



Waitaki Girls' High School



Subject Information Guide 2017

Level 1, 2, 3

Respectful
Kia Whakaute

Responsible
Kia Haepapa

Resilient
*Kia Kaha
i kā katoa*

**(Please keep for reference and
bring to course confirmation
in January 2017)**

Time-line for Selecting Courses

Important Dates

Thursday 18th August

Curriculum booklets issued to all Year 10, 11 and 12 students.

Wednesday 24th August

Subject and NCEA information evening at 7.00pm in MK Dunning Hall for Students and parents. Heads of Learning will be available to discuss course content and workload.

Friday 23rd September

Course Selection for 2017 to be completed either online (via parent portal) or handed into the office.

Dates for 2017

Term 1	1 February to 13 April
Term 2	1 May to 7 July
Term 3	24 July to 29 September
Term 4	16 October to 12 December

School Rules

- Treat each other with respect.
- Bullying is harmful - physical, verbal, written or electronic bullying will not be tolerated.
- Cigarettes, alcohol and illegal substances may not be brought to school or used when in uniform.
- Written permission is needed to leave the school grounds.
- Notes or phone calls are required to explain absences.
- Treat the school environment with respect.
- Respect other people's property.
- Uniform must be worn correctly.
- No cellphone use in class.
- Facial piercings are not permitted.
- No extreme hair colour.

Classroom Rules

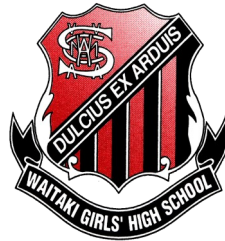
- Arrive on time.
- Be prepared, bring the correct equipment to class.
- Use appropriate language - avoid put downs.
- Respect for everyone in the classroom

Instructions for completing course selection on-line

1. Go to school website www.waitakigirlshigh.school.nz
2. Click on parent portal
3. Log on using student username (e.g. jsmith) and password; these were sent to you in an email outlining the use of the parent portal. If you are unsure of your password, please phone the school office—434 8429.
4. Click on 'course selection' tab on left-hand side of the page.
5. Select a subject from those offered in each drop down box.
6. Click 'save'

NB: If you are unable to access the parent portal, students will need to collect a course selection form from the office.

The School Crest



The School Motto

“Dulcius ex Ardius”

“There is satisfaction to be gained from working hard”.

Our vision:

“Young woman well-equipped for the world.”

Principal
Deputy Principal
Assistant Principal
Guidance Counsellor
Careers Officer
Executive Officer
Principal's PA
Office Staff

Sports Coordinator
Librarian
Deans: Year 9
 Year 10
 Year 11
 Year 12
 Year 13

Ms Walker
Ms Williams
Mrs Williams
Mrs Corlet
Mrs Hay
Mrs S Grant
Mrs Sime
Mrs Meek
Mrs Mackenzie
Mrs Boraman
Mrs Pritchard
Mrs Robinson
Mrs Hamilton
Mrs Woock
Dr McIntyre
Mrs Bain
Ms Sinclair

Daily Routine

	Mon	Tues	Wed	Thurs	Fri
			8.40am - 9.25am Staff PD Peer Support/ Dramas/Choir		
Period 1	8.40am - 9.40am		9.25am - 10.20am Period 1	8.40am - 9.40am	
	9.40am - 10.00am Whānau Group		10.20am - 11.15am Period 2	9.40am - 10.00am Whānau Group	
Period 2	10.00am - 11.00am		11.15am - 11.40am Interval	10.00am - 11.00am	
Interval	11.00am - 11.25am Interval		11.40am - 12.35pm Period 3	11.00am - 11.25am Interval	
Period 3	11.25am - 12.25pm		12.35pm - 1.30pm Period 4	11.25am - 12.25pm	
Period 4	12.25pm - 1.25pm		1.30pm - 2.05pm Lunch	12.25pm - 1.25pm	
Lunch	1.25pm - 2.20 pm Lunch (warning bell at 2.15pm)		2.05pm- 2.25pm Assembly/Year Level Meetings	1.25pm - 2.20pm Lunch (warning bell at 2.15pm)	
Period 5	2.20pm - 3.20pm		2.25pm - 3.20pm Period 5	2.20pm - 3.20pm	

Subject Information Guide

Years 11, 12 and 13

This guide provides students and their caregivers with information about the subjects available at the senior level, the examination requirements and the various certificates and awards. It is hoped that this information will assist students and caregivers as they seek to make the right decisions about next year's course of study.

Please

- read it carefully
- talk over the possibilities with the adults you live with, your teachers, counsellors, deans or careers adviser
- check the previous qualifications and entry requirements needed to take a subject or course
- check the Subjects List to make sure that it continues onto higher levels

Students should seek to follow a broad-based general course of study for as long as possible. Early specialisation is not recommended.

Our staff are happy to give help and advice. If desired, appointments can be made by ringing the school office on 434 8429.

Course Selection

Selecting a course from the subjects offered in the Course Selection Book is not a guarantee that you will achieve your complete selection particularly at Years 12 and 13.

Staffing is allocated to schools according to Government determined teacher-student ratios. If the number of students electing to study a given subject is insufficient, the class may not be available. Every endeavour will be made to accommodate student requests but where classes are below the viable size, one of the following options could be possible.

1. Combine levels e.g. Years 12 and 13
2. Distance Learning (via Google Hangouts)
3. Correspondence School **or**
4. Select an alternative subject

Choosing a Course of Study

Here is a formula that may help you

Ability + Interest + Occupation = Subject Choice			
How good are you at a subject? ↓	What do you enjoy? ↓	If you know what you would like to be, ask the Careers Adviser which subjects you need to take. ↓	Investigate carefully all subjects you are interested in. ↓
Assessment results will help you to determine your ability. ↓	Do you like the work or is it just that you like the teacher?		
Discuss your ability level with your teachers.	If you are interested in the subject you are most likely to do well.	If you don't know what you want to be, keep your options open by not specialising too soon.	Make your final choice, keeping in mind the formula above.

Multi Level Study

It is possible for students to study a subject at a level appropriate to their level of competence, subject to HoLs approval.

Curriculum Pathways:

Learning Areas	Year 9	Year 10
Arts	Art/Music/Performing Arts	Art/Performance Arts (Music & Drama)
English	English	English
Languages	Te Reo (Distance Learning)/ German/Japanese/ Cultural Studies	Te Reo (Distance Learning)/ German/Japanese & Mandarin (with approval)
Mathematics	Mathematics	Mathematics
Health and Physical Education	Health and Physical Education	Health and Physical Education
Science	Science	Science Agriculture
Social Science	Social Studies	Social Studies
Technology	Digital/Food/Textiles Technology	Digital/ Food Technology & Nutrition/ Textiles Technology
Vocational Studies		Careers
Guidance Notes	All programmes compulsory	Careers, English, Health, Mathematics, Physical Education, Social Studies, Science compulsory

Where your learning leads

Year 11	Year 12	Year 13
Art Music	Art—Design Art—Painting Art—Photography Music	Art-Design] Art-Painting] • Art-Photography] Music
English Level 1 Alternative English	English Level 2 Alternative English	English Level 3 Alternative English
Te Reo (Distance Learning) German Japanese (Distance Learning)	Te Reo (Distance Learning) German Japanese (Distance Learning)	Te Reo (Distance Learning) German Japanese (Distance Learning)
Mathematics Mathematics - Numeracy *	Mathematics—Bridge Mathematics Mathematics and Statistics	Mathematics with Calculus Mathematics and Statistics
Physical Education	Physical Education Practical Physical Education	Physical Education Practical Physical Education
Skills Science + Science Agriculture	Skills Science + [Biology [Chemistry [Physics Agriculture	Biology Chemistry Physics Agriculture
Business Studies Geography History	Accounting Economics Geography History Tourism	Accounting Economics Geography History Tourism Classical Studies
Digital Technology Food Tech & Nutrition Textiles Technology Graphics & Design (WBHS)	Digital Technology Food Tech & Nutrition Textiles Technology Graphics & Design (WBHS)	Digital Technology Food Tech & Nutrition Textiles Technology Graphics & Design (WBHS)
Vocational Studies V Path	Transition Life Skills (compulsory) Gateway V Path	Transition Life Skills (compulsory) Gateway V Path
Maths, English and Science compulsory	English compulsory	Student selected course

* This course does not lead to any further Mathematics study.

+ This course is a two year course which students can choose to do for either one or two years.

• Only 2 Art subjects may be studied and entry must be approved by art teacher and principal.

Year 11

Year 11

To achieve this qualification, students will have to accumulate a total of 80 credits across all their subjects (there can be up to 24 credits from each subject).

Credits can be obtained through **achievement and unit standards**.

Some standards will be **internally assessed** (achieved through classwork tests, assignments and examinations), and the remaining standards will be **externally assessed** (achieved through national examinations at the end of the year).

NCEA certificates may be gained with Merit or Excellence endorsement. To be eligible for this, a student must gain 50 credits at Merit for Merit endorsement, and 50 credits at Excellence for Excellence endorsement. In addition, a student may also gain course endorsement. To gain Excellence endorsement, a student must gain 14 credits from a course in Excellence; 3 of these standards must be internal credits and 3 must be external credits. To gain Merit endorsement, a student must gain 14 credits from a course in Merit; 3 of these standards must be internal credits and 3 must be external credits. Physical Education is exempt from these requirements as it is totally internally assessed.

During the year, staff will discuss with Year 10 students the range of courses available and the most appropriate choice.

In English, Mathematics and Science there are alternative courses available for students who find academic work difficult. These courses will include sufficient achievement or unit standards to meet the literacy and numeracy requirements of Level 1 NCEA. To gain NCEA Level 1, a student must gain credits which meet the literacy and numeracy requirements. These credits can be obtained through a number of standards across a range of subjects. These standards will be identified in subject information guides which are given to students at the beginning of Year 11.

All students are to select six subjects for NCEA. English, Mathematics and Science are compulsory and three other subjects are selected.

VPath

These courses are Polytechnic based. As these courses are Level 2 & 3 Year 11 students will be considered on an individual basis. Students will have the opportunity to gain at least 20 credits in the chosen Pathway. Students will be out of school one day per week **and need to be committed to staying at school all year**. Students must go to their course every week. There will be contracts between the Polytechnic, School, Student and Parents. To apply students must write a letter of application to Mrs Hay, before the end of term 3.

NCEA Fees: Fees for most students will be \$76.70. Payment is required by 31st August 2017. The contact webpage for NZQA is www.nzqa.govt.nz. Financial assistance can be applied for and you will be notified about this during the year. Application forms are available from the school office.

Year 11 Subjects

All students must do an English, a Mathematics and a Science subject. Students will be directed into the most appropriate course of study.

Students may choose the remaining NCEA subjects from the following list:

Agriculture	Art	Business Studies	Digital Technology
Food Technology	Geography	German	Graphics & Design (through WBHS)
History	Japanese (Distance Learning)	Music	Physical Education
Te Reo (Distance Learning)	Textiles Technology	Vocational Studies	

Year 11 Stationery List

Agriculture	A4 folder and refill
Art	A3 art folder (clear file). A3 drawing pad (paper thickness needs to be minimum 110gsm.) Pencil set with a range of leads from HB-6B. Paint set and personal brushes for homework. (You may use equipment from Year 10)
Business Studies	1B5 book or A4 folder and refill, calculator
Digital Technology	Visual Diary 60 leaf, recommended 8G usb
English	A4 folder and refill or 2B8 (A4 hardcover book) plus refill for published work.
Alternative English	2B8 hardcover book (A4 hardcover book)
Food Technology	1x 2B8 (A4 hardcover book), 1x 40 page clear file
Geography	A4 folder and refill or 2B8 book (A4 hardcover book), coloured pencils
German	1x 1B8 notebook
History	A4 folder, dividers and refill or 2B8 book(A4 hardcover book), coloured pencils
Japanese	1x 1B8 notebook, A4 folder and refill
Maths	2x 1E8 Quad books, Calculator—the graphic calculator is a great investment now
Maths - Numeracy	2x 1E8 Quad books, calculator
Music	40 page A4 clear file, refill pad, music manuscript book
Physical Education	A4 folder and refill, dividers or x2 20 packet clear files
Science	A4 folder and refill, dividers (set of 5)
Skills Science	2B8 book (A4 hardcover book)
Textiles Technology	3x 20 page clear files, white printing A4 paper, colouring pencils
Vocational Studies	2x A4 folders and refill, 100x plastic pockets

NB: It is recommended that all students have their own pen drive (2G minimum); eraser, black, blue and red pens, highlighters, glue stick, ruler and scissors

Agriculture

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

This course contributes to: Level 1 literacy and numeracy.

Standards in this course are recommended for Vocational pathways in: primary industries

What do I need to do this subject?

An interest in farming, animals and growing plants.

What will I learn?

You will learn a range of skills and knowledge about:

- Soil properties and management.
- Practical agricultural and horticultural skills.
- Investigative skills in an agricultural setting.
- The impacts of farming on the environment.
- The geographical distribution of agricultural and horticultural industries within New Zealand.
- Livestock management practices.

What equipment/stationery do I need?

A4 folder and refill

What will this course cost?

Agriculture course workbook \$15.50

Field trips \$20.00

}

These costs will be confirmed 2017

Who should I see for further advice?

Mrs M Searle

Art

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

Standards in this course are recommended for Vocational Pathways in: creative industries.

What do I need to do this subject?

Year 10 Art or evidence of ability in Art.

What will I learn?

Half of this year's work is internally assessed. You will complete two internal assessments and one external. You will work on a theme and produce drawings, paintings and prints based on a topic. Drawing is an important aspect of Art, therefore be prepared by practicing now. At the end of the year you will submit a two-panel folio for nation-wide assessment.

Achievement Standards

Achievement Standard	1.2	4 credits (internal)
Achievement Standard	1.3	6 credits (internal)
Achievement Standard	1.4	12 credits (external)
Total		22 credits

What equipment/stationery do I need?

A3 Art folder (clear file)	}	Art Pack (you may use your equipment from Year 10)
A3 Drawing pad	}	
Pencils HB, 2B, 3B, 4B, 5B, 6B }		
Paint set and brushes		

What will this course cost?

Art Materials	Extra materials may be bought through Ms McIntosh if, and as, required. (Price of these may be up to \$50.00)
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\$40.00 for paint, paper, other art products and courier for external assessment

Who should I see for further advice?

Ms McIntosh

Business Studies

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

This course contributes to Level 1 Literacy requirements. Standards in this course are recommended for Vocational Pathways in: primary industries, service industries, social and community services, and creative industries.

What do I need to do this subject?

This course is designed as an introduction to the field of Commerce. It incorporates topics from Level 1 Economics, Accounting and Business Studies.

What will I learn?

- Knowledge of the principles and processes commonly found / used in economics.
- To investigate the basic mechanics of accounting (record keeping for business).
- To understand how a small business operates its day to day operations and marketing mix.

What equipment/stationery do I need?

1B5 Book or A4 Folder and refill
Calculator

What will this course cost?

\$27 workbooks

Who should I see for further advice?

Mr G Smith

Digital Technology

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

Assessment is Internal and External.

Literacy credits available.

Standards in this course are recommended Vocational Pathways in construction and infrastructure, manufacturing and technology, primary industries, service industries, social and community services and creative industries.

What do I need to do this subject?

The course is open entry but preference is given to those students who have taken the subject in year 10. If you are new to the subject you may need to do additional training in your own time. If you wish to go on and study Print Design in year 12 and Web Design in year 13 you need to take this course.

What will I learn?

The aim of the course is to provide students with the knowledge and skills that will enable them to participate competently in the technological society.

Students will develop the technical practice knowledge and increase their digital skills. The course will encourage students to develop their skills in design, decision-making, research, keyboard techniques, file management and communication, they will be given the opportunity to gain a variety of new skills within the digital technology environment. Students will learn how to use up-to-date industrial standard software to manipulate images, create quality business standard documents in word processing, use desktop publishing to create graphically designed brochures as well as manipulate numerical data in spreadsheets.

Studying Digital Technology will open a huge variety of opportunities and career pathways for the student in this ever expanding environment. Digital Technology is extremely useful for career and study pathways within the computer, ICT and digital design industry: from programmer, system analyst to business Information Systems and the design field of graphics, web design, animation and print media.

What equipment/stationery do I need?

Recommended USB pen drive 8GB.

Visual diary A4 60 pages

What will this course cost?

Students need to be aware that they will need to top up their printing account if they want hard copies throughout the year.

Who should I see for further advice?

Mr J Walters

Ms B Gillies (HOL)

English

Level 1

What qualification can I get from this course?

This course is a mixture of internally and externally assessed standards. You will have the opportunity to meet the literacy requirements for Level 1 NCEA and also gain credits towards your Level 1 NCEA certificate standards.

Standards in this course are recommended for Vocational Pathways in: service industries, manufacturing and technology, primary industries, construction and infrastructure, social and community services and creative industries.

What do I need to do this subject?

Year 10 English.

What will I learn?

English Level 1 continues to build strong writing and reading skills. Clear communication is essential in all aspects of life. In Level 1 English you will have the opportunity to develop your speaking skills, write in a variety of ways, analyse and evaluate different text types.

Assessment is a mixture of internally assessed standards and the NCEA Level 1 external examination in November.

What is this subject necessary for?

Level 2 English

What equipment/stationery do I need?

2B8 or A4 Folder and refill

What will this course cost?

Optional examination revision guide \$17.00 (This will be confirmed in 2017).

Who should I see for further advice?

Mrs S Johnston or your current English teacher.

Food Technology and Nutrition

Level 1

What qualification can I get from this course?

NCEA Level 1. Literacy credits are available.

Assessment is Internal and External. Literacy credits available.

Standards in this course are recommended for Vocational Pathways in: Manufacturing and technology, primary industries, service industries, social and community services.

What do I need to do this subject?

A background in Year 10 Food Technology and Nutrition is preferable.

An interest in nutrition and preparing food.

A willingness to take part in all practical aspects of the subject.

What will I learn?

The course will explore the importance of food and nutrition in our lives.

Throughout this course you will learn about:

- The Food and Nutrition Guidelines
- Functions of macro and micronutrients
- The four dimensions of hauora and how this influences overall well-being
- Reading and interpreting food labels and nutrition information panels
- Health enhancing techniques in the selection and preparation of food
- Interpersonal and societal influences on food choice
- Safe food handling and consumer food safety
- Practical skills for food preparation
- Relating to and working with others

What equipment/stationery do I need?

1x 2B8 (A4 hardcover book)

1x 40 page clear file

A suitable container for taking home practical work

What will this course cost?

\$80.00 for ingredients

Who should I see for further advice?

Ms B Gillies (HOL)

Miss H Gardyne

Geography

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

Credits towards NCEA Level 1 literacy and numeracy requirements.

Standards in this course are recommended for Vocational Pathways in: primary industries, service industries, construction and infrastructure, social and community services and creative industries.

What do I need to do this subject?

Open entry – this is a first year of Geography.

Ability in written English, some interest in our environment and the world.

What will I learn?

- An understanding of the natural environment and how it is used by people within New Zealand, and global settings.
- Skills of constructing and interpreting maps, graphs and understanding a variety of perspectives, statistics and visual information.
- Researching, processing and communicating information in a geographic context.
- Knowledge of extreme Natural Events – Tropical Cyclones
- Knowledge of Population Patterns and Processes in New Zealand
- Geographic Research
- Contemporary Geographic Issues
- Global Studies

What equipment/stationery do I need?

A4 Ring binder or 2B (A4 hardcover) book

Refill pad

Coloured pencils

Your own atlas at home for reference

What will the course cost?

Field trips:

Waitaki Valley—\$20

Oamaru town centre (no cost)

Who should I see for further advice?

Mr G Pestell

German

Level 1

What qualification can I get from this course?

Standards in this programme will contribute to credits towards NCEA Level 1 and are recommended for the vocational pathways, in particular social and community services, service industries and creative industries.

What do I need to do this subject?

At least 1 full year of German before Year 11.

What will I learn?

At Levels 3 and 4, students were expected to understand and produce information and ideas and express and respond to personal needs and interests. The content and language of the communication was targeted at describing concrete aspects of their own background and immediate environment.

By the end of Level 6, the content and language of the communication is now targeted beyond the immediate context (including past and present tenses), to include appropriate expression of opinions using a variety of text types. They learn to communicate in formal and informal situations, communicate about problems and solutions, immediate plans, hopes and intentions and gain an understanding and appreciation of German culture. They will also demonstrate an understanding of a variety of spoken and written German on areas of most immediate relevance.

Contexts covered include describing yourself and others, home, social life, school, travel and special occasions.

What equipment/stationery do I need?

Workbook (to be ordered through the Language Department)
1B8 notebook. Hard covered Exercise book from Year 10

What will this course cost?

Workbook \$25.00
\$30.00 for subscription to a Language Learning Website (optional)

Who should I see for further advice?

Mrs J Grant

Graphics and Design

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

Standards in this course are recommended for Vocational Pathways in: Manufacturing and technology, construction and infrastructure, and creative industries.

What do I need to do this subject?

An interest in design, freehand drawing, traditional technical drawing and computer aided design (CAD).

What will I learn?

In Level 1, students produce conceptual designs in the fields of Architecture, Product Design and Graphic Design using freehand drawing, traditional technical drawing and CAD to create designs. Students will learn about the work of professional designers and make 3D models of their designs using 3D printing facilities.

Assessment is both internal (12 credits) and external (9 credits). Internal assessment is via two major design projects and external through portfolio submission of best design work.

Who should I see for further advice?

Ms Williams

History

Level 1

What qualification can I get from this course?

The Year 11 History course contributes towards a possible 20 credits for Level 1 NCEA.

Standards in this course are recommended for Vocational Pathways in: service industries, social and community services, and creative industries.

Standards offered in this course contribute to NCEA Level 1 literacy.

What do I need to do this subject?

Must be taking NCEA Level 1 full English.

What will I learn?

Thematic Study

Finding Our Place:

- Whakapapa
- Warriors Place within New Zealand History

Internal Assessment Focus:

- Regional study—the Human Stories behind the migration to the Otago Region

What equipment/stationery do I need?

A4 Folder, dividers if you are using a folder and refill
or 2B8 (A4 hardcover) book

What will this course cost?

Time and commitment

Field Trip—Toitū Otago Settlers Museum - Dunedin \$20

Who should I see for further advice?

Ms S Hull

Japanese

Level 1

What qualification can I get from this course?

Standards in this programme will contribute credits towards NCEA Level 1 and are recommended for the Vocational Pathways, in particular social and community services, service industries and creative industries.

What do I need to do this subject?

At least 1 year of Japanese before Year 11.

What will I learn?

At Levels 3 and 4, students were expected to understand and produce information and ideas and express and respond to personal needs and interests. The content and language of the communication was targeted at describing concrete aspects of their own background and immediate environment.

By the end of Level 6, the content and language of the communication is now targeted beyond the immediate context (including past and present tenses), to include appropriate expressions of opinions using a variety of text types. They learn to communicate in formal and informal situations, communicate about problems and solutions, immediate plans, hopes and intentions and gain an understanding and appreciation of Japanese culture. They will also demonstrate an understanding of a variety of spoken and written Japanese on areas of most immediate relevance.

What equipment/stationery do I need?

A4 Folder and Refill

What will this course cost?

\$30.00 for subscription to a Language Learning Website (optional)

Who should I see for further advice?

Mrs J Grant

Level 1 Alternative English

Level 1

What qualification can I get from this course?

You will have the opportunity to meet the literacy requirements for Level 1 NCEA and also gain credits towards your Level 1 NCEA Certificate. The focus of this course is on internally assessed standards. It is for students who might work towards NCEA Level 1 over a period of two years. Standards in this programme are recommended for Vocational Pathways in: primary industries, service industries, social and community services, and creative industries.

What do I need to do this subject?

Year 10 English.

What will I learn?

This course will give you the opportunity to build on your reading and writing skills. You will focus on developing your abilities to meet the standard needed for NCEA Level 1.

The programme is flexible and will be adjusted to meet student needs. Both unit standards and achievement standards may be offered. Work from this course may provide evidence for Level 1 literacy unit standards.

What is this subject necessary for?

Year 11 English or Level 2 Alternative English.

What equipment/stationery do I need?

2B8 (A4 hardcover book) for class notes

What will this course cost?

Time and commitment.

Who should I see for further advice?

Mrs S Johnston or your current English teacher.

Mathematics

Level 1

What qualification can I get from this course?

23 credits towards NCEA Level 1.

Standards in this course are recommended for vocational pathways in: creative industries, construction and infrastructure, manufacturing and technology, primary industries, service industries, social and community

What do I need to do this subject?

Working at curriculum Level 5 or above in Year 10 Mathematics.

What will I learn?

- Problem-solving techniques
- Algebraic manipulation, equation solving and graph work
- Number skills
- Statistics – using the statistical enquiry cycle
- Probability

What equipment/stationery do I need?

Scientific calculator, ruler

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$20.00 (optional) for homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane

Mathematics Numeracy

Level 1

What qualification can I get from this course?

Level 1 Unit Standards worth 10 credits. These standards fulfil the numeracy requirement for NCEA and the prerequisite for the New Zealand Certificate in Employment Skills.

The progression from this course is to the Mathematics to Bridge course at Level 1/2

What do I need to do this subject?

Year 10 Mathematics. This course is designed for students who find Mathematics difficult and want to develop their basic skills.

What will I learn?

Numeracy includes knowledge and skills needed to apply mathematics to everyday family and financial matters, learning, work and community tasks, social and leisure activities.

The 3 core areas of study are:

- | | | |
|--------------------|---|---|
| Number | - | whole numbers, fractions, decimals, percentages, using calculators, using tables and graphs |
| Measurement | - | time, length, area, volume, angles, scale drawing |
| Statistics | - | use the general features (mean, median, mode, range) to interpret the data and draw a reasonable conclusion |

What equipment/stationery do I need?

Scientific calculator, ruler

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$15.00 (optional) for homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane

Music

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1. Standards in this course contribute to Level 1 Literacy and are recommended for Vocational pathways in: creative industries.

What do I need to do this subject?

Entrance is open to all students, although those that have learned, or are currently learning an instrument, will be at an advantage

What instruments could I learn?

Piano	Brass instruments	Bass Guitar
Guitar	Clarinet	Cello
Flute	Double Bass	Saxophone
Violin		

More instruments may be offered depending on student demand.

What will I learn?

Students will:

- develop a practical knowledge of music by listening to music and through discussion
- develop ideas in music by experimenting, composing pieces of original music
- communicate and interpret music through performance
- Study music works in depth and develop critical thinking skills

Teacher chooses a mix of standards depending on student interest and strengths.

What is this subject necessary for?

NCEA Level 2 Music

What equipment/stationery do I need?

40 page A4 clear file, refill pad, and music manuscript book

What will this course cost?

Cost of hiring an instrument for itinerant music lessons if required
\$10.00 workbook.

Who should I see for further advice?

Miss D Kim

Physical Education

Level 1

What qualification can I get from this course?

23 Credits towards NCEA Level 1 (100% internally assessed).

Standards in this course contribute to Level 1 literacy.

Standards in this course contribute towards Vocational Pathways in: primary industries, service industries, social and community services, creative industries.

What do I need to do this subject?

N/A

What will I learn?

Students work to:

- Participate in physical activities such as: athletics, tennis, softball, cricket, touch, weights, circuits, yoga, aerobics, body jam, unihoc, korfbal, dodgeball, badminton, basketball, netball, hockey, rock-climbing, adventure based learning activities, confidence courses
- Demonstrate quality of movement in basketball or badminton and athletics.
- Use strategies to develop interpersonal skills in a group or team
- Examine the basic principles of anatomy, physiology and biomechanics
- Demonstrate responsible behaviour for safety during adventure activities—high ropes and ABL
- Demonstrate self-management strategies during rock-climbing

What equipment/stationery do I need?

PE gear, A4 folder, dividers, or x2 20 packet display books, refill

What will this course cost?

Rock-climbing and High ropes—\$100.00
Trip to Geraldine Washdyke

(These costs will be confirmed in 2017).

Who should I see for further advice?

Mrs D Roberts

Science

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1.

This course contributes to Level 1 literacy and numeracy.

Standards in this course are recommended for Vocational pathways in: primary industries, construction and infrastructure, manufacture and technology, service industries, social and community services, creative industries.

What do I need to do this subject?

Year 9 and 10 Science achievement to a satisfactory level.

What will I learn?

- You will learn about microbes and food production.
- How genetic material influences us and is passed on to our offspring.
- Different types of chemical reactions.
- The chemistry of acids and bases and how they are used in everyday reactions.
- How mechanics influences the forces, motion and energy that is all around us.

What equipment/stationery do I need?

A4 Lever arch folder and refill paper, dividers (set of 5) and calculator

What will this course cost?

Optional examination revision guide \$17.00 (available Term 3).

Who should I see for further advice?

Mrs V Lilley- HOL Science

Skills Science

Level 1

What qualification can I get from this course?

Unit standards and Achievement Standard credits towards NCEA Level 1.

This course will offer opportunities for students to demonstrate skills which will contribute towards NCEA Level 1 literacy.

This course contributes towards: Level 1 numeracy.

Standards in this course are recommended for Vocational pathways in: primary industries, construction and infrastructure, manufacture and technology, service industries, social and community services, creative industries.

What do I need to do this subject?

Year 9 and Year 10 Science – this course is designed for those who want to better understand the Science around them.

What will I learn?

This subject introduces you to a wide range of topics that impact on you day to day life. Topics will be negotiated at the beginning of the year.

Possible Topics for 2017

- Properties of metals
- Microbiology
- Life processes
- Biological issues
- Implications of heat
- Applications of chemistry
- Earth science events
- Practical investigation

What equipment/stationery do I need?

2B8 (A4 hardcover) book.

What will this course cost?

There are no extra costs for this course.

Who should I see for further advice?

Mrs L Hamilton.

Textiles Technology

Level 1

What qualifications can I get from this course?

NCEA Level One

Assessment has Internal and External standards.

Standards in this course are recommended for Vocation Pathways in: construction and infrastructure, manufacturing and technology, primary industries, service industry, social and community services, and creative industries.

What do I need to do this subject?

An in interest in the design process, working with textiles and

Year 10 Textiles Technology would be preferable but not a pre-requisite.

Students need to be prepared to spend time at lunch and after school to complete their projects. All sewing is required to be completed at school and paper work can be done at home.

What will I learn?

The senior Textile Design Technology Program has been designed to give students' access to a wide variety of Fashion and Design based skills.

In year 11 students do two Technology projects where students are assessed on their creativity, production skills and time management. They will make an adaptation of a pattern for a specified garment in the first unit and then design and make a garment or item of their choice, in the second unit.

What equipment/ stationary do I need?

3x 20 leaf clear file, white printing A4 paper

Colouring pencils

2x Project materials and fabric

What will this course cost?

Students supply project materials, threads, and notions at a cost to themselves.

\$50 is charged for the supply of interfacing, calico for functional modelling.

Who do I see for further advice?

Ms Gillies (HOL)

Vocational Studies

Level 1

What qualification can I get from this course?

Credits towards NCEA Level 1

SPEC - Certificate

Standards in this course are recommended for Vocational Pathways in Social and Community, Service Industries, Creative Industries and Primary Industries.

What do I need to do this subject?

No pre-requisites – this course is aimed at students who do not wish to study 6 full Level 1 subjects, but offers some credits plus an alternative.

What will I learn?

Study Level 1 NCEA - up to 15 credits in work and health related topics:

- CV
- Interviews
- Rights and responsibilities
- Health
 - Personal wellness
 - Personal use of alcohol and drugs

Level 1 SPEC Certificate

- A self paced and directed course
- A student focused course
- Topics include: art, computing, design, sport, careers, personal growth and development

What is this subject necessary for?

Life beyond school.

What equipment/stationery do I need?

x2 A4 folders and refill

Coloured pens and pencils

Clear plastic pockets X 100

What will this course cost?

\$30.00 – SPEC workbook

Who should I see for further advice?

Mrs V Hay

Year 12

Year 12

In Year 12, students at Waitaki Girls' High School are usually working towards **NCEA Level 2**. In order to gain a Level 2 Certificate students need to gain 60 Level 2 credits, having first completed their Level 1 Certificate. Some subjects may offer credits at other levels. Students must make sure that their course provides the opportunity to meet the literacy requirements for University Entrance. It is also necessary to have a minimum of 10 Level 1 numeracy credits for University Entrance. Level 2 literacy credits: 5 in reading and 5 in writing.

NCEA certificates may be gained with Merit or Excellence endorsement. To be eligible for this, a student must gain 50 credits at Merit for Merit endorsement, and 50 credits at Excellence for Excellence endorsement.

In addition, a student may also gain course endorsement. To gain Excellence endorsement, a student must gain 14 credits from a course in Excellence; 3 of these standards must be internal credits and 3 must be external credits. To gain Merit endorsement, a student must gain 14 credits from a course in Merit; 3 of these standards must be internal credits and 3 must be external credits. Physical Education is exempt from these requirements as it is totally internally assessed.

Entry into some subjects is restricted; entry requirements are clearly outlined on each subject page.

Students are eligible to take a subject offered for the first time at Level 2 provided they have gained Level 1 NCEA.

All students in Year 12 will take six subjects including English, plus one period per week of a Life Skills programme, which has a charge of \$20.00 depending on the course.

The Gateway Programme is offered at Waitaki Girls' High School. Students for this programme apply to be involved. Students study 5 subjects and undertake work placement and work-related study. More information is available in the subject area of this booklet.

The following subjects are available at Year 12 and will be offered if numbers warrant the course.

Accounting	History
Agriculture	Japanese (Distance Learning)
Alternative English	Textiles Technology
Art—Design	Mathematics—Bridge
Art—Painting	Mathematics
Art—Photography	Mathematics and Statistics
Biology	Music
Chemistry	Physical Education
Digital Technology—Print Design	Physics
Economics	Practical Physical Education
English	Skills Science
Food Technology and Nutrition	Te Reo (Distance Learning)
Gateway	Tourism
Geography	Transition
German	V Path
Graphics and Design (offered at WBHS)	

There is a separate National Certificate available in Tourism.

V Path

These courses are at Polytechnic. Students will be out of school one day per week. Students will have the opportunity to gain at least 20 credits in the Pathway they choose. Students need **to be committed to staying at school all year**. Students must go to their course every week. There will be contracts between the Polytechnic, School, Student and Parents. To apply students must write a letter of application to Mrs Hay, before the end of Term 3.

NCEA Fees: Fees for most students will be \$76.70. Payment is required by 31st August 2016. The contact webpage for NZQA is www.nzqa.govt.nz. Financial assistance can be applied for and you will be notified about this during the year. Application forms are available from the school office.

NB: Most universities are restricting enrolments to many of their courses and are demanding higher levels of passes for guaranteed entry than the minimum levels required by NCEA. Please check the university websites for more information or see the Careers Advisor. Credits at Merit and Excellence are important.

Year 12 Stationery List

Accounting	1B5 book or A4 folder and refill, 14R8 (accounting paper), calculator
Agriculture	A4 folder and refill or 2B8 (A4 hardcover book)
Art—Design	A3 art pad, A3 Art carry-bag, black ink pen, art pencils, pen drive
Art—Painting	A3 art pad (Paper thickness needs to be minimum 110gsm.) A3 Art carry-bag. Pencil set with a range of leads from 2B-6B. Paint set and personal brushes for homework.
Art—Photography	A3 art pad, A3 Art carry-bag, pen drive, personal camera with manual settings (aperture must range from f2 to f27 at least)
Biology	A4 folder and refill, dividers (set of 5)
Chemistry	A4 folder and refill or 2B8 or 2B5 (A4 hardcover book), calculator
Digital Technology	Visual Diary 60 leaf, recommended 8G usb
Economics	1B5 book or A4 folder and refill, calculator
English	2B8 (A4 hardcover book) plus refill for published work.
Alternative English	A4 folder and refill (A4 hardcover book)
Food Technology	1x 2B8 (A4 hardcover book) , 1x 40 page clear file
Gateway	A4 folder and refill
Geography	A4 folder and refill or 2B8 (A4 hardcover book), coloured pencils
German	1x 1B8 notebook
History	A4 folder and refill, dividers or 2B8 book (A4 hardcover book)
Japanese	A4 folder and refill
Maths—Bridge	2x 1E8 Quad books, Graphic calculator (CASIO is best)
Maths	2x 1E8 Quad books, Graphic calculator (CASIO is best)
Maths and Statistics	2x 1E8 Quad books, Graphic calculator (CASIO is best)
Music	40 page A4 clear file, refill pad, music manuscript book
Physical Education	A4 folder and refill, dividers or x6 20 pocket clear files
Physics	A4 folder and refill, calculator
Practical Physical Education	A4 folder and refill, dividers or x2 20 pocket clear files
Textiles Technology	3x 20 page clear files, white printing A4 paper, colouring pencils
Tourism	A4 folder and refill or 2B8 book (A4 hardcover book), coloured pencils, calculator
Transition	A4 folder and refill or 2B8 book (A4 hardcover book)
V-Path	A4 folder and refill
NB: It is recommended that all students have their own pen drive (2G minimum); eraser, black, blue and red pens, highlighters, glue stick, ruler and scissors	

Accounting

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2.

Standards for this course are recommended for Vocational pathways in: service industries and creative industries.

What do I need to do this subject?

Year 11 Business Studies or studied Achievement Standard Maths at Year 11.
Entry will be at the discretion of the teacher in charge.

What will I learn?

- The principles involved in figures, money, business systems and documents.
- An understanding of the basis of double-entry accounting.
- The presentation of accounting statements for sole traders.
- An understanding for the accounting systems for the control of stock, cash, accounts receivable and accounts payable to prevent fraud and embezzlement.
- MYOB computer application.
- Accounting software application

What is this subject necessary for?

Year 13 Accounting (NCEA Level 3) requires Accounting at Year 12.

What equipment/stationery do I need?

14R8 Accounting paper
1B5 book or A4 folder and refill
Calculator

What will this course cost?

Workbook \$23.00.

Who should I see for further advice?

Mr G Smith

Agriculture

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2.

This course contributes to: Level 1 literacy and numeracy.

Standards in this course contribute towards Vocational pathways in: primary industries

What do I need to do this subject?

An interest in Agriculture. There are no prerequisites for this course, but as it is an academic course (not practical skills based course), it would be better suited to students who have studied “full” Science and English at NCEA Level 1.

What will I learn?

- Science based practical investigation on an agricultural topic
- Management practices that influence livestock growth and development
- Livestock reproductive techniques
- Land use over the ages and possible future development
- Agricultural environment issues

What equipment/stationery do I need?

Agriculture workbook.

A4 folder and refill paper or 2B8 (A4 hardcover book)

What will this course cost?

Estimate \$20-\$30 to cover visits to local primary producers and other appropriate agricultural events.

Workbook \$8.00 (Costs to be confirmed)

Who should I see for further advice?

Mrs J Howden

Art—Design

Level 2

What qualification can I get from this course?

Standards offered in this course contribute to Level 1 literacy and are recommended for Vocational pathways in the creative industries.

What you are required to have:

Level 1 Art or evidence of ability in Art.

The year consists of:

The first 16 weeks are internal based assessments. The last 15 weeks (approximately) will be spent on your folio which is externally assessed.

Students will:

- Develop their research skills to understand the influence of context in their own and other's art-making.
- Develop their understanding of process and procedures from established practice to extend their skills for particular art-making purposes.
- Learn how to use critical analysis to interpret and respond to art works.
- Develop a systematic approach for the generation, analysis, clarification, and regeneration of ideas through the field of design.
- Develop and extend all learning into original work.

Stationery Requirements:

A3 Art pad
A3 Art carry-bag

Basic digital camera is useful but not mandatory, black ink pen, pencils. Photoshop software is advantageous for home use.

\$10.00 for reproduction costs, paper and courier for external assessment.

Up to \$70.00 for folio laser printing .

Who should I see for further advice?

Ms McIntosh

Art—Painting

Level 2

What qualification can I get from this course?

Standards offered in this course contribute to Level 1 literacy and are recommended for Vocational pathways in the creative industries.

What you are required to have:

Level 1 Art or evidence of ability in Art.

The year consists of:

The first 16 weeks are internal based assessments. The last 15 weeks (approximately) will be spent on your folio which is externally assessed.

Students will:

- Develop their research skills to understand the influence of context in their own and other's art-making.
- Develop their understanding of process and procedures from established practice to extend their skills for particular art-making purposes.
- Learn how to use critical analysis to interpret and respond to art works.
- Develop a systematic approach for the generation, analysis, clarification, and regeneration of ideas through the field of painting.
- Develop and extend all learning into original work.

Stationery Requirements:

A3 Art pad
A3 Art carry-bag

Paint set and brushes.
\$40.00 for art products (e.g. paint, brushes, card and paper) and courier for external assessment.

Who should I see for further advice?

Ms McIntosh

Art—Photography

Level 2

What qualification can I get from this course?

Standards offered in this course contribute to Level 1 literacy and are recommended for Vocational pathways in the creative industries.

What you are required to have:

Level 1 Art or evidence of ability in Art.

The year consists of:

The first 16 weeks are internal based assessments. The last 15 weeks (approximately) will be spent on your folio which is externally assessed.

Students will:

- Develop their research skills to understand the influence of context in their own and other's art-making.
- Develop their understanding of process and procedures from established practice to extend their skills for particular art-making purposes.
- Learn how to use critical analysis to interpret and respond to art works.
- Develop a systematic approach for the generation, analysis, clarification, and regeneration of ideas through the field of photography.
- Develop and extend all learning into original work.

Stationery Requirements:

A3 Art pad
A3 Art carry-bag

Camera with automatic AND manual aperture/shutter selection.
\$10.00 for reproduction costs, paper and courier for external assessment.
Up to \$70 for folio laser printing

Who should I see for further advice?

Ms McIntosh

Biology

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2.

This course contributes towards: Level 1 literacy.

Standards in this course are recommended for Vocational pathways in: primary industries, social and community services.

What do I need to do this subject?

Achievement in Science 1.11 Microbiology and Science 1.9 Genetics, plus literacy and numeracy at Level 1 NCEA.

What will I learn?

- You will carry out a study of a marine habitat, looking at the patterns of the organisms which live within it.
- Understand how plants have evolved and how they reproduce.
- Understand how animals exchange gases in their environment.
- Investigate cell structures and cellular processes such as photosynthesis and respiration.
- Understand how genetic traits are passed between generations and why variation is so important to all of us.

What equipment/stationery do I need?

A Biology workbook.

A4 folder and refill paper.

Set of 5 dividers.

What will this course cost?

Biozone course workbook \$25.00 (purchased through school office)

Field trip to the Marine Centre \$50 (This cost will be confirmed in 2016).

Optional examination revision guide \$17.00 (available Term 3).

Who should I see for further advice?

Mrs V Lilley- HOL Science

Chemistry

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2.

This course contributes towards: Level 1 literacy and numeracy.

Standards in this course are recommended for Vocational pathways in: manufacture and technology, construction and infrastructure, primary industries, social and community services, creative industries.

What do I need to do this subject?

Achievement in one of the Level One Chemistry based achievement standards, plus numeracy and literacy achievements at Level One, or at teacher in charge of Chemistry discretion.

What will I learn?

- Bonding, structure and energy changes
- Chemical reactivity
- Practical Oxidation – Reduction
- Organic Chemistry
- Practical qualitative analysis
- Practical quantitative analysis

What equipment/stationery do I need?

Chemistry workbook.

Lever arch folder and refill or hardcover exercise book 2B5 or 2B8

Calculator

What will this course cost?

Workbook \$40.00

(These costs will be confirmed in 2017).

Who should I see for further advice?

Mrs J Howden

Digital Technology

Level 2

There are two courses to choose from in Digital, an Achievement Standard or a Unit Standard, some movement between the courses is acceptable during the year.

Level 2 — Print Design

What qualification can I get from this course?

This is an Achievement Standards course, credits towards NCEA Level 2, literacy credits are available. Standards in this course contribute to Manufacture and Technology, and Creative Industries pathways, and are recommended in construction and infrastructure, primary industries, service industries, social and community services.

What do I need to do this subject?

You preferably have studied Year 11 Digital Technology to enter this course. Exceptions may be made in consultation with Mr Walters.

What will I learn?

The aim of the course is to provide students with the knowledge and skills that will enable them to participate competently in the technological society. Students will acquire the skills to be able to create print industry-standard documents. Students will create the front cover and department pages to be included in the school magazine.

What equipment/stationery do I need?

Visual diary A4 60 pages and it is recommended that you have a USB pen drive 8GB.

Level 2—Practical Computer Skills

What qualification can I get from this course?

This is a Unit Standards course, credits towards NCEA Level 2. Standards in this course contribute to Manufacture and Technology, and Creative Industries pathways, and are recommended in construction and infrastructure, primary industries, service industries, social and community services.

What do I need to do this subject?

Although it is of benefit to have studied Year 11 Digital Technology to enter this course, this is an open entry course with the consultation with Mr Walters.

What will I learn?

The focus of the course is on the development of practical computer skills with a strong emphasis on building skills in a range of common application software, its uses and functions. You will learn to develop your ability to input and manipulate information and to create and present words in a variety of ways to produce digital media which are visually appealing using computer applications in order to communicate effectively.

What equipment/stationery do I need?

Recommended USB pen drive 8GB.

What will the courses cost?

Students need to be aware that they will need to top up their printing account if they want hard copies throughout the year.

Who should I see for further advice?

Mr J Walters; Ms B Gillies (HOL)

Economics

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2

This course contributes to UE literacy requirements.

Standards for this course are recommended for Vocational Pathways in: creative and service industries, and social and community services.

What do I need to do this subject?

Year 11 Business Studies or studied Achievement Standard English at Year 11.
Entry will be at the discretion of the teacher in charge.

What will I learn?

The Year 12 economics course investigates 3 major economic issues:

- Economic Growth
- Inflation
- Trade

These everyday issues are related specifically to the operation of the New Zealand economy.

During the course students will be developing a range of skills while investigating the issues above.

1. Exploring the issues using economic concepts.
2. Examining the issues using economic models.
3. Demonstrating an awareness of government policies relating to economic issues.
4. Carrying out an investigation of an economic issue.

What is this subject necessary for?

Year 13 Economics (Level 3) requires Economics at Year 12 (Level 2).

What equipment/stationery do I need?

1B5 book or A4 folder and refill, calculator

What will this course cost?

Workbook \$25.00

Who should I see for further advice?

Mr G Smith

English

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2, this is the programme that offers the reading and writing credits to meet University Entrance literacy requirements. Standards in this programme are recommended for Vocational Pathways in: creative industries, social and community services, construction and infrastructure, primary industries, manufacturing and technology, and service industries.

What do I need to do this subject?

At least one Level 1 internal achievement standard in writing and one Level 1 external achievement standard.

What will I learn?

- Writing skills – particularly transactional writing.
- Close reading of literature – e.g. poetry, Shakespearean play, novel, short stories, non-fiction
- Oral skills – speeches
- Skills in viewing static and moving images (films).

What is this subject necessary for?

Credits in Level 2 achievement standards will contribute to University Entrance. Level 2 English is also necessary for entry into Level 3 English.

What equipment/stationery do I need?

2B8 (A4 hardcover book) plus refill for published work

What will this course cost?

Optional examination revision guide \$17.00 (This will be confirmed in 2017).

Who should I see for further advice?

Mrs S Johnston or your current English teacher.

Food Technology and Nutrition

Level 2

What qualification can I get from this course?

NCEA Level 2. Literacy credits available.

Assessment is Internal and External

The course is recommended for students interested in careers related to nutrition, health and well-being, food technology, the food industry and community and social services.

Standards in this course contribute to Vocational Pathways in Manufacture and technology and creative industries and are recommended in construction and infrastructure, primary industries, service industry and social and community services.

What do I need to do this subject?

A background in Level 1 Food Technology and Nutrition is highly recommended.

You need an interest in nutrition, food preparation and a desire to learn about people and their specific health needs.

A willingness to take part in all practical aspects of the subject.

What will I learn?

The course is focused on a variety of nutritional aspects and how they affect New Zealanders both at a personal and societal level.

It encourages informed food choices to promote good health and well-being.

Throughout this course you will learn about:

- The Food and Nutrition Guidelines
- Functions of macro and micronutrients in regards to Sports Nutrition
- The effects of lifestyle and diet on individuals and society
- Sustainable food related practises
- Recipe design and adaption
- Health promoting strategies to address a nutritional need
- Health enhancing techniques in the selection and preparation of food
- Interpersonal and societal influences on food choice
- Practical skills for food preparation

This subject will improve your planning and research skills required for NCEA 3

What equipment/stationery do I need?

1x 2B8 (A4 hardcover book)

1x 40 page clear file

A suitable container for taking home practical work is required weekly.

What will this course cost?

\$80.00 for ingredients

Gateway

Level 2

What qualification can I get from this course?

This is an alternative course that gives you a chance to gain some industry-based training and qualifications at an appropriate level. You need to have a career focus to be considered for the privilege to be part of this programme.

You will be able to gain credits towards NCEA Level 2 or 3, these credits are industry based.

Credits towards Vocational pathways in most areas are available depending on personal work area.

What do I need to do this subject?

You need to write a letter of application to Mrs P Ambler giving reasons why you wish to be involved in the programme, your long-term career goals and showing the commitment you would bring to the programme, to school and your employer. **The due date for this letter is 23rd September 2015.**

What will I learn?

You will have one day per week in the workplace, where you will be a trainee. You will be treated as any employee with the same expectations. You will undertake work-related study, which may be assessed on the job or through correspondence. We have the expectation that you will complete all your work-related units and keep up with any missed class work from all subjects.

What is this subject necessary for?

Future employment.

What equipment/stationery do I need?

Most stationery will be provided but you will need a ring binder and pens etc. Clothes suitable to wear in your choice of workplace.

What will this course cost?

Gateway pays for any work-related and course costs.

Who should I see for further advice?

Mrs P Ambler or Mrs Hay
(20 places available over Year 12 and 13)

Geography

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2

Credits towards University Entrance literacy requirements.

Standards for this course are recommended for Vocational pathways in: creative industries, primary industries, service industries, social and community service.

What do I need to do this subject?

Ability in written English, some interest in how people understand and interact with both natural and cultural environments.

What will I learn?

- Physical Geography - South Island High Country
- Economic Geography - Differences in Development
- Geographic Concepts and Skills

- Geographic Research
- Understanding of an urban pattern
- A Global Geographic Topic

What is this subject necessary for?

It provides knowledge of people and their environment and is especially useful for: resource management; economics; ecology; tourism; law; biology; teaching; geology; town planning; marketing and management.

What equipment/stationery do I need?

- Ring binder (A4) or hard covered book (2B8) for notes
- Refill pad
- Coloured pencils
- Your own atlas at home for reference (strongly recommended)

What will this course cost?

Field Trips - Mount Cook - \$110.00

Who should I see for further advice?

Mr G Pestell

German

Level 2

What qualification can I get from this course?

Standards in this programme will contribute credits towards NCEA Level 2 and are recommended for the vocational pathways, in particular social and community services, service industry and creative industries.

What do I need to do this subject?

NCEA Level 1 Achievement Standards: 1.1, 1.3, 1.4, 1.5 German or as approved by the HOL.

What will I learn?

By Curriculum Level 7, students will learn to engage in sustained interactions and produce extended texts as we explore the views of others and develop and share personal perspectives. This includes expressing and justifying our own ideas and opinions, as well as supporting and challenging the ideas and opinions of others.

Students will be able to respond to and communicate information, ideas and opinions through increasingly complex and varied texts. They will be able to communicate a critical response to stimulus material and demonstrate understanding of a variety of extended spoken and written German.

Contexts covered include the life of young people, future plans, New Zealand as a tourist destination, exchanges to Germany and looking at films and fairytales.

What equipment/stationery do I need?

1B8 notebook

Workbook (to be ordered through the Language Department)

What will this course cost?

Workbook - \$16.00.

\$30.00 for subscription to Language Learning Website. (optional)

Who should I see for further advice?

Mrs J Grant

Graphic and Design

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2.

Standards in this course are recommended for Vocational Pathways in: Manufacturing and technology, construction and infrastructure, and creative industries.

What do I need to do this subject?

An interest in design, freehand drawing, traditional technical drawing and computer aided design (CAD).

What will I learn?

In Level 2, students produce conceptual designs in the fields of Architecture, Product Design and Graphic Design using freehand drawing, traditional technical drawing and CAD to create designs. Students will learn about the work of professional designers and make 3D models of their designs using 3D printing facilities.

Assessment is both internal (19 credits) and external (3 credits). Internal assessment is via two major design projects and external through portfolio submission of best design work.

Who should I see for further advice?

Ms Williams

History

Level 2

What qualification can I get from this course?

The Year 12 History course contributes towards a possible 24 credits for Level 2 NCEA.

Standard in this course are recommended for Vocational Pathways in service industry and creative industry.

The standards within this course contribute to University Entrance literacy requirements.

What do I need to do this subject?

Preferable that the students are taking NCEA Level 2 English. An awareness that reading and formal writing are key parts of this subject, and an interest and enjoyment of History.

What will I learn?

Thematic Study

Pathway To A Fairer Society

The fight for Civil Rights

- Parihaha
- Gandhi
- Michael Collins
- Martin Luther King Jnr and Malcom X

Internal Assessment

The Impact of the Gold Rush on Central Otago

What equipment/stationery do I need?

A4 Folder, dividers if using a folder or a 2B8 (A4 hardcover) book

What will this course cost?

Time and commitment

Field Trip to Central Otago \$150.00 (This cost will be confirmed in 2017).

Who should I see for further advice?

Ms S Hull

Japanese

Level 2

What qualification can I get from this course?

Standards in this programme will contribute credits towards NCEA Level 2 and are recommended for the vocational pathways, in particular social and community services, service industries and creative industries.

What do I need to do this subject?

NCEA Level 1 Achievement Standards: 1.1, 1.3, 1.4, 1.5 Japanese, or as approved by the HOL.

What will I learn?

By Level 7, students will learn to engage in sustained interactions and produce extended texts as we explore the views of others and develop and share personal perspectives. This includes expressing and justifying our own ideas and opinions, as well as supporting and challenging the ideas and opinions of others.

Students will be able to respond to and communicate information, ideas and opinions through increasingly complex and varied texts. They will be able to communicate a critical response to stimulus material and demonstrate understanding of a variety of extended spoken and written Japanese and read and write about 75 Kanji.

What equipment/stationery do I need?

A4 folder and refill

What will this course cost?

\$30.00 for subscription to Language Perfect Learning website (optional)

Who should I see for further advice?

Mrs J Grant

Level 2 Alternative English

Levels 1 and 2

This programme is designed for students who are not yet ready for a full Level 2 English programme. The focus is on developing reading and writing skills. Most of the assessments are internal; external assessments may be offered to students with sufficiently developed skills. Standards in this programme are recommended for Vocational Pathways in: creative services, primary industries, social and community services construction and infrastructure, and manufacture and technology.

What qualification can I get from this course?

A mixture of Level 2 Unit Standards and Level 1 and 2 Achievement Standards.

What do I need to do this subject?

Year 11 English or Alternative English in Year 11.

What will I learn?

- Written language – reading and writing.
- Oral language – speaking and listening.
- Visual language - presenting and viewing.

What is this subject necessary for?

Students can continue with Alternative English at Year 13. Students may prefer to take English courses at Year 11 or 12 in future years. Note that a minimum of 10 Level 1 literacy credits are needed to gain NCEA Level 1 Certificate. Work produced in this course may also provide evidence for Level 1 literacy unit standards. **Some** Level 2 English standards may be offered. **Some** may contribute towards the Literacy requirements for entry into tertiary courses.

What equipment/stationery do I need?

1B8 exercise book

What will this course cost?

Time and commitment.

Who should I see for further advice?

Mrs S Johnston or your current English teacher.

Mathematics—Bridge

Level 1/2

What qualification can I get from this course?

14 credits at Level 1 and 8 credits towards NCEA Level 2

Standards on this course are recommended for Vocational Pathways in; creative industries, construction and infrastructure, manufacturing and technology, primary industries, service industries, social and community services.

What do I need to do this subject?

Numeracy accreditation at Level 1 (10 credits) – either from the Numeracy course or from just internally assessed standards from the Level 1 mathematics course.

This course is designed to bridge the gap between the basic Numeracy qualification at Level 1 and study in Mathematics at Level 2. Your skills across the Number & Algebra and Statistics & Probability strands of the NZ curriculum will be strengthened and developed in order that you can meet the increased challenges of Level 2 Mathematics.

You need a good attitude to learning and to be willing to put in the time to practise each skill until it is mastered – both in class and at home.

What will I learn?

Number, Linear Algebra, Trigonometry, Statistics, Probability, Networks.

What is this subject necessary for?

Access to the Level 2 Mathematics and Statistics course at Level 2.

Helping you get the necessary Mathematical accreditation for access to polytechnic courses and to support Gateway and V-Path courses.

What equipment/stationery do I need?

Graphic calculator

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$20.00 (optional) for homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane

Mathematics

Level 2

What qualification can I get from this course?

20 Credits towards NCEA Level 2

Standards in this course are recommended for Vocational Pathways in: creative industries, construction and infrastructure, manufacturing and technology, primary industries, service industries, social and community services.

What do I need to do this subject?

At least 16 credits at Level 1 NCEA including Achievement Standards- including:

91027 Apply algebraic procedures in solving problems.

91028 Investigate relationships between tables, equations and graphs.

This course is demanding and many of the concepts are abstract and algebraic in nature so students need to be willing to work hard and do regular homework.

Students need to show an ability to apply the numerical skills and ideally should have gained a Merit grade in Achievement Standard 91027 (Algebra).

What will I learn?

Calculus, probability, algebra, trigonometry and graphing functions.

What is this subject necessary for?

Level 3 Calculus.

It can also provide a pathway to Level 3 Statistics.

What equipment/stationery do I need?

Graphic calculator, ruler.

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$20.00 (optional) for homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane

Mathematics and Statistics

Level 2

What qualification can I get from this course?

20 Credits towards NCEA Level 2

Standards in this course are recommended for Vocational Pathways in: creative industries, construction and infrastructure, manufacturing and technology, primary industries, service industries, social and community services.

What do I need to do this subject?

15 credits at Level 1 NCEA Mathematics

Note: Credits gained from Mathematics Numeracy Level 1 do not provide sufficient skills to cope with this course.

What will I learn?

How to solve problems involving:

- statistics
- probability
- basic algebra and co-ordinate geometry
- networks
- Trigonometry

What is this subject necessary for?

Achieving Level 2 credits from a course that offers internal achievement standards and one external achievement standard.

Many careers require Mathematics credits at this level.

Success in this course will provide the skills required to undertake the Level 3 Statistics course.

What equipment/stationery do I need?

Graphics calculator, ruler.

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$25.00 (optional) for homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane.

Music

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2. Standards offered in this course contribute to Level 2 Literacy and towards Vocational Pathways in the creative industries.

What do I need to do this subject?

- Have passed Level 1 performance standards and one external standard **or**;
- Passed a minimum of Grade 3 practical music or an equivalent standard **or**;
- A consultation with the Head of Learning.

What will I learn?

Students will:

- develop a practical knowledge of music by listening to and experimenting with music and by attempting to notate music through playback and aural realisation
- develop ideas in music by experimenting, improvising, composing and arranging pieces of original music
- communicate and interpret music by performing their own and the music of others
- understand music in context through identifying, describing, analysing and classifying music

Students can choose a mix of standards in consultation with the teacher depending on their interest.

What is this subject necessary for?

NCEA Level 3 Music

What equipment/stationery do I need?

40 page A4 clear file, refill pad, music manuscript book

What will this course cost?

Cost of hiring an instrument for itinerant music lessons if required.
\$10.00 workbook

Who should I see for further advice?

Miss D Kim

Physical Education

Level 2

What qualification can I get from this course?

25 credits towards NCEA Level 2 (100% Internally Assessed)

Standards in this course contribute to Level 1 literacy.

Standards in this course contribute towards Vocational pathways in: service Industries, social and community services, creative industries.

What do I need to do this subject?

An interest in Physical and Outdoor Education activities as well as knowledge of how the body works.

What will I learn?

Students will:

1. Work effectively with others during adventure based learning activities in Wanaka and at school.
2. Demonstrate performance in Athletics and skiing/snow boarding.
3. Analyse group processes and risk management strategies before, during and after a 3 day tramping trip and 3 day skiing trip.
4. Apply principles of anatomy, biomechanics, motor learning and sports psychology through Badminton
5. Plan and taken part in a downhill skiing or snowboarding trip
6. Experience a variety of principles and methods of training and exercise physiology through Touch

What equipment/stationery do I need?

Clothing appropriate to physical activity and outdoor education.

A4 folder, dividers, or x6 20 pocket display books, refill paper

What will this course cost?

Workbook - \$21.00

Wanaka Tramp (4 days) - \$170.00

Nordic and Downhill Ski Trip (3 days) - \$350.00

(These costs will be confirmed
in 2017)

{Fundraising can be organized to help pay for the outdoor trips.}

Who should I see for further advice?

Mrs D Roberts

Physics

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2.

Merit or Excellence Endorsement in Physics.

Standards in this course are recommended for Vocational Pathways in primary industries, construction and infrastructure, manufacture and technology, social and community services and creative industries.

What do I need to do this subject?

Achievement in Science 1.1 mechanics plus numeracy and literacy in Level 1 NCEA and be taking Mathematics at Year 12 or above.

What will I learn?

- About the Physical world we live in.
- Topics will include Mechanics (motion and energy), Electricity and Atomic Physics.
- Practical physical skills. Learn about the Physics in the world we live in.

What equipment/stationery do I need?

A4 folder and refill, calculator

What will this course cost?

Physics course workbook \$30.00 approx.

Field trip \$20 approx.

(This cost will be confirmed in 2017)

Who should I see for further advice?

Dr H McIntyre

Practical Physical Education

Level 2

What qualification can I get from this course?

18 credits towards NCEA Level 2 (100% Internally Assessed)

This course is similar to Year 12 Physical Education but includes more practical and less theory work.

Standards in this course contribute to Level 1 literacy.

Standards in this course contribute towards Vocational pathways in: service industries, social and community services, creative industries.

What do I need to do this subject?

An interest in Physical and Outdoor Education activities (for students who have not done Level 2 PE or PPE already/ or who are involved in Gateway or VPath)

What will I learn?

Students will:

- Analyse group processes and risk management strategies before, during and after a 3 day tramping trip
- Demonstrate performance in Athletics, Badminton and Nordic skiing
- Participate in a fitness programme at the Rec Centre
- Work effectively with others during adventure based learning activities in Wanaka and at school.
- Plan and take part in a downhill skiing or snowboarding trip

This course is 100% internally assessed using Achievement Standards. It is suitable for students who prefer practical work and who do not need knowledge of anatomy, biomechanics or exercise physiology.

What equipment/stationery do I need?

Clothing appropriate to physical activity and outdoor education.

A4 folder and dividers or x2 20 pocket display books, refill paper.

What will this course cost?

Wanaka Tramp (4 days) - \$170.00

Nordic and Downhill Ski Trip (3 days) - \$350.00

(These costs will be confirmed
in 2017)

{Fundraising can be organised to help pay for the outdoor trips.}

Who should I see for further advice?

Mrs D Roberts

Textiles Technology

Level 2

What qualifications can I get from this course?

NCEA Level Two.

Assessment has Internal and External standards

This subject contributes to Manufacture and Technology, construction and infrastructure and creative industries Vocational Pathways.

What do I need to do this subject?

Students need an interest in the design process, working with textiles and being creative.

Priority will be given to Year 11 Textiles Technology students. However students who have taken Art or Digital Technology can negotiate with Ms Gillies if they want to enter at Year 12.

Students need to be prepared to spend time at lunch and after school to complete their projects. All sewing is required to be completed at school and paper work can be done at home.

What will I learn?

The senior Textile Design Technology Program has been designed to give students' access to a wide variety of Fashion and Design based skills.

In year 12 students write an external report and complete three units where students are assessed on their creativity, production skills and time management. In the first unit students will make advanced adaptations of a pattern for a specified garment and the second unit will construct the garment with advanced skills in an efficient manner.

The third unit students create an item of their own choice. The External is a research project that involves looking at how materials enhance specific products.

What equipment/ stationary do I need?

3x 20 leaf clear file, white printing A4 paper

Colouring pencils

1x Project materials/fabric

What will this course cost?

Students supply project materials, threads, and notions at a cost to themselves.

\$50 is charged for the supply of interfacing, calico for functional modelling.

Who do I see for further advice?

Ms Gillies (HOL)

Tourism

Level 2

What qualification will I get from this course?

This will provide the necessary Level 2 Unit Standards towards the National Certificate in Tourism and Travel (Introductory Skills), Level 2. The Level 3 units required to complete the N.Z Certificate will be offered in Year 13.

Credits gained can also be counted for NCEA Level 2.

Standards in this course are recommended for Vocational pathways in: service industries.

What do I need to do this subject?

An interest in the New Zealand Tourism Industry. An awareness that independent computer work is an important part of this course.

What will I learn?

Students will:

- develop knowledge of world and New Zealand tourism destinations
- develop a wide range of skills related to working in the tourism and travel industry
- develop an awareness and understanding of the role of the tourism industry in New Zealand and the world
- develop vocational skills relevant to working with people.

What is this subject necessary for?

Tourism is a vocational course that may lead directly to employment. Students may also move on to Tertiary study in Tourism, Hospitality and Travel.

What equipment/stationery do I need?

A4 Folder and refill or 2B8 (A4 hardcover) book
Coloured pencils
Calculator

What will this course cost?

Time and commitment

Who should I see for further advice?

Ms S Hull or Ms M Williams

Transition

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2 (Level 1 and 3 as required)

Standards in this course are recommended for Vocational Pathways in Social and Community, Service Industries Creative Industries and Primary Industries.

What do I need to do this subject?

No pre-requisites.

What will I learn?

Skills for life after school:

- Work skills and expectations
- Workplace expectations
- Interview skills
- Information needed for flatting
- Budgeting
- Interpersonal skills
- Parenting skills
- Tots and Toddlers course
- Consumer skills
- SPEC (if the students require it)

What is this subject necessary for?

Life beyond school.

What equipment/stationery do I need?

A4 folder and refill or 2B8 (A4 hardcover) book, pens.

What will this course cost?

Nil (unless students choose to do SPEC which costs \$30 per booklet)

Who should I see for further advice?

Mrs V Hay

V Path

Level 2

What qualifications can I get from this course?

Credits towards NCEA Level 2

Standards in this course are recommended and may contribute to Vocational Pathways in the sector you choose: service sector, primary industries or construction and infrastructure.

What do I need to do this subject?

No pre-requisites.

What will I learn?

There are Level 2 courses being offered at ARA. You will gain at least 20 credits in the course of your choice. Possible courses may include:

- Service Sector—Hair and Beauty
- Service Sector—Introduction to Cookery, Hospitality and Beverage Service
- Service Sector—Business and Administration
- Service Sector—NZ Certificate in Salon Skills—2 days
- Manufacturing and Technology Sector—Automotive
- Manufacturing and Technology Sector—Digital Technology
- Construction and Infrastructure—Construction
- Social and Community Services—Community Health and Support
- Community and Health—Early Childhood
- Community and Health—Sustainability and outdoors
- Creative Industries—Introduction to Fashion Design

There is one Level 2 Agribusiness Course offered in Oamaru through Agribusiness. Primary Industries—Agriculture. This is practical Agriculture course.

These courses run one day per week usually Friday. **You must commit to staying at school for the full year and commit to completing the whole course.**

If you wish to be considered for any VPath course you must write a letter of application to Mrs Hay before the end of Term 3, 2016.

What is this subject necessary for?

A career in the chosen area

What equipment/stationery do I need?

A4 folder, refill and pens.

What will this course cost me?

The School covers the costs of the course.

You need to provide appropriate clothing including footwear for your course.

Who should I see for further advice?

Mrs V Hay

Year 13

Year 13

Year 13 is a year of additional freedom and also new and special demands on you. You are required to be more responsible for your motivation, time management and attainment as well as accepting responsibility for selecting a course appropriate to your proposed career. In Year 13 you will take a course of five subjects plus one period per week of a Life Skills programme. This gives four periods per week of study.

Some important issues to consider when selecting your course:

- ♦ Be realistic - choose subjects at the level with which you can cope. This means your course may include a mix of Level One, Two and Three subjects. Note carefully the prerequisites for the various subjects.
- ♦ Be aware of entry requirements for Universities and Polytechnics as outlined below.
- ♦ Please consult with the Careers Advisor or Year 13 Dean if you are unsure about your selected course of study.
- ♦ At this level, no subject is compulsory.
- ♦ Students are eligible to take a subject offered for the first time at Level 3 provided they have gained Level 2 NCEA.

NCEA (Level 3)

To achieve this qualification, you will have to accumulate 80 credits across all subjects. 60 credits must be at Level 3 and 20 at Level 2 (or above). Credits can be obtained through Achievement Standards or Unit Standards.

NCEA certificates may be gained with Merit or Excellence endorsement. To be eligible for this, a student must gain 50 credits at Merit for Merit endorsement, and 50 credits at Excellence for Excellence endorsement.

In addition, a student may also gain course endorsement. To gain Excellence endorsement, a student must gain 14 credits from a course in Excellence; 3 of these standards must be internal credits and 3 must be external credits. To gain Merit endorsement, a student must gain 14 credits from a course in Merit; 3 of these standards must be internal credits and 3 must be external credits. Physical Education is exempt from these requirements as it is totally internally assessed.

Subjects available

Accounting	History
Agricultural & Horticultural Science	Japanese (Distance Learning)
Art–Design	Textiles Technology
Art—Painting	Mathematics with Calculus
Art—Photography	Mathematics and Statistics
Biology	Music
Chemistry	Physical Education
Classical Studies	Physics
Digital Technology (Web Design)	Practical Physical Education
Economics	Alternative English
English	Te Reo (Distance Learning)
Food Technology and Nutrition	Tourism
Geography	Transition
German	VPath
Graphics (offered through WBHS)	

The Gateway Programme is offered at Waitaki Girls' High School. Students for this programme apply to be involved by letter to Mrs Ambler. Students study 4 subjects and undertake work placement and work-related study. More information is available in the subject area of this booklet.

VPath

These courses are Polytechnic based. Students will be out of school one day per week. Students will have the opportunity to gain at least 20 credits in the Pathway you choose. **Students need to be committed to staying at school all year.** Students must go to their course every week. There will be contracts between the

Polytechnic, School, Student and Parents. To apply students must write a letter of application to Mrs Hay, before the end of Term 3.

NCEA Fees

Fees for most students will be \$76.70. Payment to the school as per other levels.

University Entrance 2017

University Entrance (UE) will continue to be the minimum requirement to go to a New Zealand university.

- NCEA Level 3
- Three subjects—at **Level 3 or above**, made up of:
 - * 14 credits each, in three approved subjects
- Literacy—10 credits at Level 2 or above made up of:
 - * 5 credits in reading
 - * 5 credits in writing
- Numeracy—10 credits at Level 1 or above, made up of:
 - * Achievement standards—specified achievement standards available through a range of subjects, or
 - * Unit standards—package of three numeracy standards (26623, 26626, 26627—all three required).

Once you have met the requirements for University Entrance it will appear on your Record of Achievement.

Standards contributing to University Entrance Literacy can be found at: www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/literacy-requirements

NB Most universities are restricting enrolments to many of their courses and are demanding higher levels of passes for guaranteed entry than the minimum levels required by NCEA. Please check the university websites for more information or see the Careers Advisor. Credits at Merit and Excellence are important.

Approved subjects

The Board of the Qualifications Authority has approved the list of approved subjects for University Entrance. Subjects not in the approved list may be used for University Entrance, as they contribute towards NCEA Level 3.

Approved subjects offered at Waitaki Girls' High School for University Entrance

Accounting	Agriculture and Horticulture	Biology
Chemistry	Classical Studies	Economics
English	Geography	German
History	Home Economics	Japanese
Mathematics with Calculus	Mathematics and Statistics	Music
Painting	Photography	Physical Education
Physics	Technology	

Scholarship

There are Scholarship level exams available in subjects identified by Universities. Scholarship is through external exams and students may sit in up to 5 subjects. All subjects in the list approved for University Entrance are offered at Scholarship Level.

If you are interested in sitting Scholarship subject(s), you need to realise the amount of extra time and effort which is required to be successful in these examinations. Discuss this with your parents, teacher and HOL. If you are still interested, contact the Year 13 Dean as extra tuition may be available later in the year.

Year 13 Stationery List

Accounting	1B5 book or A4 folder and refill, 14R8 (accounting paper), calculator
Agriculture	A4 folder and refill or 2B5 or 2B8 (hardcover) book, x2 1B5 books
Art—Design	A3 art pad, black ink pen, art pencils, pen drive
Art—Painting	A3 art pad. Paper thickness needs to be minimum 110gsm. Pencil set with a range of leads from 2B-6B. Art pencils. Paint set.
Art—Photography	A3 art pad, pen drive, art pencils, personal camera with manual settings (aperture must range from f2 to f27 at least)
Biology	A4 folder and refill, dividers (set of 5)
Chemistry	A4 folder and refill or 2B5 or 2B8 (hardcover) book, calculator
Classical Studies	A4 folder and refill or 2B8 book, clear files, post-it notes
Digital Technology	Visual Diary 60 leaf, recommended 8G usb
Economics	1B5 book or A4 folder and refill, calculator
English	A4 folder and refill
Alternative English	A4 folder and refill
Food Technology	1x 2B8 (A4 hardcover) book, 1x 40 page clear file
Gateway	A4 folder and refill
Geography	A4 folder and refill or 2B8 (A4 hardcover) book, coloured pencils
German	1x 1B8 notebook
History	A4 folder and refill, dividers or 2B8 book
Japanese	A4 folder and refill
Maths with Calculus	2x 1E8 Quad books, Graphic calculator (CASIO is best)
Maths and Statistics	2x 1E8 Quad books, Graphic calculator (CASIO is best)
Music	40 page A4 clear file, refill pad, music manuscript book
Physical Education	A4 folder and refill, dividers or x5 20 pocket clear files
Physics	A4 folder and refill, calculator
Practical Physical Education	A4 folder and refill, dividers or x5 20 pocket clear files
Textiles Technology	2x 40 page clear files, 1x A3 paper, white printing A4 paper, colouring pencils
Tourism	A4 folder and refill or 2B8 book (A4 hardcover book), coloured pencils, calculator
Transition	A4 folder and refill or 2B8 (A4 hardcover) book
V-Path	A4 folder and refill

NB: It is recommended that all students have their own pen drive (2G minimum); eraser, black, blue and red pens, highlighters, glue stick, ruler and scissors

Accounting

Level 3

What qualification can I get from this course?

Credits towards Level 3 NCEA.

This course contributes to University Entrance literacy requirements.

What do I need to do this subject?

- Year 12 Accounting NCEA Credits of 10 or more (or at the discretion of the teacher in charge – please see Mr Smith to discuss).

What will I learn?

- Concepts of Accounting.
- Preparation of information for management.
- Accounting systems for partnerships, companies and manufacturing concerns.
- The preparation of financial statements for partnerships and companies.

Equipment

Calculator

Accounting paper 14R8

1B5 book or A4 folder and refill

What will this course cost?

Workbook - \$28.00

Who should I see for further advice?

Mr G Smith

Agriculture

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3.

This course contributes to University Entrance literacy (reading and writing)

What do I need to do this subject?

An interest in Agriculture. There are no prerequisites for this course, but as it is an academic course (not a practical skills based course), it would be better suited to students who have studied “full” Science and English at NCEA Level 1.

What will I learn?

- Investigate an aspect of a New Zealand primary product or its production
- Research factors which affect the profitability of a NZ primary product
- Analyse primary product environmental issues
- Understand how market forces affect supply and demand for NZ primary products

What equipment/stationary do I need?

A4 Folder and refill or 2B5 or 2B8 (hardcover book)
2x softcover books 1B5

What will this course cost?

Estimate \$20—\$30 to cover visits to local primary producers and other appropriate agricultural events

Who should I see for further advice?

Mrs J Howden

Art - Design

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. Standards offered in this course contribute to University Entrance literacy.

What do I need to do this subject?

Level 2 Design or Photography.

This subject relies heavily on Photoshop applications therefore Level 2 Art Design/ Photography or Level 2 Digital Technology is recommended.

Students will:

- Develop knowledge and understanding of the established processes and techniques belonging to Design practice.
- Understand and work within the constraints imposed, the process, procedures and materials belonging to Design practice.
- Develop student's ability to use drawing as the central means of generating, analysing, clarifying and regenerating ideas.
- Develop a systematic approach to learning. And be able to extend such learning into original work.

What is this subject necessary for?

Entry to Design courses.

What equipment/stationery do I need?

A3 art pad, water-colour pencils, paints, variety of black markers / pencils and pen-drive.

Photoshop software is advantageous for home use.

What will this course cost?

Up to \$100.00 Folio production (payable directly to Brackens Print by individual students)

\$10.00 for reproduction costs, paper and courier for external assessment.

Who should I see for further advice?

Ms McIntosh

Art—Painting

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. Standards offered in this course contribute to University Entrance literacy.

What do I need to do this subject?

Level 2 Painting

What will I learn?

You will work within a recognised style of painting on a theme of your choice and learn the techniques used by artists in your chosen style.

Students will:

- Develop knowledge and understanding of the established processes and techniques belonging to Painting practice.
- Understand and work within the constraints imposed, the process, procedures and materials belonging to Painting practice.
- Develop student's ability to use drawing as the central means of generating, analysing, clarifying and regenerating ideas.
- Develop a systematic approach to learning. Be able to extend such learning into original work.

What is this subject necessary for?

Entry to Art Schools or Polytechnic and University Courses

What equipment/stationery do I need?

Own paints and brushes

A3 art pad

What will this course cost?

Personal painting equipment.

\$40.00 for paint, paper, other art products and courier for external assessment.

Who should I see for further advice?

Ms McIntosh

Art—Photography

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. Standards offered in this course contribute to UE literacy.

What do I need to do this subject?

Year 12 Photography

Students will:

- Develop knowledge and understanding of the established processes and techniques belonging to Photography practice.
- Understand and work within the constraints imposed, the process, procedures and materials belonging to Photography practice.
- Develop student's ability to use drawing as the central means of generating, analysing, clarifying and regenerating ideas.
- Develop a systematic approach to learning. And be able to extend such learning into original work.

What is this subject necessary for?

Entry to Art Schools or Polytechnic and University Courses

What equipment/stationery do I need?

A3 art pad, pen drive, art pencils, personal camera with manual settings (aperture must range from f2 to f27 at least). Student require own camera.

Pen-drive

Photoshop software on your home computer is advantageous.

What will this course cost?

Approximately \$100.00 folio production costs. (Payable directly to Brackens Print by individual students)

\$10.00 for reproduction costs and courier for external assessment.

Who should I see for further advice?

Ms McIntosh

Biology

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3

This course contributes towards: University Entrance literacy and numeracy (reading and writing)

What do I need to do this subject?

Achievement in one external Achievement Standard in Biology at NCEA Level 2.

What will I learn?

- You will carry out a study of a marine animal to investigate its behaviour and niche.
- Understand how animal behaviour and plant responses are influenced by the environment.
- Understand the processes of evolution and speciation, in humans and other organisms.
- Understand how humans manipulate the genetics of other organisms.

What equipment/stationery do I need?

A Biology workbook.

A4 Lever arch folder and refill paper.

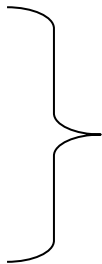
Set of 5 dividers.

What will this course cost?

Biozone course workbook \$30.00

Field trip to the Marine Centre—approx.
\$150.00

Optional examination revision guide \$18.00
(available Term 3).



These costs will be confirmed in 2017

Who should I see for further advice?

Mrs V Lilley- HOL Science

Chemistry

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3.

This course contributes towards: University Entrance literacy and numeracy (reading and writing)

What do I need to do this subject?

Complete Year 12 Chemistry

What will I learn?

- Properties of Particle and Thermochemical Principles
- Equilibrium Principles in Aqueous Systems
- Practical Oxidation – Reduction
- Organic Chemistry – Structure and Reactivity of Organic Compounds
- Practical Extended Quantitative Analysis

What equipment/stationery do I need?

Chemistry workbook.

A4 Lever arch folder and refill paper or 2B5 or 2B8 (hardcover) book

Calculator

What will this course cost?

Workbook \$44.00

Field trip to the Chemistry Department, Otago University for 2 days. \$50
(These costs will be confirmed in 2017).

Who should I see for further advice?

Mrs J Howden

Classical Studies

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. the standards in this course also contribute towards University Entrance literacy requirements.

What do I need to do this subject?

English to Year 12 (or Skills English by negotiation). It is helpful to have good reading and writing skills.

What will I learn?

- Aspects of the civilisations of Ancient Greece and Rome.
- Literature—what ideas about life can we learn from ancient literature? To what extent do these differ from our own 21st century views?
- Art—What artistic developments were made by the Greek and Romans? How do these influence us today?
- Philosophy—In what ways can Greek and Roman religious practices tell us about their daily lives?
- History—How do Greek and Roman ideas about heroism compare with our own?

What is this subject necessary for?

Clear thinking and analytical skills which are useful across all academic disciplines.

What equipment/stationery do I need?

Folder or 2B8 (hardcover) book, — clear files and post-it notes are a must!

What will this course cost?

Time, commitment, and an open mind

Who should I see for further advice?

Miss A Lambeth

Digital Technology

Level 3

There are two courses to choose from in Digital, an Achievement Standard or a Unit Standard, some movement between the courses is acceptable during the year.

Level 3—Web Design

What qualification can I get from this course?

This is an Achievement Standards course, credits towards NCEA Level 3, literacy credits are available.

What do I need to do this subject?

You must have studied your 12 Digital Technology to enter this course. Exceptions may be considered in consultation with Mr Walters.

What will I learn?

The aim of the course is to provide students with the knowledge and skills that will enable them to participate competently in the technological society. Students will acquire the skills to be able to liaise and work with the community, designing and creating a bespoke professional website using industry standard software such as Dreamweaver and Photoshop .

What equipment/stationery do I need?

Visual diary A4 60 pages and it is recommended that you have a USB pen drive 8GB.

Level 3—Practical Computer Skills

What qualification can I get from this course?

This is an Unit Standards course, credits towards NCEA Level 3.

What do I need to do this subject?

You preferably have studied Level 2 Print Design or Practical Computer Skills to enter this course. Exceptions may be considered in consultation with Mr Walters.

What will I learn?

The focus of the course is on the continual development practical computer skills, with a strong emphasis on building skills in a range of common application software, its uses and functions. You will learn to further enhance your ability to input and manipulate information and to create and present words in a variety of ways to produce digital media which are visually appealing using computer applications in order to communicate effectively.

What equipment/stationery do I need?

Recommended USB pen drive 8GB.

What will the courses cost?

Students need to be aware that they will need to top up their printing account if they want hard copies throughout the year.

Who should I see for further advice?

Mr J Walters, Ms B Gillies (HOL)

Economics

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3.

This course contributes to University Entrance literacy requirements.

What do I need to do this subject?

Year 12 Economics NCEA credits of 10 or more (or at the discretion of the teacher in charge)

What will I learn?

Year 13 Economics is an introductory study of both microeconomics and macroeconomics.

How the market allocates resources:

- efficiency
- effects on producers and consumers
- costings / revenue and decision making
- effects of competitors

How the government affects resource allocation:

- government intervention in the economy
- equity and equality of government policies

Economic Activity in our country:

- Reserve Bank actions
- interest rates
- employment
- effects of trade
- government policies

What equipment/stationery do I need?

1B5 Book or A4 folder and refill, calculator

What will this course cost?

Workbook—\$35.00

Who should I see for further advice?

Mr G Smith

English

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. It is possible to earn 10 credits internally in Level 3 English.

What do I need to do this subject?

Year 12 English, especially the reading and writing credits from Level 2 English.

What will I learn?

- Language and close reading skills.
- Familiarity with literary texts from a range of Shakespearean drama, novel, short stories, play, poetry, non-fiction, and film.
- Oral and writing, and some research skills.
- Development of writing skills
- Present an oral seminar.

What is this subject necessary for?

Tertiary studies, some standards will count for University Entrance Literacy requirements in reading and writing.

What equipment/stationery do I need?

A4 Folder and refill.

What will this course cost?

Optional examination revision guide \$18.00 (This will be confirmed in 2017).

Who should I see for further advice?

Mrs S Johnston or your current English teacher.

Food Technology and Nutrition

Level 3

What qualification can I get from this course?

NCEA Level 3. Literacy credits available.

Assessment is Internal and External.

The course is recommended for students interested in careers related to nutrition, health and well-being, food technology, the food industry and community and social services.

What do I need to do this subject?

A background in Level 2 Food Technology and Nutrition is highly recommended. You need an interest in nutrition, food preparation and the overall health of New Zealand society. A willingness to take part in all practical aspects of the subject.

What will I learn?

The course is focused on a variety of nutritional aspects and how they affect New Zealanders both at an interpersonal and societal level.

It encourages informed food choices to promote good health and well-being.

Throughout this course you will gain skills and knowledge regarding:

- Current nutritional issues affecting NZ society
- Health promoting strategies
- Determinants of health
- The effect of media and advertising on food choice and well-being
- The effect of lifestyle and diet on individuals and society
- Recipe design and adaption
- Practical skills for food preparation and presentation

What equipment/stationery do I need?

1x 2B8 (A4 hardcover book)

1x 40 page clear file

A suitable container for taking home practical work

What will this course cost?

\$80.00 for ingredients

Who should I see for further advice?

Ms B Gillies (HOL)

Miss H Gardyne

Gateway

Year 13

What qualification can I get from this course?

This is an alternative course that gives you a chance to gain some industry-based training and qualifications at an appropriate level. You need to have a career focus to be considered for the privilege to be part of this programme.

You will be able to gain credits towards NCEA Level 2 or 3, these credits are industry based.

Credits towards Vocational Pathways in most areas are available depending on personal work area.

What do I need to do this subject?

You need to write a letter of application to Mrs P Ambler giving reasons why you wish to be involved in the programme, your long-term career goals and showing the commitment you would bring to the programme, to the school and your employer.

The due date for this letter is 23rd September 2016.

What will I learn?

You will have one day per week in the workplace, where you will be a trainee. You will be treated as any employee with the same expectations. You will undertake work-related study, which may be assessed on the job or through correspondence. We have the expectation that you will complete all your work-related units and keep up with any missed class work from all subjects.

What is this subject necessary for?

Future employment.

What equipment/stationery do I need?

Most stationery will be provided but you will need a ring binder and pens etc. Clothes suitable to wear in your choice of workplace.

What will this course cost?

Gateway pays any work-related and course costs.

Who should I see for further advice?

Mrs P Ambler or Mrs Hay
(20 places available over year 12 and 13.)

Geography

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. The standards in this course also contribute towards University Entrance literacy requirements.

What do I need to do this subject?

No pre-requisites, only a fondness for reading and writing and an interest in our environment and world.

What will I learn?

- Skills in map reading, sketching, analysing data (including photographs), research, evaluating information.
- Knowledge of a geographical environment (North Otago coastline), through studying natural processes.
- Knowledge of a cultural process (tourism development) in a New Zealand (Queenstown)
- Skills in decision-making and planning.
- Global studies.
- Contemporary event from a geographical perspective.

What is this subject necessary for?

It provides knowledge of people and their environment and is especially useful for: resource management; economics; ecology; tourism; law; biology; teaching; geology; town planning; marketing and management; environmental planning and research.

What equipment/stationery do I need?

A4 Folder and refill or 2B8 (hardcover) book, coloured pencils

What will this course cost?

Field Trips	Queenstown \$110.00	This costs will be confirmed in 2017
	North Otago Coastline (no cost)	

Who should I see for further advice?

Mr G Pestell

German

Level 3

What qualification can I get from this course?

Standards in this programme will contribute credits towards NCEA Level 3.

What do I need to do this subject?

Credits in each skill at Level 2 German or at the discretion of the HOL.

What will I learn?

At Level 8, students will be encountering a greater range and complexity of text types than at Level 7.

They should be able to engage in increasingly sustained interactions and produce and respond to a variety of increasingly complex texts. The step up to Level 8 also involves a more deliberate and effective use of language as students learn to identify and select the appropriate language and cultural knowledge they need to use, to communicate effectively with different audiences and for different purposes.

They will learn to explore and justify varied ideas and perspectives in different situations in written and spoken German, demonstrate understanding of a variety of extended spoken and written German texts and communicate a critical response to stimulus material.

These objectives will be covered in the context of life of young people in Germany, at work and recreation, current issues, such as the environment, social issues, technology, travel and film study.

What equipment/stationery do I need?

1B8 notebook

Workbook (to be ordered through the Language Department)

What will this course cost?

\$30.00 for subscription to Language Perfect Learning Website. (optional)

\$16.00 Workbook

Who should I see for further advice?

Mrs J Grant

Graphic and Design

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3.

Standards in this course are recommended for Vocational Pathways in: Manufacturing and technology, construction and infrastructure, and creative industries.

What do I need to do this subject?

An interest in design, freehand drawing, traditional technical drawing and computer aided design (CAD).

What will I learn?

In Level 3, students produce conceptual designs in the fields of Architecture, Product Design and Graphic Design using freehand drawing, traditional technical drawing and CAD to create designs. Students will learn about the work of professional designers and make 3D models of their designs using 3D printing facilities.

Assessment is both internal (18 credits) and external (3 credits). Internal assessment is via two major design projects and external through portfolio submission of best design work.

Who should I see for further advice?

Ms Williams

History

Level 3

What qualification can I get from this course?

The Year 13 History course contributes towards a possible 24 credits for Level 3 NCEA. The standards within this course contribute to University Entrance literacy requirements.

What do I need to do this subject?

An awareness that essay writing is a key part of this subject, and an interest and enjoyment of History. It is preferable that students have taken NCEA Level 2 English.

What will I learn?

Thematic Study

Scientific Racism and Inequality

- Eugenics and the Impact on those without a voice
- USA
- Germany
- New Zealand

Internal Assessment Focus

Assassination of J.F. Kennedy—Contested Historical Event

What equipment/stationery do I need?

A4 folder, refill and dividers if using a folder or 2B8 (hardcover) book.

What will this course cost?

\$150.00 field trip to Akaroa. (This cost will be confirmed in 2017)
Time and commitment.

Who should I see for further advice?

Ms S Hull

Japanese

Level 3

What qualification can I get from this course?

Standards in this programme will contribute credits towards NCEA Level 3.

What do I need to do this subject?

Credits in each skill at Level 2 Japanese or at the discretion of the HOL.

What will I learn?

At Level 8, students will be encountering a greater range of complexity of text types than at Level 7.

They should be able to engage in increasingly sustained interactions and produce and respond to a variety of increasingly complex texts. The step up to Level 8 also involves a more deliberate and effective use of language as students learn to identify and select the appropriate language and cultural knowledge they need to use, to communicate effectively with different audiences and for different purposes.

They will learn to explore and justify varied ideas and perspectives in different situations in written and spoken Japanese, demonstrate understanding of a variety of extended spoken and written Japanese texts and communicate a critical response to stimulus material.

What equipment/stationery do I need?

A4 folder and refill

What will this course cost?

\$30.00 for subscription to Language Perfect (optional)

Who should I see for further advice?

Mrs J Grant

Level 3 Alternative English

Levels 2 and 3

This programme is designed for students who are not yet ready for a full Level 3 programme. The focus is on developing reading and writing skills. Most of the assessments are internal; external assessments may be offered to students with sufficiently developed skills.

What qualification can I get from this course?

Credits towards NCEA Levels 2 and 3.

What do I need to do this subject?

Year 12 English or Skills English in Year 12.

What will I learn?

Oral skills, reading skills, and writing skills of a practical nature e.g. speaking at a social occasion, writing reviews and summaries.

What is this subject necessary for?

It leads on to courses at tertiary providers (e.g. polytechnic) where communication skills are a necessary part of the course. Some credits offered may go towards University Entrance Literacy requirements.

What equipment/stationery do I need?

A4 folder and refill

What will this course cost?

Time and commitment.

Who should I see for further advice?

Mrs S Johnston or your current English teacher.

Mathematics with Calculus

Level 3

What qualification can I get from this course?

21 Credits towards NCEA Level 3.

Exceptional students may be eligible to complete a scholarship examination.

What do I need to do this subject?

(a) You need to show an understanding of the skills in Year 12 Mathematics and should have achieved Achievement Standards:

91261 Apply algebraic methods in solving problems.

91257 Apply graphical methods in solving problems.

91262 Apply calculus methods in solving problems.

91259 Apply trigonometric relationships in solving problems.

(b) Need to show an ability to apply numerical skills and ideally should have 2 or more Merit grades in Year 12 Mathematics.

(c) A good work ethic is needed to succeed in this course.

What will I learn?

- Trigonometry
- Algebra
- Differentiation
- Integration

What is this subject necessary for?

This course is designed for those students who intend to take Mathematics past Stage 1 level at university and also for courses like Physics, Chemistry, Commerce or Engineering.

Students should be confident in algebraic manipulation.

What equipment/stationery do I need?

Graphics calculator.

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$25.00 (optional) homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane.

Mathematics and Statistics

Level 3

What qualification can I get from this course?

24 Credits towards NCEA Level 3.

Exceptional students may be eligible to complete a scholarship examination.

What do I need to do this subject?

(a) You need to show an understanding of the skills in Year 12 Mathematics and Statistics and ideally should have achieved Achievement Standards:

91256 Apply co-ordinate geometry methods in solving problems

91264 Use statistical methods to make an inference.

91267 Apply probability methods in solving problems.

91268 Investigate a situation involving elements of chance using a simulation.

Or you will have gained credits from the Level 2 Mathematics course.

(b) Need to show the ability to apply basic mathematical skills.

(c) A good work ethic is needed to succeed in this course.

What will I learn?

The course covers Level 7 and 8 of the New Zealand Curriculum and students will be engaged in thinking mathematically and statistically in a range of contexts. The majority of the standards will be internally assessed with an emphasis on using technology (computers and graphic calculators) to solve problems and model situations. Topics which are externally assessed include evaluating statistically based reports and probability distribution models. The externally assessed topics and continue the development of probability skills to model a situation with an emphasis on interpreting data to make predictions for the future.

Skills learned in this course may possibly be helpful in Year 13 Biology, Social Sciences and Business related subjects.

What is this subject necessary for?

This course is designed for those students who intend to specialise in the many fields of tertiary education where a reasonable knowledge of statistics is expected. The subject tends to complement Science and Business University studies.

What equipment/stationery do I need?

Graphics calculator (compulsory).

2x 1E8 Quad books (Maths exercise books)

What will this course cost?

\$25.00 (optional) homework resources if purchased through school.

Who should I see for further advice?

Mrs L Lane.

Music

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. Standards in this course contribute to University Entrance Literacy and towards Vocational Pathways in the creative industries.

What do I need to do this subject?

- Have passed Level 2 performance standards and one external **or**;
- Passed a minimum of Grade 4 practical music or an equivalent standard **or**;
- A consultation with the Head of Learning

What will I learn?

Students will:

- Develop in depth knowledge of music by listening to and experimenting with music and by attempting to notate music through playback and aural realisation
- Develop musicianship through experimenting, improvising, composing and arranging pieces of original music
- Communicate and interpret music by performing their own and the music of others
- Understand music in context through identifying, describing, analysing music

Students can choose a mix of standards in consultation with the teacher depending on their interest.

What is this subject necessary for?

University Entrance approved subject credits.
Advantageous for those wishing to study Music at tertiary level.
Careers related to the music industry.

What equipment/stationery do I need?

40 page A4 clear file, refill pad, music manuscript book.

What will this course cost?

Cost of hiring an instrument for itinerant music lessons if required.
\$10.00 for workbook

Who should I see for further advice?

Miss D Kim

Physical Education

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3. (100% Internally Assessed)
(22 Credits available).

What do I need to do this subject?

An interest in Physical and Outdoor Education activities, as well as knowledge of how the body works.

Standards in this course contribute to University Entrance literacy requirements.

Standards in this course contribute toward Vocational pathways in: primary industries, service industries, social and community services, creative industries.

Students will:

1. Analyse the application of risk management strategies to a Wind-Surfing trip
2. Demonstrate quality movement in Athletics, Mountain-Biking and Swimming
3. Evaluate the effectiveness of a fitness programme for the mountain-bike trip – RPM, weights, aerobic training at the Rec Centre
4. Develop knowledge and understanding about the body – anatomy, biomechanics, exercise physiology
5. Analyse the swimming skills of self or others
6. Evaluate physical activity experiences to develop strategies for life-long well-being.

What is this subject helpful for?

Physical Education School, Physiotherapy, Health Sciences, Veterinary School, Sports Nutrition, Nursing, Personal Trainer, any job in the fitness or recreation industry, Outdoor Education Courses, Sportfit co-ordinators.

What equipment/stationery do I need?

Appropriate clothing for physical activity and outdoor education.

A4 folder with dividers, or x5 20 pocket display books, refill paper

What will this course cost?

Windsurfing and biking Trip (3 days) - \$160.00

Mountain bike Trip (3 days) - \$130.00

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These costs will be confirmed in 2017

{Fundraising can be organized to help pay for the outdoor trips}

Who should I see for further advice?

Mrs D Roberts

Physics

Level 3

What qualification can I get from this course?

Credits towards NCEA Level 3.
Merit or excellence endorsement in Physics

What do I need to do this subject?

Achievement in internal Level 2 Physics standards and at least 1 external standard at NCEA Level 2 Physics.

What will I learn?

- Mechanics (linear, angular and circular and simple harmonic motion. Electricity (direct and alternating current), Atomic and Nuclear Physics. Practical physics skills and learn about the Physics in the world we live in.

What equipment/stationery do I need?

A4 folder and refill, calculator

What will this course cost?

Physics course workbook \$30.00 approx.
Field trip \$20 approx. (These costs will be confirmed in 2017).

Who should I see for further advice?

Dr H McIntyre

Practical Physical Education

Level 2 and Level 3

What qualification can I get from this course?

18 credits towards NCEA Level 2 (100% Internally Assessed) but this course includes more practical and less theory work. Programmes can be designed to suit the individual students' needs at Level 2 or Level 3.

Standards in this course contribute to Level 1 literacy.

Standards in this course contribute towards Vocational pathways in: service industries, social and community services, creative industries.

What do I need to do this subject?

An interest in physical activity—good for students who are involved in Gateway or VPath

What will I learn?

Students will:

- Analyse group processes and risk management strategies before, during and after a 3 day tramping trip
- Demonstrate performance in Athletics, Badminton and Nordic skiing
- Participate in a fitness programme at the Rec Centre
- Work effectively with others during adventure based learning activities in Wanaka and at school.
- Plan and take part in a downhill skiing or snowboarding trip

This course is 100% internally assessed using Achievement Standards. It is suitable for students who prefer practical work and who do not need knowledge of anatomy, biomechanics or exercise physiology.

What equipment/stationery do I need?

Clothing appropriate to physical activity and outdoor education.

A4 folder and dividers or x2 20 pocket display books, refill paper.

What will this course cost?

Wanaka Tramp (4 days) - \$170.00

Nordic and Downhill Ski Trip (4 days) - \$350.00



These costs will
be confirmed in 2017

{Fundraising can be organised to help pay for the outdoor trips.}

Who should I see for further advice?

Mrs D Roberts

Textiles Technology

Level 3

What qualifications can I get from this course?

NCEA Level Two.

Assessment has Internal and External standards

What do I need to do this subject?

Students need an interest in the design process, working with textiles and being creative.

Priority will be given to Year 12 Textiles Technology students. However students who have taken Art or Digital Technology can negotiate with Ms Gillies if they want to enter at Year 13.

Students need to be prepared to spend time at lunch and after school to complete their projects. All sewing is required to be completed at school and paper work can be done at home.

What will I learn?

The senior Textile Design Technology Program has been designed to give students' access to a wide variety of Fashion and Design based skills.

In year 13 students complete two Technology projects where students are assessed on their creativity, production skills and time management.

First there is design unit that will help students prepare a portfolio for a tertiary design course in conjunction with applied design and photo stencil screen printing. The second unit requires students to design and create their own complex garment. They will learn pattern drafting skills and advanced sewing techniques to complete this task.

This course will develop skills and a portfolio for Design and Art based Tertiary study.

What equipment/ stationary do I need?

2x 40 leaf clear file

1x A3 paper

Colouring pencils

1x Project materials/pattern

What will this course cost?

Students supply project materials, threads, and notions at a cost to themselves.

\$60 is charged for the supply of interfacing, calico for functional modelling, and photographic screen printing.

Who do I see for further advice?

Ms Gillies

Tourism

Level 3

Year 13 may also select Level 2 Tourism as a second subject if they wish to complete the National Certificate in one year.

What qualification can I get from this course?

This will provide the Level 3 Unit Standards that are required to complete the NZ Certificate in Tourism and Travel (Introductory Skills) Level 2. Credits also go towards NCEA Level 3.

The course can be adapted to meet individual requirements. Students may do 13 Tourism, without studying at Year 12, but if a completed National Certificate is your goal, you do need to study both 12 Tourism and 13 Tourism.

Vocational pathways this course contributes to: service industries.

What do I need to do this subject?

An interest in the New Zealand Tourism Industry

What will I learn?

Students will:

- learn knowledge of New Zealand and Australian tourism destinations.
- develop skills related to working in the tourism and travel industry.
- develop an awareness and understanding of the role of the tourism industry in New Zealand and other countries.
- develop vocational skills relevant to working with people.

What is this subject necessary for?

Tourism is a vocational course that may lead directly to employment. Students may also move on to Tertiary study in Tourism, Hospitality and Travel.

What equipment/stationery do I need?

A4 Folder and refill or 2B8 (hardcover) book, coloured pencils, calculator

What will this course cost?

Time and commitment.

Who should I see for further advice?

Ms M Williams or Ms J Murray

Transition

Level 2

What qualification can I get from this course?

Credits towards NCEA Level 2, and Level 1 and 3 (as required)

Standards in this course are recommended for Vocational pathways in: social and community, service industries, creative industries and primary industries.

What do I need to do this subject?

No pre-requisites.

What will I learn?

Skills for life after school:

- Work skills and expectations
- Workplace expectations
- Interview skills
- Information needed for flatting
- Budgeting.
- Interpersonal Skills
- Parenting skills
- Tots and toddlers course.
- Consumer skills.
- SPEC (if the students require it)

What is this subject necessary for?

Life beyond school.

What equipment/stationery do I need?

A4 folder and refill or 2B8 (hardcover) book, pens.

What will this course cost?

Nil (unless students choose to do SPEC which costs \$30 per booklet)

Who should I see for further advice?

Mrs V Hay

V Path

Level 3

What qualifications can I get from this course?

Credits towards NCEA Level 3

Standards in this course are recommended and may contribute to Vocational pathways in the sector you choose: service sector, primary industries or construction and infrastructure.

What do I need to do this subject?

No pre-requisites.

What will I learn?

There will be several Level 3 courses offered at ARA, Timaru Campus (actual courses to be confirmed). You will gain at least 20 credits in the course of your choice.

Construction and Infrastructure—Carpentry (2 days a week)

Service Sector—Hospitality Career Pathways

Primary Industries—Achievement Standard Primary Industries

Community and Health—Sustainability and the Outdoors

Creative—Ka Hao Te Rangatahi (2 days)

We are waiting confirmation of all the courses being offered in Timaru.

These courses run one day per week usually on a Friday. If your course is in Timaru you must commit **to catching a bus at 6.45am every Friday morning** and returning at 6pm Friday evening. The times alter depending on numbers. You must **commit to staying at school for the full school year and commit to completing the whole course.**

If you wish to be considered for any VPath course you must write a letter of application to Mrs Hay before the end of Term 3, 2016.

What is this subject necessary for?

A career in the chosen area

What equipment/stationery do I need?

Ring binders and pens.

What will this course cost me?

The School covers the costs of the course.

You need to provide appropriate clothing including footwear for your course.

Who should I see for further advice?

Mrs V Hay