YEAR 11

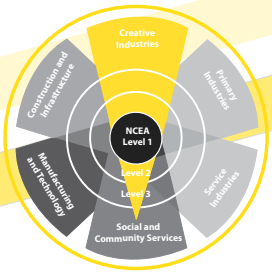
WHANGAREI BOYS' HIGH SCHOOL

Curriculum Guide 2020

Vocational Pathways

CREATIVE INDUSTRIES

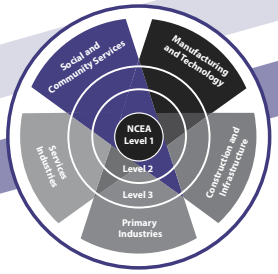
- Actor
- Advertising Executive
- Animator
- Artist
- Copywriter
- Fashion Designer
- Graphic Designer
- Musician
- Photographer
- Publisher
- Stage/Set Designer
- Web Designer



Vocational Pathways

SOCIAL AND COMMUNITY SERVICES

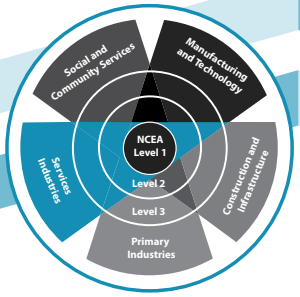
- Ambulance Officer
- Chiropractor
- Counsellor
- Dentist
- Doctor
- Educator
- Nurse
- Osteopath
- Pharmacist
- Physiotherapist
- Surgeon
- Social Worker



Vocational Pathways

SERVICES INDUSTRIES

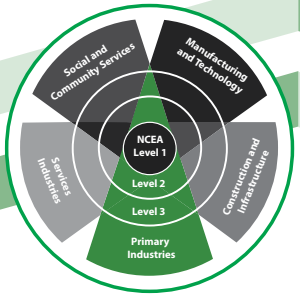
- Aviation
- Bar Manager
- Baker
- Chef
- Customs Officer
- Firefighter
- Hairdresser
- Hotel Manager
- Police Officer
- Retail Salesperson
- Restaurant Manager
- Travel Agent



Vocational Pathways

PRIMARY INDUSTRIES

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



Vocational Pathways

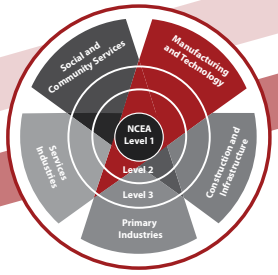
CONSTRUCTION AND INFRASTRUCTURE

- 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 2020

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 2020 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.

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 go on to be apprentices.

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 2020 will be held at **5.30 – 7.30pm** on **Wednesday 31 July 2019**, in the School Hall.

For current students subject selection can be entered via the KAMAR portal by **Wednesday 7 August 2019** and parents will be sent details of how to do this. Otherwise, by appointment with the Deans.

For students new to the school in 2020, 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, Allister Gilbert. 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 2020 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

2019

Wed	31	Jul	Subject Selection Evening - for boys in Year 9 - 12 selecting 2020 subjects. Senior staff, Head of Faculty staff, and Deans will be available to discuss subject selection with students and parents/ caregivers
Thurs	1	Aug	Year 8 Open Evening
Wed	7	Aug	Final day for online subject selection via parent portal - for Years 9 - 12 boys selecting 2020 subjects
Wed - Thurs	21 - 22	Aug	Year 8 Enrolment Interviews in School Hall
Mon - Fri	26 - 30	Aug	Senior Assessments trial examinations
Wed	25	Sept	Senior Interim Reports issued
Mon	14	Oct	Years 11 – 13 students issued with exam slips during WT
Thurs	31	Oct	Senior Prize-giving 7.00pm (WGHS Gym)
Fri	7	Nov	NCEA examinations start
TBC			Leavers' Ball
Tue	10	Dec	Junior Prize-giving (reports issued)

2020

Mon - Tue	20 - 21	Jan	All Year 13 Prefects/Senior Leaders – Leadership/Mentoring Training
Tue - Thurs	21 - 23	Jan	Years 9 – 13 Deans available for subject consultation for all returning students and new enrolments
Mon	27	Jan	Northland Anniversary Day All Year 9 Boarders and Hostel Prefects in Carruth House by 3.00pm
Tue	28	Jan	Years 9 & 13 students attend school. Powhiri at 9.00am
Wed - Thurs	29 - 30	Jan	Year 9 & Prefects attend school Years 10 – 13 Deans available at 11.00am for course changes
Fri	31	Jan	Year 9 only attend
Mon	3	Feb	All students attend school
Thurs	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

POINTS TO NOTE	FACULTY	YEAR 9	YEAR 10	YEAR 11 - LEVEL 1	YEAR 12 - LEVEL 2	YEAR 13 - LEVEL 3
	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 ✓Te Reo Māori * Junior Maori Arts * Te Reo Rangatira ESOL	✓English * Japanese * Languages via FarNet * Junior Maori Arts * Te Reo Rangatira ESOL	✓English English Language & Communication English Literacy 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
	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 Science Bridging Primary Industries	Agriculture/Horticulture Science Biology Chemistry Physics Science Bridging Forestry Primary Industries	Agriculture/Horticulture (FarNet) + Science + Biology + Chemistry + Physics + Forestry
	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 Classical Studies Geography Getting Work Ready History	Accounting Business Studies Economics Personal Financial Management Sales & Customer Service Social Action on Film Tourism & Travel Classical Studies Geography History Psychology	Accounting + Business Studies + Economics + Personal Financial Management Sales & Customer Service Social Action on Film 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 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 + Pre-trade Engineering & Automotive Pre-trade Woodwork

✓ 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.

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)

These courses are 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 online learning. Boys work in a supervised classroom and have access to one-on-one teacher assistance. Students must submit work at least every month.

FARNET

FarNet is available to domestic and international students. Students study via a mix of the internet and Google ZOOM 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.

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. 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 3 Social Studies
Levels 1, 2 & 3 Media Studies
Levels 2 & 3 Hospitality
Year 9 – 13 Languages (French, German, Korean, Samoan, Spanish)

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

Contact persons: Mrs Miller & Deans

GATEWAY

Gateway is structured workplace learning, mostly for students in Years 12 and 13. They experience an unpaid placement in a workplace 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 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 11 & 12 - a full time Engineering Academy is offered to boys who know that they want an apprenticeship in the metal trades
- Year 11, 12 & 13 - Primary Industries

Contact persons: Mrs O'Leary, Ms R. Andrews & Deans

YEAR 11 DEANS' LETTER

Students at this year level will study six subjects. English and Mathematics are compulsory and students choose four other option subjects. A Science is strongly recommended as one of these four subjects, in order to keep future study options open.

Subjects offer either Level 1 Achievement Standard credits or Unit Standard credits; which count towards the National Certificate of Education Achievement (NCEA) at Level 1. Credits from Achievement Standards will come from internal and external assessments of conventional school subjects. Credits from Unit Standards will come from internal assessment of standards developed by industry and specific subject teachers.

A supported study class will operate at Year 11 for a small number of selected students who have identified learning needs or need assistance to manage the demands of NCEA assessments. These students will have one fewer option class than other Year 11s. Supported Study Time will be co-ordinated and supervised by a teacher. Entry to this class is dependent on Dean and HoD Inclusive Learning approval.

To achieve NCEA Level 1, students must attain a minimum of 80 credits. Of these, 10 credits must be in Level 1 Mathematics (numeracy) and 10 credits in English (literacy).

Through their studies, students may also attain:

- **NCEA Level 1 Certificate Endorsed with either Excellence or Merit.** To do this, a student must achieve 50 credits at Excellence (for Excellence) or 50 credits at either Merit or Excellence (for Merit).
- **Individual subject Endorsement.** This requires a student to achieve 14 or more credits at Merit or Excellence level in a single subject. At least 3 credits must come from externally assessed standards and 3 from internally assessed standards. This does not apply to Physical Education.

Students who are clear in their career choices should select subjects that are prerequisites for their pathway to tertiary study and employment. Assistance in this area is available from Whanau Teachers, Deans, subject teachers, and Careers staff at Whangarei Boys' High School. If no clear choice has been made, boys are advised to seek a broad education. Boys are also encouraged to select subjects they excel at or enjoy.

YEAR 11 DEANS

Example: A student studies the following course in Year 11 for the NCEA Level 1 qualification:

Subject	Credits Available	Credits Achieved
Art	24	12
English	24	19
Geography	24	17
Mathematics	24	18
Physical Education	20	16
Science	26	16
Total	**142**	**98**

To gain the qualification the 80 credits must include:

- 10 credits in Literacy
- 10 credits in Numeracy

Grades that may be awarded for each Achievement Standard are:

- Achieved with Excellence
- Achieved with Merit
- Achieved
- Not Achieved

If a student meets the standard they receive the credits regardless of the grade awarded.

For Unit Standards a student will receive the following awards:

- Achieved
- Not Achieved

For all assessment matters refer to the Senior Assessment Booklet updated and produced each year for distribution to senior students.

NEW ZEALAND QUALIFICATIONS AUTHORITY (NZQA)

NZQA administers the National Qualifications Framework (NQF), which is a system designed to recognise the attainment of knowledge, understanding and skills by all people in New Zealand. Framework qualifications are quality assured and nationally recognised.

Learners who register on the Framework are able to accumulate credits over time and at their own pace as they work towards a qualification.

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

NCEA is the main secondary school qualification in New Zealand for Year 11 students.

To gain an NCEA Level 1 qualification, a student must perform against pre-determined standards. These standards may be called Achievement Standards or Unit Standards. Each standard is allocated a certain number of credits. When a student has accumulated a minimum of 80 credits, and has met the Level 1 literacy and numeracy requirements (10 literacy credits and 10 numeracy credits), they may be awarded the NCEA Level 1 qualification.

ARTS FACULTY

ART (11ART)

A practical and research based course, developing ideas and technical application of varying media to support the production of work for NCEA Level 1.

Entry requirement: Year 10 Art or HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90914	Use drawing methods and skills for recording information using wet and dry media	I	4
90915	Use drawing conventions to develop work in more than one field of practice	I	6
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	E	12

Cost: Take home component $65 (approx.) There may also be some costs associated with Art field trips.

Contact person: Mrs V. Luders

DIGITAL ART (11DGA)

A practical course involving visual research and digital applications through a combination of photography and design.

Entry requirement: Year 10 Art or HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90915	Use drawing conventions to develop work in more than one field of practice	I	6
90916	Produce a body of work informed by established practice which develops ideas using a range of media	E	12

Cost: Take home component $30, with an additional cost of $20 for printing. This is to be paid at the beginning of Term 1 and credited to the student's printing account.

Contact person: Mrs V. Luders

DRAMA (11DRA)

This course furthers student's understanding of theatre and the skills associated with performing. Students will develop self-management in their learning and preparing for roles. They will have the opportunity to create their own drama and to perform key roles within a full-length play.

Entry requirement: Willingness to perform in front of peers. Participation in year 10 drama is preferred but not necessary.

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90006	Apply drama techniques in a dramatic context	I	4
90997	Devise and perform a drama	I	5
90999	Use features of a drama/theatre form in performance	I	4
90009	Perform an acting role in a scripted production	I	5
90011	Demonstrate understanding of the use of drama aspects within live performance	E	4
90998	Demonstrate understanding of a drama/ theatre form	E	4

The external examinations are optional and offer the opportunity for students to gain endorsement in Drama. Internal standards 90999 is offered as an extra opportunity and to prepare students for the external examination 90998.

Cost: There will be further charges necessary to help pay for viewing liver performances throughout the year

Contact person: Mrs E. Gardner

MUSIC (11MUS)

A course consisting of solo and group performances, composition and aural skills combined with general musical knowledge and score reading.

Entry requirement:

- To be able to read music notation is desirable
- Students should have completed at least two years of instrumental tuition and continue to take lessons throughout the duration of the course

Or at the HoD's discretion where adequate music skills are demonstrated.

It is desirable that students choosing 11MUS participate in at least one performance group.

Achievement Standards selected from:

Level 1:	Title of Standard:	I or E *	CV *
91090	Perform two pieces of music as a featured soloist	I	6
91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	I	4
91092	Compose two original pieces of music	I	6
91093	Demonstrate aural and theoretical skills through transcription	E	4
91094	Demonstrate knowledge of conventions used in music scores	E	4
91095	Demonstrate knowledge of two music works from contrasting contexts	I	6

Contact person: Ms V. Hill

HEALTH & PHYSICAL EDUCATION FACULTY

HEALTH (11HLT)

This course develops the concept of hauora/well-being and how it affects our everyday lives. The course will provide life skills and equip students to move into people-related careers. The topics covered are personal and inter-personal skills, goal-setting, sexuality, nutrition, effects of drug and alcohol use and dealing with change, loss and grief. A variety of outside presenters from community health organisations help enhance the delivery of the programme.

Entry requirement: HoD approval

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90971	Take action to enhance an aspect of personal well-being	I	3
90975	Demonstrate understanding of strategies for making health enhancing decisions in drug related situations	E	4
91097	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	I	4
90973	Demonstrate understanding of interpersonal skills used to enhance relationships	I	5
90974	Demonstrate understanding of strategies for promoting positive sexuality	I	4

Some Unit Standards may be available

Contact person: Mrs D. Cooper

MULTI-LEVEL OUTDOOR EDUCATION (OED Multi)

This course is aimed at students looking for outdoor adventure experiences with extra support. It has a focus on student development and building confidence. It is designed for students wanting to pursue outdoor education and who may find that the other OED options move too quickly in terms of covering content.

Entry requirement: Open to all senior year levels - HoD discretion

Unit Standards offered:

Standard	Title of Standard:	I or E *	Level	CV *
20152	Experience and complete Abseiling sessions	I	1	1
20818	Demonstrate kayaking skills on sheltered or slow moving water	I	1	2
20210	Experience rock climbing	I	1	1
448	Experience a caving trip	I	1	1
20141	Complete beginner orienteering courses	I	1	1
90964	Demonstrate quality movement in the performance of a physical activity	I	1	3
467	Demonstrate personal and social development through participation in adventure-based learning	I	2	3
431	Navigate in good visibility on land	I	2	3
426	Experience camping	I	2	3
444	Demonstrate basic rock climbing movement	I	2	1

Cost: $250

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

OUTDOOR EDUCATION (11OED)

This course is designed to introduce students to a range of outdoor activities and develop their confidence in the outdoor environment. Introduction to Outdoor Education activities, including but not limited to: abseiling, rock climbing, kayaking, caving, surfing, outdoor navigation/orienteering, snorkelling and Adventure Based Learning (ABL).

Entry requirement: HoD discretion - a high standard of responsible behaviour is required and a genuine interest in outdoor education activities

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
20152	Experience and complete abseiling sessions	I	1
20818	Demonstrate kayaking skills on sheltered or slow-moving water	I	2
20210	Experience rock climbing	I	1
448	Experience a caving trip	I	1
20141	Complete beginner orienteering courses	I	1
90964	Demonstrate quality movement in the performance of a physical activity – surfing	I	3
Level 2:			
467	Demonstrate personal and social development through participation in adventure based learning	I	3
28391	Snorkel dive in open water	I	2
476	Roll a kayak (offered to students excelling in standard 20818)	I	2

Cost: $230

To ensure the safe delivery of the trips the school invests in high quality gear and qualified, experienced staff. There is an associated cost to each student for the activities based course of $230 for the year long programme. This cost will cover transport, safety equipment, and qualified, experienced staff who will ensure the safe delivery of all trips.

For students or families where there may be an issue of financial hardship, there are options to pay this amount over time or have a subsidy through the hardship fund. Please contact Yvonne Nees (y.nees@wbhs.school.nz) if you would like to organise a payment plan, or Mike Elliot (m.elliot@wbhs.school.nz) for access to the hardship fund.

Full payment, or a payment plan to pay the full amount by the end of Term 1, will need to be processed by the end of Week 3, Term 1.

An alternate free course is offered:

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
1.3	Quality skilled movement in an applied setting - Athletics	I	3
20141	Orienteering	I	1
467	Adventure based learning (Level 2)	I	3
1.9	Demonstrate self management strategies and describe the effects on participation in physical activity	I	3
3490	Complete an incident report	I	2
497	Demonstrate knowledge of workplace health and safety requirements	I	3
90953	Demonstrate understanding of carbon cycling	I	4

This programme has been designed to avoid cost to students, and has a large theoretical component. Unfortunately, there are no trips due to cost constraints.

Cost: Free

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

PERSONAL & SOCIAL DEVELOPMENT (11PSD)

This course is an alternative course to Health. It supports students in their ability to develop personal well-being skills significant for becoming an up and coming fine man within our community. Interpersonal skills that support an individual's ability to work co-operatively with others are improved and challenged in each unit offered. A variety of health promotion agencies such as ACC Mates and Dates; Police programme Love Me Not; Upstander workshops; Drug Awareness campaigns will support the units we complete.

Entry requirement: HoD approval

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
29300	Maintain hauora - personal health and well-being (supported learning)	I	4
3503	Participate and communicate in a team or group to complete a routine task	I	2
1978	Basic employment rights and responsibilities ($10.25 per student)	I	3
64	Perform calculations for the workplace ($20.30 per student)	I	2
Achievement Standards offered:			
90971	Take action to enhance an aspect of personal well-being	I	3
90956	Demonstrate knowledge of an individual's nutritional needs	I	5

Cost: $30.55

Contact person: Mrs D. Cooper

PHYSICAL EDUCATION (11PED)

The course consists of both practical and theoretical elements, offering an understanding of Physical Education at this level. An ideal course for those students wishing to pursue Physical Education in the senior school.

Entry requirement: Successful completion of Year 10 & HoD approval

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	I	5
90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	I	5
90964	Demonstrate quality movement in the performance of a physical activity	I	3
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4
90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	I	3

Contact persons: Mr H. Darkins & Mr Jt. Thomas

PHYSICAL WELL-BEING (11PWB)

Develop the knowledge, understanding, skills and attitudes needed to maintain and enhance personal health and physical well-being.

Entry requirement: Successful completion of Year 10 programme (verified by Year 10 PE Teacher)

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	I	5
90964	Demonstrate quality movement in the performance of a physical activity	I	3
90969	Take purposeful action to assist others to participate in physical activity	I	2
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4
90968	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities	I	3

Contact persons: Mr P. Tyslic & Mr Jt. Thomas

LANGUAGES FACULTY

ENGLISH (11ENG)

Students will complete a course of study working towards the standards for NCEA English. The course involves:

- Creative and formal writing
- The study of literary texts - novel, poetry, short story, nonfiction, drama
- The study of moving images
- Comprehension
- Delivering a speech

Entry requirement: National Curriculum Level 5 for Reading and Writing, or at HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	E	4
90851	Show understanding of specified aspect(s) of unfamiliar written text(s) through close reading, using supported evidence	E	4
90052	Produce creative writing	I	3
90053	Produce formal writing	I	3
90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	I	3
90857	Construct and deliver an oral text	I	3

Contact person: Mr M. Nogher

ENGLISH LANGUAGE & COMMUNICATION (11ELC)

This course is designed to support those who have not met Level 5 of the curriculum in Year 10 English. Students will be offered a range of internal and external Achievement Standards. Classes will be tailored to meet their needs.

Entry requirement: Students will be selected at HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90052	Produce creative writing	I	3
90856	Show understanding of visual text through close viewing, using supporting evidence	I	3
90857	Construct and deliver an oral text	I	3
90053	Produce formal writing	I	3
90852	Explain significant connections	I	4
90855	Create a visual text	I	3

Contact person: Mr M. Nogher

ENGLISH LITERACY (11ENL)

This is designed as a preparatory course for students not yet ready to study at NCEA Level 1. The focus of this course is the Literacy Unit Standards plus the opportunity to gain four Achievement Standards.

Entry requirement: Students will be selected at HoD discretion

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
26622	Write to communicate ideas for a purpose and audience	I	4
26624	Read texts with understanding	I	3
26625	Actively participate in spoken interactions	I	3

Achievement Standards offered:

90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	I	3
90857	Construct and deliver an oral text	I	3
90053	Produce formal writing	I	3
90052	Produce creative writing	I	3

Contact person: Mr M. Nogher

ESOL (11ESL)

English for Speakers of Other Languages (ESOL) assessments are conducted in English, which must not be the student's first language.

English Language (EL) Unit Standards offered:

Level 2:	Title of Standard:	I or E *	CV *
27983	Read and understand simple texts on familiar topics (EL)	I	8
27991	Participate in simple spoken exchanges on personal and familiar topics (EL)	I	10
27999	Write simple texts on familiar topics (EL)	I	8
28022	Demonstrate understanding of simple spoken information on familiar topics (EL)	I	5

Contact person: Mr R. Atkinson

JAPANESE (11JAP)

The Year 11 Japanese course continues to build the language skills developed in the junior cycle and is assessed on the NZQA standards listed below.

Entry requirement: Students must have reached a satisfactory level in Year 10 Japanese, with a minimum mark of 50% in the final examination

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90893	Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance	E	5
90894	Give a spoken presentation in Japanese that communicates a personal response	I	4
90895	Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations	I	5
90896	Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance	E	5
90897	Write a variety of text types in Japanese on areas of most immediate relevance	I	5

Contact person: Mrs D. Williamson

LANGUAGES via FarNet (11LANf)

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 complete Level 1 internal and external 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.

The course duration is mostly for a full year.

Contact person: Mrs D. Miller

SENIOR MĀORI ARTS (11SMA)

This course offers a combination of Māori Performing Arts standards, Māori Tourism, and Tikanga Māori standards. It is a composite Year 11 - 13 class and offers both numeracy and literacy standards. Prior knowledge of Māori Performing Arts and Te Reo Māori is not essential, but is, to an extent, an advantage.

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
27547	Identify ngā momo rākau whawhai	I	4
27544	Demonstrate knowledge of tākaro Māori	I	6
22752	Demonstrate knowledge and skills of performance components	I	3
22754	Demonstrate knowledge of the origins of Māori performing arts disciplines and events	I	4
22755	Demonstrate knowledge of a Māori performing arts costume ensemble	I	3
22753	Demonstrate knowledge of people associated with Māori performing arts	I	3
20948	Demonstrate knowledge of tūwaewae	I	8

Cost: $10

Contact person: Mr W. Cooper

TE REO RANGATIRA (11TRR)

This course involves an in depth study of Te Reo Māori with emphasis on oral and written skills. The oral skill based component focuses on preparing speeches and oral activities. The listening component includes listening for meaning, and understanding. The reading comprehension and essay writing will cover the writing styles: giving instructions, dialogue, report and descriptive writing.

Entry requirement: Completion of Year 10 and/or HoD approval

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91085	Whakarongo – Listening comprehension	I	6
91086	Kōrero - Oral speaking	I	6
91088	Tuhituhi - Written	I	6
91089	Tuhinga auaha - Creative writing	I	4

Contact person: Mr W. Cooper

MATHEMATICS FACULTY

MATHEMATICS (11MAT)

11MAT is a course of study working towards six NCEA Achievement Standards in Mathematics and Statistics. Successful completion of this course will ensure that students have the skills required to continue on to Level 2 Mathematics and beyond.

Entry requirement: Entry into this course will be based on Year 10 Mathematics results. A score above 45% in Year 10 final examination is expected. Entry may be at the Mathematics HoF's discretion.

Achievement Standards offered: (this may change slightly)

Level 1:	Title of Standard:	I or E *	CV *
91027	Apply algebraic procedures in solving problems	E	4
91028	Investigate relationships between tables, equations and graphs	E	4
91037	Demonstrate an understanding of chance and data	E	4
91032	Apply right angle triangles in solving problems	I	3
91035	Investigate a given multivariate data set	I	4
91029	Apply linear algebra in solving problems	I	3

Equipment recommended: A calculator, preferably a Casio 9750 Graphic calculator

Cost: The ICAS Mathematics Competitions $8.50 (optional)

Contact person: Mr A. Kitson

MATHEMATICS BRIDGING (11MAB)

11MAB offers Level 1 standards that are all internally assessed. It is for students who are not confident in Mathematics and need time to develop their understanding and skills. This course leads to 12MAB and possibly 12MAT at the Mathematics HoF's discretion.

Entry requirement: Over 30% in the Year 10 final examination or at the discretion of the Mathematics HoF

Achievement Standards offered: (this may change slightly)

Level 1:	Title of Standard:	I or E *	CV *
91026	Apply numeric reasoning in solving problems	I	4
91029	Apply linear algebra in solving problems	I	3
90135	Investigate a given multivariate data set using the statistical enquiry cycle	I	4
91030	Apply measurement in solving problems	I	3
91032	Apply right angled triangles in solving measurement problems	I	3
26623	Use number to solve problems	I	4
26626	Interpret statistical information for a purpose	I	3
26627	Use measurement to solve problems	I	3

Equipment recommended: An FX82 calculator

Contact person: Mr A. Kitson

MATHEMATICS NUMERACY (11MAN)

11MAN is designed for students who are aiming to gain numeracy for NCEA Level 1. The content is taught using practical contexts and a portfolio of work is developed to show evidence of achievement. This course does not allow entry into a Mathematics course at Level 2 or Level 3.

Entry requirement: Less than 30% in the Year 10 final examination or at the discretion of the Mathematics HoF

Unit Standards offered: (this may change slightly)

Level 1:	Title of Standard:	I or E *	CV *
26623	Use number to solve problems	I	4
26626	Interpret statistical information for a purpose	I	3
26627	Use measurement to solve problems	I	3
91026	Apply numeric reasoning in solving problems	I	4
91030	Apply measurement in solving problems	I	3
91032	Applying right-angle triangles in solving problems	I	3

Equipment recommended: Calculator

Contact person: Mr W. Litchfield

SCIENCE FACULTY

AGRICULTURE/HORTICULTURE SCIENCE (11AHS)

Students will gain a deeper understanding of the technical aspects of Horticulture to prepare them for employment prospects in the Agricultural or Horticultural industry. Topics cover Practical Gardening, Propagation, Soils, Plant/Animal Husbandry, the Primary Industries and Landscaping.

Entry requirement: Year 10 Horticulture or Achieved at Curriculum Level 5 in four Year 10 end of topic tests in Science or at discretion of TiC

Achievement Standards selected from:

Level 1:	Title of Standard:	I or E *	CV *
90157	Demonstrate practical skills used in agriculture or horticultural production	I	4
90920	Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand	I	3
90922	Design a landscape plan that reflects user requirements	I	3
90160	Demonstrate knowledge of the impact on the environment of primary production management practices	I	3
90155	Demonstrate knowledge of pasture/crop management practices	I	4
90924	Demonstrate knowledge of horticultural plant management practices and related plant physiology	E	5

Cost: There may be transport costs for field trips

Contact person: Mr D. Jennings

PRIMARY INDUSTRIES (11PIN)

This class serves as an introduction to New Zealand's primary sector. Students will be invited to apply for membership in the Primary Industries Academy.

Students credited with the New Zealand Certificate in Primary Industries will be able to demonstrate fundamental knowledge and skills relevant to the Agriculture, Horticulture, Forestry and Aquaculture industries.

Entry requirement: Successful completion of Year 10 Agriculture/ Horticulture and/or HoD approval

Qualifications: NCEA Level 1 and New Zealand Certificate in Primary Industries

Unit Standards selected from:

Level 1:	Title of Standard:	I or E *	CV *
26969	Demonstrate knowledge of the New Zealand primary sectors	I	3
19137	Describe opportunities, advantages and disadvantages of rural development	I	2
19136	Demonstrate the social requirements for daily living in the rural industry	I	2
1	Garden planning. Prepare and sow outdoor seed beds manually	I	5
23783	Grow and maintain plants in containers from seed	I	5
23780	Undertake general garden maintenance	I	5
23782	Identify containers, materials, plants and tools used for propagation	I	2
Level 2:			
19145	Describe hydration, nutrition and sleep in relation to well-being of workers	I	4
19138	Monitor and interpret weather information	I	4
19143	Perform calculations for primary production situations	I	3

Cost: There may be a charge necessary to help pay for field trips. Costs are covered for boys accepted into the Primary Industries Academy

Contact person: Mr D. Jennings

SCIENCE (11SCI)

This course is the pathway for students who wish to study Science subjects at Year 12 and beyond. The units of work cover:

- Practical Investigations
- Genetics
- Motion, Forces, Energy
- Acids and Bases
- Reactions and properties of groups of chemicals

Entry requirement: Achieved at Curriculum level 5 or 6 from the four end of topic tests in Year 10 Science

Achievement Standards selected from:

Level 1:	Title of Standard:	I or E *	CV *
90935	Carry out a practical investigation, with direction, that leads to a linear mathematical relationship	I	4
90930	Carry out a practical chemistry investigation, with direction	I	4
90925	Carry out a practical investigation in a biology context	I	4
90940	Demonstrate understanding of aspects of mechanics	E	4
90944	Demonstrate understanding of aspects of acids and bases	E	4
90948	Demonstrate understanding of biological ideas relating to genetic variation	E	4

Cost: Australian Science Competition ICAS approx. $15 (optional). There may be a cost for resources.

Contact person: Mr S. Kumar

SCIENCE BRIDGING (11SCB)

This course will continue to develop the knowledge and skills learned in Year 10 Science. It will be an internally assessed course with units of work chosen from the Year 11 Science Matrix and will cover all of the learning areas of the curriculum including The Living World, Material World, Physical World and Planet Earth & Beyond.

Entry requirement: Achieved at higher end of Curriculum Level 4 or lower end of Curriculum Level 5 from the four end of topic tests in Year 10

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90935	Carry out a practical physics investigation, with direction, that leads to a linear mathematical relationship	I	4
90930	Carry out a practical chemistry investigation, with direction	I	4
90925	Carry out a practical investigation in a biology context	I	4
90949	Investigate life processes and the environmental factors that affect them	I	4
90936	Demonstrate understanding of the physics of an application	I	2

Cost: There may be a cost for resources

Contact person: Mr M. Lawson

SOCIAL SCIENCE FACULTY

ACCOUNTING (11ACC)

The emphasis at this level is on Personal Accounting and Accounting for Sole Trader Businesses. Aspects covered include the conceptual basis of accounting, processing, systems, accounting reports and decision making. A total of 19 NCEA Level 1 credits will be offered in this course.

Entry requirement: At HoD discretion, with passes in English and Mathematics

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90976	Demonstrate understanding of accounting concepts for small entities	E	3
90977	Process financial transactions for a small entity	I	5
90079	Prepare financial information for a community organisation's annual general meeting	I	4
90980	Interpret accounting information for sole proprietors	E	4
90981	Make a financial decision for an individual or group	I	3

Contact persons: Ms K. Price & Mr R. Sharma

BUSINESS STUDIES (11BUS)

This course provides a foundation in Business Studies where students are introduced to the internal processes involved in running a small business. Students also learn marketing theory and apply the marketing mix to an existing product. They will then have an opportunity to put all the theory into practice by working together in a team environment to produce and market their own innovative product.

Entry requirement: Open entry at HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90837	Demonstrate an understanding of internal features of a small business	E	4
90839	Apply business knowledge to an operational problem(s) in a given small business context	E	4
90840	Apply the marketing mix to a new or existing product	I	3
90841	Investigate aspects of human resource processes in a business	I	3
90842	Carry out and review a product-based business activity within a classroom context with direction	I	6

Contact person: Ms K. Price & Mr T. Yung

CLASSICAL STUDIES (11CLS)

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. The Year 11 course continues to build on the skills and knowledge developed in the junior courses. However, previous study of Classics is not a requirement. The course covers at least four of the following topics in depth.

Entry requirement: At least 50% in Year 10 Classics or English or similar

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91021	Homer's Odyssey	E	4
91023	Emperor Nero	E	4
91024	Nero and his wives	I	6
91025	A research topic of cultural comparisons	I	6

Contact person: Mr S. Crawford

ECONOMICS (11ECO)

This course focuses on how three groups in the economy (households, firms and government) interact in the market place, and how this interaction results in decisions about what will be produced and the process of production. We will also discover how the market functions as a mechanism for allocating scarce resources and determining prices. Where possible local firms and local economic issues will be used as case studies to explain economic theory.

Entry requirement: Achieved in Year 10 Economics, English or Mathematics exam

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
90983	Demonstrate understanding of consumer choices using scarcity and/or demand	E	4
90984	Demonstrate understanding of decisions a producer makes about production	I	5
90985	Demonstrate understanding of producer choices using supply	E	3
90986	Demonstrate understanding of how consumer, producer and/or government choices affect society using market equilibrium	E	5
90987	Demonstrate understanding of a government choice where affected groups have different viewpoints	I	4

Contact person: Ms K. Price

GEOGRAPHY (11GEO)

This is an introductory course covering a wide range of skills, knowledge and ideas, relating to the physical and cultural world we live in. It extends upon concepts and skills introduced in Years 9 and 10 Social Studies.

Topics covered may include:

- Sustainable use of Environments/Contemporary issues
- Global Patterns
- Extreme Natural Events
- Geographic skills including mapping and graphing are an integral part of Geography and are taught throughout the year

Entry requirement: Achievement in three Social Studies assessments or HoD discretion

Achievement Standards selected from:

Level 1:	Title of Standard:	I or E *	CV *
91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	E	4
91009	Demonstrate geographic understanding of the sustainable use of an environment	I	3
91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	E	4
91011	Conduct geographic research, with direction	I	4
91012	Describe aspects of a contemporary New Zealand geographic issue	I	3
91013	Describe aspects of a geographic topic at a global scale	I	3

Cost: There may be a cost for fieldwork, maps and materials. Field trip to Northland examining the impacts and responses to flooding.

Contact person: Mr J. Warren

GETTING WORK READY (11GWR)

This course is designed to be a 'pre-work experience' which allows students to investigate the various work options that exist whilst also learning workplace expectations of behaviour, health and safety etc. Students will have the opportunity to visit workplaces (e.g. Kiwi Fruit Farm, Bunnings, Carter Holt Harvey, Warehouse) to observe entry level options in a variety of industries and to gather information to complete in-class unit standard assessments.

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
1978	Describe basic employment rights and responsibilities, and sources of information and/or assistance	I	3
30909	Describe how employee behaviours and/or attitudes contribute to positive workplace relationships and performance	I	2
4249	Describe obligations as an employee	I	3
56	Respond orally to customer enquiries	I	2
64	Perform calculations for a specified workplace	I	2
Level 2:			
10781	Produce a plan for future directions	I	3

Cost: Students will be asked to make a financial contribution towards field visits

Contact person: Ms K. Price

HISTORY (11HIS)

The focus for Year 11 History is the Origins of WWII and New Zealand's search for security in the modern world.

Topics studied are:

- The Origins of World War II 1919-1941
- The Māori Battalion
- New Zealand's search for security

Students will learn valuable skills in essay writing and source analysis.

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91001	Carry out an investigation of an historical event or place of significance to New Zealanders	I	4
91002	Demonstrate understanding of an historical event or place of significance to New Zealanders	I	4
91003	Interpret sources of an historical event of significance to New Zealanders	E	4
91005	Describe the causes and consequences of an historical event	E	4

Contact person: Mr R. Burrows

SUPPORTED STUDY (11SS)

A supported study class will operate at Year 11 for a small number of selected students who have identified learning needs, or need assistance to manage the demands of NCEA assessment. Many of these students will have been in the Supported Learning classes in Years 9 and 10. Students will have one fewer option class than other Year 11 students. Supported Study will be co-ordinated and supervised by a teacher.

Students will use supported study time to:

- organise their notes and assessment dates and times;
- gain support with studying for their timetabled classes;
- improve their literacy and numeracy

Entry requirement: Dean and HoD discretion

Contact persons: Ms H. Ferguson & Ms K. Sylva

TECHNOLOGY FACULTY

ADVANCED ENGINEERING (11AEG)

Advanced Engineering is an internally assessed course focusing on qualifications for students to enter tertiary study in a host of fields that include, in particular, trade apprenticeships. The course will suit students who have a desire to produce quality projects in mainly ferrous materials, and encourage students to develop trade based skills. Students planning university study in engineering will be advantaged by having done some of the practical components of this course.

Entry requirement: Preference given to students completing Year 10 Metal Technology and DVC or at HoD discretion

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
4433	Simple measuring tools	I	2
22923	Develop basic engineering skills	I	12
22924	Develop a simple product	I	10
22926	Demonstrate knowledge of safety	I	2

Equipment required: 2B8 hardcover workbook, 30 page clear file and safety glasses

Cost: Take home component $50 (approx.)

Contact person: Mr P. Yeoman

ADVANCED WOODWORK (11AWW)

Advanced Woodwork is an internally assessed course embracing a series of Industry Unit Standards, as well as related assignments and practical skills. The project themes require students to make careful plans and decisions in order to produce high quality products. The course is designed to carry over into Year 12 as a pre-apprenticeship programme. It is for students intending to pursue a career in wood-based industries including building, carpentry, joinery and cabinetmaking.

Entry requirement: Year 10 Materials Technology/Wood or HoD discretion

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
24356	Apply elementary workshop procedures and processes	I	8
25920	Demonstrating knowledge of joinery	I	3
24352	Safe working practices	I	2
Level 2:	**Title of Standard:**	**I or E ***	**CV ***
12932	Construct timber garden furniture and items of basic construction equipment	I	8
12927	Identify, select, maintain and use hand tools	I	6

Cost: Take home component $80 (approx.)

Contact person: Mr P. Yeoman

DESIGN & VISUAL COMMUNICATION (11DVC)

DVC is structured around design and its visual representation. A design brief approach is used for most problems throughout the course to ensure students fully explore the design process, develop broad graphics communication skills and start to appreciate good design. Skills in conceptual sketching, design development and refinement, production drawing and presentation will be developed through the course. The use of CAD programmes is an integral part of this subject and is used to enhance student design outcomes.

Entry requirement: Year 10 DVC

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91063	Produce freehand sketches	E	3
91064	Produce instrumental multi-view drawings	E	3
91065	Produce instrumental, paraline (3D) drawings	E	3
91066	Use rendering techniques	I	3
91067	Use the work of an influential designer	I	3
91068	Develop a design idea	I	6

Equipment required: Set squares, compasses, pencils etc, for use at home and school, and an A3 visual diary

Contact person: Mr P. Yeoman

DIGITAL LITERACY (11DGL)

This course provides industry based training in the use of digital technology. Students will obtain a sound grounding in the digital literacy skills necessary for today's workplace. The learning will be project based and assessed internally (no external examinations).

A variety of popular commercial computer applications will be covered including:

- Word processing – MS Word
- Desktop publishing – MS Publisher
- Spreadsheets – MS Excel
- Presentation – MS Publisher
- Web design – Adobe Dreamweaver
- Information gathering - MS OneNote/Google

Entry requirement: Subject to application and HoD discretion

Unit Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
18734	Create a web page using a template	I	2
18743	Produce a spreadsheet from instructions using supplied data	I	2
18758	Find information using the Internet	I	2
26745	Produce still images for a range of digital media	I	3
2792	Produce simple desktop published documents using templates	I	2
5946	Use computer technology to create and deliver a presentation from given content	I	3
25659	Create a web page using a mark-up language with a text editor	I	3
2780	Demonstrate and apply knowledge of a personal computer system	I	3

Contact person: Mr J. Clark

DIGITAL TECHNOLOGY (11DGT)

This course focuses on the development of computer science skills for further academic studies in Information Technology. Activities will include:

- Research, plan and design a multi-page website for a sport or hobby
- Create a formal business report with dynamically linked data and graphs from a spreadsheet
- Plan and develop a computer program in Python
- A hands-on activity on how to service a personal computer system
- Basic concepts of information management

Entry requirement: Year 10 Digital Technology course or assessment

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91878	Develop a design for a digital outcome	I	3
91880	Develop a digital media outcome	I	4
91882	Develop a computer system	I	4
91883	Develop a computer program	I	4
91887	Demonstrate understanding of human computer interaction	E	3
Level 2:			
2784	Create and use a computer spreadsheet to solve a problem	I	3

Contact person: Mr J. Clark

ELECTRONIC PRODUCTS (11ELE)

This subject builds on the essential learning outcomes of Year 10 Electronic Products. It is assessed internally using NCEA Level 1 Achievement Standards in Technology. The course will suit students who have an avid interest in electronics. Electronic Products covers the theory of electronics and the practical application of the theory. Students will present their work in portfolios that detail the research, the design and the manufacture of the electronic product. Externally assessed standards have been included so that course endorsement is achievable at Merit or Excellence. This course also has 12 Literacy credits associated with it.

Entry requirement: Year 10 Electronics or HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91044	Undertake brief development to address a need or opportunity	I	4
91046	Use design ideas to produce a conceptual design for an outcome to address a brief	I	6
91066	Rendering techniques to communicate the form of design ideas	I	3
91047	Undertake development to make a prototype to address a brief	I	6
90148	Demonstrate understanding of how technological modelling supports decision-making	E	4

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

Cost: Take home component $70 (approx.)

Contact person: Mr J. Anderson

ENGINEERING TRADE ACADEMY (11ENAC)

This course is aimed at boys who have clearly decided on a career in Engineering or Automotive and are looking to transition from school into the workplace by the end of Year 12. Instead of selecting six subjects this is an integrated course which consists of one option line of literacy, one option line of numeracy and the remainder of the time completing engineering and automotive projects and the associated assessments. The intention of this course is to gain Level 2 NCEA over 2 years. Boys who show good workshop practice will also be given the opportunity to gain workplace safety qualifications and attend a work placement. Students will work in groups for several projects.

Entry requirement: Selection into the course will require an interview with HoF and Deans. Students will need a history of consistently following accepted safety practice in the workshop and the ability to work cooperatively and productively with others. This course will run from 10:00am until 4:10pm instead of normal school hours.

Unit Standards offered:
A programme of assessments will be developed to suit the interests and abilities of the group and the practical projects they will undertake. These assessments consist of Unit Standards developed by Engineering and Automotive Industry Training Organisations.

Contact person: Mr P. Yeoman

PRODUCT DESIGN (11PRD)

This subject builds on the learning outcomes of Year 10 Product Design. 11 Product Design is aimed towards students who have a good understanding of design concepts. It will be ideal for students who are interested in design but favour more practical outcomes than 11DVC whilst choosing a more academic option than 11AEG or 11AWW. The course will focus on design and build assignments with assessment based on Achievement Standards. Students will take home a unique high quality product which they have designed and made. Skills in conceptual sketching, design, development and refinement, presentation and production will be built on from Year 10. The use of CAD programmes and CNC machines are an integral part of this course and are used to enhance student outcomes.

Entry requirement: Year 10 DVC or Product Design, HoD discretion

Achievement Standards offered:

Level 1:	Title of Standard:	I or E *	CV *
91066	Use rendering techniques to communicate the form of design ideas	I	3
91064	Produce Instrumental multi-view of the graphic drawings	E	3
91065	Produce Instumental paraline drawings to communicate design ideas	E	3
91048	Demonstrate understanding of how technological modelling supports decision making	E	4
91057	Implement basic procedures using resistant materials to make a specified product	I	6
91046	Use design ideas to produce a conceptual design for an outcome to address a brief	I	6

Equipment required: A3 visual diary, sketching equipment, standard and coloured pencils, USB flash drive

Cost: $50 to cover take home materials

Contact person: Mr P. Yeoman

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