to communicate ideas clearly and precisely
- Learn the language of visual communication
- Understand and apply conceptual design and development
- Learn accurate measurement

**Duration:** Half year

**Equipment required:** A4 clear file and eraser

**Cost:** Take home component \$5 (approx.)

**Contact person:** Mr P. Yeoman

### DIGITAL TECHNOLOGY (9DGT)

This course establishes the basics of digital literacy including being able to manage and backup your files, how to stay safe online, how to use basic word processing and spreadsheet applications, and the basics of programming.

Students will cover:

- File Management - how to save and retrieve files, learn a file naming system, save and retrieve files from the cloud and how to zip and unzip files
- Word Processing - how to use the basics of a word processor
- Spreadsheets - how to use the basics of a spreadsheet
- Cyber Safety / Online Interactions - how to stay safe re information you provide on the internet and things you publish on the internet, and how it could be viewed
- Scratch Programming - this is a visual programming language that will give students a good introduction into programming. They will make a game while learning the basic structures and terminology of programming

**Duration:** Half year

**Equipment required:** It would be advantageous for students to have access to a computer at home and a 4GB flash drive which will be useful for them all through school.

**Contact person:** Mr J. Clark

### MATERIALS TECHNOLOGY (9TMT)

Students will study techniques and processes used to address problems which require a technological solution. This course is semester based and half of the year will focus on Structures and Mechanisms, Electronics and Control (9TES), and the other half of the year on Production Materials and Process (9TMP), as well as building safe workshop skills and practice.

Drawing and model building will reinforce the theoretical aspects of the course while hands on projects will allow students to put what they learn into practice. Students will spend one term each in the wood and metal workshops. Other projects will be based in specialist Electronics and Digital Technology rooms. This course begins the on-going emphasis that the Technology Faculty places on preparing students to make informed employment choices.

**Duration:** Full year

**Cost:** Take home component \$12 (approx.)

**Contact person:** Mr J. Anderson







# WHANGĀREI BOYS' HIGH SCHOOL

DEVELOPING BOYS INTO FINE MEN

## CONTACT US

**P** +64 9 430 4170

**E** [enquiries@wbhs.school.nz](mailto:enquiries@wbhs.school.nz)

Kent Road, Regent, Whangārei 0112

PO Box 5034, Whangārei 0140

**[wbhs.school.nz](http://wbhs.school.nz)**

