

YEAR 10

WHANGAREI BOYS' HIGH SCHOOL



Curriculum Guide 2019



Vocational Pathways

CREATIVE INDUSTRIES

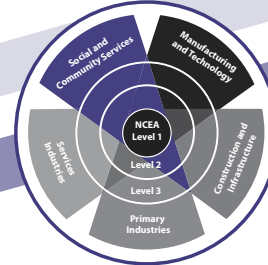
- Actor
- Advertising Executive
- Animator
- Artist
- Copywriter
- Fashion Designer
- Graphic Designer
- Musician
- Photographer
- Publisher
- Stage/Set Designer
- Web Designer



Vocational Pathways

SOCIAL AND COMMUNITY SERVICES

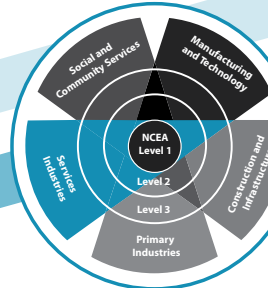
- Ambulance Officer
- Chiropractor
- Counsellor
- Dentist
- Doctor
- Educator
- Nurse
- Osteopath
- Pharmacist
- Physiotherapist
- Surgeon
- Social Worker



Vocational Pathways

SERVICES INDUSTRIES

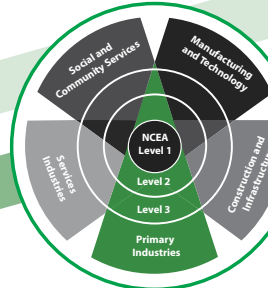
- Aviation
- Bar Manager
- Baker
- Chef
- Customs Officer
- Firefighter
- Hairdresser
- Hotel Manager
- Police Officer
- Retail Salesperson
- Restaurant Manager
- Travel Agent



Vocational Pathways

PRIMARY INDUSTRIES

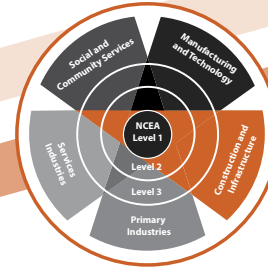
- Animal Attendant
- Beekeeping
- Dairy Farmer
- Ecologist
- Forestry
- Fishery Officer
- Horticultural Worker
- Landscape Gardener
- Marine Biologist
- Microbiologist
- Winemaker
- Veterinarian



Vocational Pathways

CONSTRUCTION AND INFRASTRUCTURE

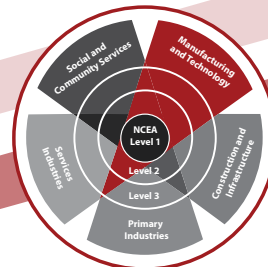
- Architect
- Builder
- Carpenter
- Driller
- Electrician
- Glazier
- Mining
- Planner
- Plumber
- Roading
- Roofing
- Surveyor



Vocational Pathways

MANUFACTURING AND TECHNOLOGY

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



Welcome to our Curriculum Guide 2019

This publication contains all courses for one year level at Whangarei Boys' High School. Other year levels are available online at www.wbhs.school.nz or by request. After careful consultation with parents/caregivers and following academic guidance with Whanau Teachers and/or Deans, our students are able to take a long term view to their academic planning, to see how subject areas develop and where they lead. To this end, subjects are laid out by year levels, containing to-the-point descriptions of the subject and in the case of the senior year levels, concise statements of the assessments for the subject. It is important to note that in the senior school, the listed subjects run conditional on the number of students taking that class. During the academic guidance process, students may select a subject which, due to very low numbers, may not be included in the 2019 timetable. In those cases, students will be asked to re-select. Acceptance in a subject may, in some cases, be dependent on a student's level of positive engagement with learning.

Of importance in the junior school (Years 9 and 10) is that all students study English, Mathematics, Science, Health, Physical Education and Social Studies.

At Years 11 through to 13, all Achievement Standards and Unit Standards credit to the National Certificate of Educational Achievement at Levels 1, 2 or 3. Subjects considered compulsory in the senior school are English and Mathematics at Year 11.

The Curriculum broadens at senior level to include a number of courses, which offer students opportunities to follow specific vocational interests. The Gateway and Academy programmes are also available to senior students. They allow students to gain practical experience and assessment in the workplace. They also assist students to decide on their preferred type of employment and, in some cases, for employers to look at them as prospective employees. Many of these students are offered an apprenticeship.

The selection of subjects is an important process, one that requires the input of parents, caregivers and staff alike. We know that you and your son will take the time to examine carefully the information contained within.

Subject Selection Evening for students and parents/caregivers to discuss subject selection for 2019 will be held at **5.30 – 7.30pm** on **1 August 2018**, in the School Hall.

For current students subject selection can be entered via the KAMAR portal between **1 – 8 August 2018** and parents will be sent details of how to do this. Otherwise, by appointment with the Deans.

For students new to the school in 2019, Deans are available by appointment for subject discussion and selection.

As the Curriculum continues to evolve and respond to new challenges and needs, we invite feedback and suggestions. Please feel free to contact the Curriculum Committee, via the Deputy Principal. The National Curriculum offers the flexibility for schools to tailor programmes to the strengths and needs of their communities.

We trust that along with our academic guidance, our Curriculum Guide 2019 will inform and assist you with the important planning and decision-making for future learning.

Yours sincerely

K. Gilbert-Smith
PRINCIPAL

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IMPORTANT DATES

2018

Wed	1	Aug	Subject Selection Evening 5.30pm - 7.30pm For students in Years 9 - 12 selecting 2019 subjects Senior staff, Head of Faculty staff, and Deans will be available to discuss subject selection with students and parents/caregivers
Thurs	2	Aug	Year 8 Open Evening 4.30pm - 7.00pm for students and parents/caregivers 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	8	Aug	Final day for online subject selection via parent portal - for Years 9 - 12 students selecting 2019 subjects
Wed - Thurs	22 - 23	Aug	Year 8 Enrolment Interviews in the School Hall - bookings are made through the School Office
Mon - Fri	27 - 31	Aug	Senior Assessments trial examinations
Wed	26	Sept	Senior Interim Reports issued
Mon	29	Oct	Years 11 – 13 students issued with exam slips during period 1
Thurs	1	Nov	Senior Prize-giving 7.00pm (WGHS Gym)
Wed	7	Nov	NCEA examinations start
Thurs	6	Dec	Leavers' Ball
Fri	14	Dec	Junior Prize-giving (reports issued)

2019

Mon - Tue	21 - 22	Jan	All Year 13 Prefects/Senior Leaders – Leadership/Mentoring Training
Tue - Thurs	22 - 24	Jan	Years 9 – 13 Deans available for subject consultation for all returning students and new enrolments
Mon	28	Jan	Northland Anniversary Day All Year 9 Boarders and Hostel Prefects in Carruth House by 3.00pm
Tue	29	Jan	Years 9 & 13 students attend school. Powhiri at 9.00am Years 10 – 13 Deans available at 11.00am for course changes
Mon	4	Feb	All students attend school
Wed	6	Feb	Waitangi Day

Useful Websites

Vocational Pathways – www.youthguarantee.net.nz

Careers New Zealand – www.careers.govt.nz

Occupation Outlook app - <https://play.google.com/store/apps/details?id=com.fronde.occupationaloutlook&hl=en>

Just the Job - www.justthejob.co.nz

Student loans and allowances - www.studylink.govt.nz

Fees Free, Tertiary Education Committee - www.feesfree.govt.nz



ACADEMIC COURSES 2019

POINTS TO NOTE	FACULTY	YEAR 9	YEAR 10	YEAR 11 - LEVEL 1	YEAR 12 - LEVEL 2	YEAR 13 - LEVEL 3
<p>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.</p> <p>YEAR 10 Students study six compulsory subjects and three option subjects*. Please select a spare subject.</p> <p>YEAR 11 Mathematics and English are compulsory. Students study six subjects all year. Please select a spare subject.</p> <p>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.</p> <p>YEAR 13 Students select five subjects and a spare. They may also select from Years 11 and 12 subjects.</p> <p>SUPPORTED LEARNING Extra learning support in a safe environment for those who do not cope with the structure of secondary school.</p>	The Arts	* 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 +
	Health & Physical Education	✓ 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
	Languages	✓ English * Japanese * Languages via FarNet (by application) ✓ Te Reo Māori * Te Reo Rangatira ESOL	✓ English * Japanese * Languages via FarNet (by application) * Te Reo Rangatira ESOL	✓ English Language & Communication English Literacy Japanese Languages via FarNet (by application) Senior Māori Arts Te Reo Rangatira ESOL	English Language & Communication Japanese Languages via FarNet (by application) Senior Māori Arts Te Reo Rangatira ESOL	English + English Language & Communication Languages via FarNet (by application) Senior Māori Arts Te Reo Rangatira + ESOL
	Mathematics	✓ Mathematics	✓ Mathematics	✓ Mathematics Mathematics Bridging Mathematics Numeracy	Mathematics Mathematics Bridging	Calculus + Mathematics + Statistics +
	Sciences	* Agriculture/Horticulture ✓ Science	* Agriculture/Horticulture ✓ Science	Agriculture/Horticulture Science Science Bridging Primary Industries	Agriculture/Horticulture Science Biology Chemistry Physics Science Bridging Forestry Primary Industries	Agriculture/Horticulture (FarNet) + Science + Biology + Chemistry + Physics + Forestry Level 4 Professional Engineering
	Social Sciences	* Start Your Own Business * The World of Money * Classical Studies ✓ Social Studies	* The World of Business * Money Wise * Classical Studies ✓ Social Studies	Accounting Business Studies Economics Personal Financial Management Classical Studies Geography 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 +
	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 Advanced Woodwork	Design & Visual Communication Digital Technology Electronic Products Product Design Pre-trade Engineering Pre-trade Woodwork Automotive Trades Engineering Trade Academy	Design & Visual Communication + Digital Technology + Pre-trade Engineering Pre-trade Woodwork Automotive Trades

✓ These subjects are compulsory * Option subjects + Approved subjects for University Entrance

FarNet is learning via the internet and video conferencing. It is similar to Correspondence but with more tutor and class interaction. Students also receive one-on-one assistance from a trained teacher.



CAREER AREAS

The following information may assist with subject selection, however please note this is only a guide. Check with employers and/or tertiary providers to find out whether a subject is a requirement or is recommended.

CAREER / QUALIFICATIONS	LEVEL 1	LEVEL 2	LEVEL 3
Acting/Performing Arts (Many performing arts courses are now degrees so entry requires UE and an audition)	Drama Dance Maori Performing Arts	English & Drama Dance Media Studies Maori Performing Arts	English & Drama Dance Media Studies Maori Performing Arts
Agriculture/Farming/Fishing/Forestry/ Turf Management/ Horticulture Straight to employment & ongoing study with the Industry Training Organisation (ITO) up to Dip. Farm Management level or Diploma or Degree from Polytechnics, Massey or Lincoln Universities	Agriculture/Horticulture Primary Industries Science Accounting Economics	Agriculture/Horticulture Primary Industries Trade Academy Placement Accounting Biology & Chemistry UE Literacy	Primary Industries Trades Academy Placement Accounting &/or Economics Agriculture or Horticulture Biology & Chemistry Business Studies
Animation Diploma e.g. Techtorium or UE e.g. AUT course	Art Digital Technology Science	Art & Digital Technology UE Literacy or English Mathematics Science STAR Course	Art Digital Technology Science STAR Course
Apprenticeships / Cadetships (including Building, Plumbing, Civil Engineering, Electrical, Painting, Bricklaying, Roofing, Plastering, Trade Engineer, Scaffolding, Automotive, Boat Building)	Science DVC Metalwork or Woodwork Science	Mathematics DVC Gateway or Trade Academy Placement Metalwork or Woodwork Science	Mathematics & English DVC Gateway or Trade Academy Placement Pre-trade Metal or Wood Science
Armed Services: Army, Navy, Air Force Specific requirements depend on the trade or career selected See www.defencecareers.mil.nz Officer Training requires UE	Science Digital Technology Metalwork or Woodwork	English & Mathematics Biology/Chemistry/Physics DVC Health Metalwork or Woodwork	University Entrance with relevant subjects, abilities and experience for Officer Training e.g. Medicine/ Professional Engineering Pre-trade Metal/Wood
Architectural Draughting Diploma courses - at least 35 credits in 3 subjects at L2, NorthTec course	DVC Science	English & Mathematics DVC Gateway	
Architecture UE and portfolio of art work	Art and/or DVC Science	Mathematics UE Literacy Physics	Art and/or DVC Calculus Physics, maybe Chemistry Language Rich Subject
Art/Design Certificates/Diplomas - good L1 or L2 results and a portfolio of work Degrees - UE and a portfolio	Art DVC Digital Technology	Art and/or DVC Art Design UE Literacy Digital Technology Mathematics	Art Art Design Digital Technology DVC Language Rich Subject
Automotive Engineering (Motor Mechanic)	Art (Car painting) Metalwork	Automotive Art (Car painting) Mathematics & Metalwork	
Building Professional • Construction Economist • Construction Management • Degree courses - UE required	Woodwork Science	English & Mathematics DVC/Woodwork Geography Physics	Calculus Physics Business Studies Pre-trade Wood
Business • Diplomas - 48 credits in best 4 L2 subjects • Degrees - BCom, BBus UE required	Accounting Economics	English Mathematics Accounting Economics Business Studies	Statistics for Economics majors Business Studies Language Rich Subject
Catering/Chef/Cook/Baking • Apprenticeship • Diploma or UE course AUT or QRC in Paihia or Queenstown	Science	Chemistry Hospitality Sales & Customer Service Tourism	Hospitality Sales & Customer Service Tourism



CAREER / QUALIFICATIONS	LEVEL 1	LEVEL 2	LEVEL 3
Cleaner National Certificate Cleaning	Personal Financial Management Science	Personal Financial Management Sales & Customer Service Science STAR Course	Business Studies Sales & Customer Service Science Gateway Placement
Communications/Journalism • Bachelor of Arts Degree - UE • Communications Degree • Certificate and Diploma L2 credits		English Classical Studies Geography & History Health & Psychology Media Studies	English Classical Studies Geography & History Health & Psychology Media Studies
Computing/ Computer Engineering • Certificates - L2 credits • Diplomas - L2-L3 credits • Degrees - UE plus	Digital Technology	English Mathematics Digital Technology	Mathematics/ Calculus Physics Language Rich Subject Digital Technology
Dentistry University Entrance Otago University - First year Medicine	Science	Biology Chemistry Health Physics Mathematics	Biology & Chemistry Health Physics Statistics
Engineering Professional • Diplomas - 14 L2 credits in each of Mathematics and Physics and 14 credits in L1 English • Degrees - UE plus extra requirements Calculus & Physics	Digital Technology Metalwork Science	English Geography Mathematics Metalwork Physics & Chemistry	Calculus Chemistry Language Rich Subject Physics
Flight Attendant Also known as Air Steward/ Cabin Crew	Languages Social Studies Geography Health	Health Geography Languages Psychology Sales & Customer Service Tourism	Health Languages Sales & Customer Service Tourism
Food Technology	Science	UE Literacy Mathematics Biology Chemistry	Biology Business Studies Chemistry Statistics
Graphic Design Diplomas & Degrees	Art Digital Technology	English / UE Literacy Art/DVC Art Design Photography Digital Technology	Art/DVC Art Design Digital Technology Photography
Hairdressing	Science Art	Art Sales & Customer Service Science	
Health Sciences Includes: Nursing, Med Lab Science, Occupational Therapy, Physiotherapy, Paramedics, Medical Imaging, Osteopathy, Medicine, Podiatry, Oral Health, Chiropractor	Science Health Human Biology (Te Kura)	Chemistry & Biology UE Literacy Health Physics Mathematics	Mathematics/Calculus/ Statistics Chemistry & Biology Health Physics Language Rich Subject
Hospitality (Hotel and Restaurant Work, Tourism, Hotel Reception) Diploma or Degree - Polytechnics, QRC	Accounting & Economics Science	Accounting & Economics Digital Technology English & Science Mathematics Sales & Customer Service Tourism	Accounting & Economics Mathematics Science Sales & Customer Service Tourism
Landscape Design/Architecture UE and a portfolio	Science Art/DVC Horticulture	Science Art/DVC Horticulture	English Art/DVC
Law Legal Admin course offered at AUT Degree - Victoria, Canterbury, Auckland & Waikato Universities	Classical Studies	Classical Studies UE Literacy Geography/History	Classical Studies English Geography/History
Logistics & Driving Traineeship, Diploma or Degree Manukau Institute of Technology, NorthTec, Unitec, AUT, Massey University	Digital Technology Gateway placement STAR Course Science	Mathematics Digital Technology Sales & Customer Service Science & UE Literacy	Business Studies Science

CAREER / QUALIFICATIONS	LEVEL 1	LEVEL 2	LEVEL 3
Manufacturing/Technology Straight to employment or Certificates, Diplomas Boat building, Jeweller, Civil or Chemical Engineer, Production Manager, Winemaker, Game Developer, Baker, Forensic Scientist, Operator	Mathematics Metalwork Woodwork Science	Mathematics Metalwork Woodwork Science UE Literacy or English Gateway	Pre-trade Engineering Mathematics Science
Medicine Doctor/Surgeon/Pharmacist Only offered at Auckland and Otago Universities	Science Human Biology	Biology & Chemistry Physics UE Literacy Mathematics	Biology & Chemistry Physics Language Rich Subject Mathematics/Calculus/ Statistics
Medical Laboratory Science	Science	Mathematics Biology Chemistry	Biology Chemistry Mathematics/Statistics
Music Self-employment or Degree Audition, portfolio	Music	Mathematics Music UE Literacy	Language Rich Subject Music
Office Administration Many courses are at degree level NorthTec, Unitec	Digital Technology	Mathematics Information Management STAR Course	
Photography Diploma & Degrees	Arts Digital Technology Visual Arts	UE Literacy Art Design &/or Visual Art Photography	Photography Art Design or Visual Art Photography
Psychology	Science	UE Literacy Biology & Chemistry Health & History Psychology	Language Rich Subject Health & Geography Psychology
Pilot	Science	English & Mathematics Physics	Calculus Physics
Retail • National Certificate in Retail • Butchery Apprenticeship • Sales & Marketing • Supply Chain Management	Accounting/ Economics Science	UE Literacy or English Gateway Mathematics Psychology Sales & Customer Service Tourism	Business Studies Statistics Sales & Customer Service Tourism
Sales & Retail	Accounting Economics Science	English & Mathematics Sales & Customer Service Business Studies	Sales & Customer Service Business Studies
Social Work	Social Studies Health History	UE Literacy Biology & Economics Health & History Psychology	Language Rich Subject Economics Health Psychology
Sound (Audio) Engineering	Science Music	Mathematics & Physics Music Digital Technology & Electronics	Physics Electronics Calculus
Sport and Recreation Diplomas or Degrees	Outdoor Education Physical Education Science	UE Literacy Biology & Mathematics Outdoor Education Physical Education Sales & Customer Service	Language Rich Subject Mathematics Physical Education Sales & Customer Service Science
Surveying Also consider Environmental Engineering, Landscaping etc.	Science	UE Literacy Mathematics Physics Geography	Calculus Geography Physics
Teaching For secondary teaching you need two teaching subjects to study at degree level		English, Mathematics, Science, History, Physical Education, French, Geography etc.	English, Mathematics, Science etc. Te Reo
Travel and Tourism	Geography Digital Technology Languages	Mathematics & English Digital Technology, Languages Geography / Tourism	Digital Technology Geography / Tourism Languages
Veterinarian/ Work with animals Degree level study is needed to become a vet. Diploma for Vet Nursing	Science	UE Literacy Mathematics Chemistry & Biology Physics (optional)	Language Rich Subject Mathematics Chemistry & Biology Physics (optional)

ADDITIONAL PATHWAYS OF LEARNING

TE KURA (The Correspondence School)

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

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. This arrangement is useful where students have a clash of two subjects in their timetable and both complement their learning pathway. FarNet may also be available where Whangarei Boys' High School is not offering a subject.

Once a week the boys interact with their tutor and students in other schools. Other learning resources are accessed online during the rest of the timetabled classes so students may also complete work at home in their own time. FarNet students must regularly submit work to their tutors for feedback. The boys are supervised at all times and have access to one-on-one teacher support.

It is unusual for a student to be accepted into a FarNet subject after Week Seven in Term One. Most school subjects are available to one or two boys where there is sufficient demand from schools. Examples of subjects outside Whangarei Boys' High School subjects are:

Level 3 Agriculture, Horticulture & Equine	Level 1, Level 2, & Level 3 Media Studies
Level 3 Social Studies	Level 3 Web Design
Year 9 – 13 Languages (see Languages Faculty)	Level 2 & Level 3 Hospitality

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

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 person: Mrs Draper

TRADE ACADEMIES

Whangarei Boys' High School has funded places in several Trade Academies and these occur where the school works with a tertiary provider to transition a student into study and work. The places involve focused learning in the senior school for the entire year and boys take related school subjects, attend field trips, and in some cases attend a work placement. Others attend one or two days with a tertiary provider such as NorthTec, G&H Training or The Design School. To be considered for a Trade Academy place, boys should select subjects from one of the lines below and have a conversation with one of their Deans or Careers staff.

- Year 12 & 13 - Pre-trade Engineering, **and** Automotive, **and either** Business Studies **or** Personal Financial Management
- Year 12 - a full time Engineering Academy is offered to boys who know that they want an apprenticeship in the metal trades
- Year 12 & 13 - Sales & Customer Service **and either** Business Studies **or** Personal Financial Management, **and** seriously consider Hospitality (FarNet)
- Year 11, 12 & 13 - Primary Industries

Contact person: Deans



YEAR 10 DEANS' LETTER



Year 10 students study the compulsory subjects of English, Mathematics, Science, Social Studies, Health, and Physical Education.

There will be one Supported Learning class with smaller numbers and consistent teaching across the compulsory subjects.

Compulsory Subjects

English
Mathematics
Science
Social Studies
Health
Physical Education

OPTION SUBJECTS - Choose THREE

Agriculture/Horticulture
Art
Classical Studies
Design & Visual Communication
Digital Technology
Drama
Electronics
Japanese
Languages via FarNet (mostly for a full year)
Materials Technology
Money Wise
Music
Outdoor Education
Product Design
Sports Specific Training
Te Reo Rangatira
The World of Business

In normal circumstances all options must be followed for the full year course; changing option classes is not practical and is discouraged. Students are encouraged to take a broad range of subjects.

During subject selection guidance is available from Whanau Teachers, Deans, subject teachers, and Careers staff at Whangarei Boys' High School.

YEAR 10 DEANS



ARTS FACULTY

ART (10ART)

This course is designed to extend students in the area of visual arts, giving a strong foundation in drawing, painting, printmaking and design. A range of exercises will encourage students to explore personal creativity and develop a wide range of skills.

Duration: Full year

Entry requirement: Year 9 Art or HoD discretion

Cost: Take home component \$50 (approx.)

Contact person: Mrs V. Luders

DRAMA (10DRA)

Students will continue to focus on working cooperatively. They will become familiar with dramatic elements, techniques and conventions. They will look at different theatre form. Students will have the opportunity to work with improvisation and script. They will devise and perform their own short performance.

At the discretion of the teacher, students may be offered the chance to attempt Level 1 Achievement Standard 90006: Apply drama techniques in a dramatic context.

Duration: Full year

Entry requirement: Satisfactory participation in Year 9 Drama

Cost: A contribution toward field trips may be required

Contact person: Ms F. Churcher

MUSIC (10MUS)

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

Entry requirement: Students must have been learning an instrument for at least one year. It is a requirement of the course that students are having lessons on an instrument throughout the year, either privately or on the itinerant music teaching programme. Students are strongly encouraged to be involved in a school based co-curricular activity and to attempt NCEA Level 1 Achievement Standards 91090 and/or 91091 in preparation for senior study.

Duration: Full year

Cost: A contribution towards field trips may be required

Contact person: Ms V. Hill

HEALTH & PHYSICAL EDUCATION FACULTY

HEALTH (10HLT)

This course assists 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 (10OED)

This course involves a variety of outdoor pursuits, with an emphasis on developing personal growth and technical skills. Topics covered may include:

- Adventure based learning
- Teamwork
- Problem solving
- Navigation
- Rock climbing
- Abseiling
- Kayaking
- Risk management
- Orienteering

Duration: Full year

Contact persons: Mr S. Huurnink & Mr Jt. Thomas

PHYSICAL EDUCATION (10PE)

This course builds on the learning experiences of the Year 9 course with continued emphasis on participation in a range of physical activities aimed at Level V of the Health and Physical Education curriculum.

Duration: Full year

Contact person: Mr Jt. Thomas

SPORTS SPECIFIC TRAINING (10SPT)

This course covers many similar aspects of the Year 9SPT content, with the intention of developing the individual's knowledge in more depth. It is preferred students of the 10SPT course have successfully completed the 9SPT course. An interview may be required if this is not the case.

This course will cover:

- Fitness testing
- A more comprehensive study of biomechanics and anatomy
- Sports nutrition
- Sports psychology
- Principles of training
- Exploring and developing a personal training programme

Duration: Full year

Contact persons: Mr L. Jones & Mr Jt. Thomas

LANGUAGES FACULTY

ENGLISH (10ENG)

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 strands are interwoven into the units studied.

At Year 10 level, units may focus more heavily on one strand than others. Trial assessments are carried out in preparation for Year 11.

Duration: Full year

Contact persons: Mrs K. Trimmer/Mr M. Nogher

ESOL (10ESL)

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 (10JAP)

This course gives the student an opportunity to increase their language skills and learn more about the culture of Japan.

Topics covered are:

- Mastery of the Katakana syllabary and further development of the Kanji script
- Classroom language
- Family and occupations
- Spare time activities
- Weather and seasons
- Descriptions

Duration: Full year

Contact person: Mrs D. Williamson

LANGUAGES via FarNet (10LANf)

These courses cater for students who wish to study languages that are not currently available in WBHS. The courses are also suitable for speakers of other languages who wish to gain qualifications in their first or second language. Dependent on their language ability students can 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: Mostly for a full year

Contact person: Mrs D. Miller

TE REO RANGATIRA (10TRR)

This course is for students with prior language learning. It builds and extends on existing skills.

Topics covered include:

- Ngā mihi (Speeches)
- Nga pūrongo (Reports)
- Nga kai Māori (Māori food)
- Nga kēmu pai ki ahau (Sports I like)
- Tāngata rongonui (A well-known personality)
- Tōku ao (My world)

Duration: Full year

Entry requirement: Year 9 Māori or HoD approval

Contact person: Mr W. Cooper



MATHEMATICS FACULTY

MATHEMATICS (10MAT)

Year 10 Mathematics explores and develops the ideas and content from Levels 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. Results from this course will help to determine class placement in Year 11.

The topics taught in Year 10 are:

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

Duration: Full year

Equipment recommended: Casio 9750 Graphic calculator or an FX82 Calculator

Cost: The ICAS Competitions \$8.50 (optional)

Contact person: Mr W. Litchfield

SCIENCE FACULTY

AGRICULTURE/HORTICULTURE (10AHS)

Research and recording skills will be developed through project work and recording the results of practical work. An agricultural unit has been included in the course to stimulate interest in farming and other land-based industries.

The course structure will be:

- Garden planning
- Plant husbandry
- Types & uses of plants
- Soils - plant propagation
- Plant structure
- Agriculture
- Environment
- Pests and diseases

Duration: Full year

Entry requirement: Open entry

Contact person: Mr D. Jennings

SCIENCE (10SCI)

This course continues to develop the skills and processes that have been introduced at Year 9 through topics from the following strands:

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

Duration: Full year

Cost: Australian Science Competition approx. \$9 (optional). Standard NZQA fees apply where appropriate.

Contact person: Mr S. Kumar

SOCIAL SCIENCE FACULTY

CLASSICAL STUDIES (10CLS)

Why take Classical Studies? It introduces so much of what we have inherited from the Greeks and Romans, such as law, philosophy, language, literature, history, drama, sports, politics, art, oratory, medicine, architecture, sciences, and astronomy. We are proud that WBHS is the only school in New Zealand offering Classics Year 9 – Year 13. Year 10 has a more historical focus.

The following topics will be covered:

- Minoan Society
- The Spartans
- Mycenaean Society
- The Trojan War
- Athens
- Roman Geography
- Sparta
- The Aegean World
- Greek History
- Persian Wars
- The Olympics
- The Roman Army
- Roman Social Life
- Technology
- Religion
- Aegean Geography
- Jason and the Argonauts

Duration: Full year

Entry requirement: Year 9 Classics or HoD discretion

Contact person: Mr S. Crawford

MONEY WISE (10MNY)

This course establishes essential financial capability skills. This course will help plot a smooth financial path in life ahead.

In this subject students will cover:

- What are scams?
- Philosophies of spending (including sustainability and minimalism)
- Income and taxation
- Savings and investment (share market game)
- Credit and debt

It will also include a Level 1 Unit Standard: 29558 Demonstrate an understanding of personal credit history

Duration: Full year

Contact person: Ms K. Price

SOCIAL STUDIES (10SOS)

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:

- Ti Tiriti o Waitangi - Responses
- Sustainability
- Game Changers
- Battlefields
- Human Rights

There may be optional Achievement Standards:

AS 91043 - Social justice and human rights action
AS 91042 - Report on personal involvement in a social justice and human rights action

These will replace one of the five major units of learning - at the professional discretion of the teacher and with HoD consultation.

Duration: Full year

Contact person: Mr J. Warren

THE WORLD OF BUSINESS (10BUS)

This course promises to be an exciting year where students learn how the economy works and critical decisions firms make in production. They set up their own businesses and develop their own entrepreneurial capability.

Some key content areas are:

- The circular flow model
- Producers and production processes
- Enterprise studies
- Innovation and entrepreneurship

US 22847 Level 1, 2 credits:

Demonstrate knowledge of innovation and entrepreneurship in business concepts

Duration: Full year

Contact person: Ms K. Price

SUPPORTED LEARNING FACULTY

SUPPORTED LEARNING

A Supported Learning class operates in Year 10 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 H. Ferguson

TECHNOLOGY FACULTY

DESIGN & VISUAL COMMUNICATION (10DVC)

This course of study equips students to use a design process to create a unique solution. The Year 10 programme builds on the core skills learned in Year 9 and provides the essential skills and learning for success at Year 11. DVC seeks to enable students to communicate ideas clearly and precisely through:

- Freehand drawing and rendering techniques
- Develop in students an aesthetic awareness

At Year 10 the programme centres on:

- How to develop and refine design ideas to a final outcome
- Multi-view drawing and sectioning
- Modelling
- Perspective illustration
- CAD programmes; Google Sketchup and 2D Design

Duration: Full year

Equipment required: Set squares, compasses, pencils etc, for use at home and school, and an A4 visual diary

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

Contact person: Mr P. Yeoman



DIGITAL TECHNOLOGY (10DGT)

In this course the emphasis is on developing a broad range of skills in communicating information and ideas, and in accessing, planning, managing, and processing information. Successful completion of the course is a pre-requisite for entry into Level 1 Digital Technology in Year 11. All other applicants will be tested for entry to Year 11.

- Word processing - letters, reports and articles - Word
- Spreadsheets - budgeting and graphical presentation of data - Excel, formula
- Desktop publishing - posters, flyers, newsletter design - Publisher
- Graphics - photo editing, visual effects – Adobe Photoshop, GIMP
- Game programming - Scratch
- Web design - basic web page design – Adobe Dreamweaver, Notepad ++
- Presentations - digital presentations – PowerPoint
- Planning and creating a computer program - Python programming

Duration: Full year

Contact person: Mr J. Clark

ELECTRONICS (10ELE)

This is an introductory course for students interested in Electronics and Design. The course is based around the study of the component theory, the investigation of circuit designs, and the building of practical electronic products.

Students will be taught:

- Soldering techniques
- PCB production techniques
- Component recognition
- The theory of electronics
- PCB Design (including the use of CAD)
- Circuit testing and fault finding

Duration: Full year

Entry requirement: At HoD discretion

Equipment required: 2 Ltr container, A4 folder, file dividers, lined pad, 20 page clear file, and a USB flash drive

Cost: Take home component \$45 (approx.)

Contact person: Mr J. Anderson

MATERIALS TECHNOLOGY (10TMT)

Students will develop skills and safety practices, using both hand, and machine tools. Practical projects will be produced with each design project.

This semester based course is designed to give students the opportunity of working a semester each on wood and metal. It provides students with the experience needed to make an informed choice of which material suits them best for senior level study.

Duration: Full year

Entry requirement: At HoD or TIC discretion

Cost: Take home component \$40 (approx.)

Contact person: Mr P. Yeoman

PRODUCT DESIGN (10PRD)

This course is designed to complement the Year 10 Electronics and DVC courses and build skills that will lead on to Year 11 Product Design.

The course will centre around three design and make projects, looking at a variety of materials and different design processes.

Students will learn to combine art, science and technology to design and create their products, utilising computer aided design and manufacture.

Product design will teach students to:

- Effectively communicate design ideas through freehand drawing and rendering techniques
- Develop these ideas through to a viable outcome
- Refine and communicate their final design ideas through the use of 2D and 3D computer software
- Recognise the properties and limitations of different types of resistant materials
- Construct their finished design to a high standard

Duration: Full year

Entry requirement: At HoD discretion

Equipment required: An A4 sketch pad, USB flash drive, pencils, coloured pencils, eraser, etc

Cost: Take home component \$40 (approx.)

Contact person: Mr P. Yeoman





www.wbhs.school.nz