

# Waitaki Girls' High School

## Subject Information Guide

### Level 1, 2, 3



**Respectful**

*Kia Whakaute*

**Responsible**

*Kia Haepapa*

**Resilient**

*Kia Kaha i kā katoa*



# Time-line for Selecting Courses

## Important Dates

**Monday 6th August**

Curriculum booklets available online.

**Wednesday 15th August**

Parent/Teacher student subject interviews

**Tuesday 21st 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.

**Monday 27th August**

Course Selection for 2019 to be completed either online (via parent portal) or handed into the office.

Dates for 2019	
<b>Term 1</b>	29 January to 12 April
<b>Term 2</b>	29 April to 5 July
<b>Term 3</b>	22 July to 27 September
<b>Term 4</b>	14 October to 6 December

### The Waitaki Way

**Respectful (Kia Whakaute):** Care and consideration for self, others, and the school environment

**Responsible (Kia Haepapa):** Make the best decision possible and take ownership of your actions

**Resilient (Kia Kaha I kā katoa):** Be prepared to persevere and explore solutions.

### Classroom Expectations

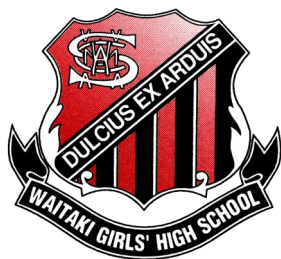
- Arrive on time.
- Be prepared, bring the correct equipment to class.
- Use appropriate language - avoid put downs.
- Respect for everyone in the classroom

### Instructions for completing course selection on-line

1. Go to school website [www.waitakigirlshigh.school.nz](http://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 Motto

"Dulcius ex Ardius"

"There is satisfaction to be gained from working hard".

### Our vision:

"Young women well-equipped for the world."

Principal

Ms Walker

Deputy Principal

Ms Williams

Assistant Principal

Mrs Williams

Deans:

Year 9

Dr McIntyre

Year 10

Mrs Wright

Year 11

Mrs Hudson

Year 12

Mrs Bain

Year 13

Ms Sinclair

Guidance Counsellor

Mrs Corlet

Careers Advisor

Mrs Hay

Executive Officer

Mrs S Grant

Principal's PA

Mrs Sime

Office Staff

Mrs Leslie

Mrs Mackenzie

Mrs Boraman

Sports Coordinator

Mrs Jones

Librarian

Mrs Robinson

# Daily Routine

	Mon	Tues	Wed	Thurs	Fri
<b>Period 1</b>	8.40-9.40am	8.40-9.35am	8.40-9.25am Peer Support/ Drama/Choir/Staff PD	8.40-9.40am	
<b>Whānau</b>	9.40-10.00am	9.35-10.05 Assembly/ Mentoring	9.25-10.20am  <b>Period 1</b>	9.40-10.00am	
<b>Period 2</b>	10.00-11.00am	10.05-11.00am	10.20-11.15am	10.00-11.00am	
<b>Interval</b>	11.00-11.25am	11.00-11.25am	11.15-11.40am	11.00-11.25am	
<b>Period 3</b>	11.25-12.25pm	11.25-12.25pm	11.40-12.35pm	11.25-12.25pm	
<b>Period 4</b>	12.25-1.25pm	12.25-1.25pm	12.35-1.30pm	12.25-1.25pm	
<b>Lunch</b>	1.25-2.20pm	1.25-2.20pm	1.30-2.20pm	1.25-2.20pm	
<b>Period 5</b>	2.20-3.20pm	2.20-3.20pm	2.20-3.20pm	2.20-3.20pm	

# 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 contacting the year level dean 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. Combined class with WBHS **or**
4. Select an alternative subject

## Choosing a Course of Study

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 Head of Learning approval.

# Curriculum Pathways:

## Where your learning leads

	Year 9	Year 10	Year 11	Year 12	Year 13
<b>Art</b>	Art Music Performing Arts	Art Performance Arts Music & Drama	Art Music	Art: Design Art: Painting Art: Photography Music	Art: Design Art: Painting Art: Photography Music
<b>English</b>	English	English	English English Alternative	English English Alternative	English Media Studies
<b>Languages</b>	German Japanese Mandarin Te Reo (Distance Learning)	German Japanese Mandarin Te Reo (Distance Learning)	German Japanese Mandarin (Distance Learning) Te Reo (Distance Learning)	German Japanese Te Reo (Distance Learning)	German Japanese (Distance Learning) Te Reo (Distance Learning)
<b>Mathematics</b>	Mathematics	Mathematics	Mathematics Mathematics - Numeracy	Mathematics—Bridge Mathematics Mathematics and Statistics	Mathematics with Calculus Mathematics and Statistics
<b>Physical Education</b>	Health and Physical Education	Health and Physical Education	Physical Education	Physical Education Practical Physical Education	Physical Education
<b>Science</b>	Science	Science Agriculture	Agriculture Science Skills Science	Agribusiness Biology Chemistry Physics Science	Agriculture/ Agribusiness Biology Chemistry Physics
<b>Social Science</b>	Social Studies	Social Studies	Business Geography History	Accounting Economics Geography History Tourism	Accounting Classical Studies Economics Geography History Tourism
<b>Technology</b>	Digital Technology Design & Visual Communication (DVC) Food Technology Textiles Technology	Digital Technology Food Technology & Nutrition Textiles Technology	Digital Technology Food Tech & Nutrition Textiles Technology	Digital Technology Food Tech & Nutrition Graphics & Design (WBHS) Textiles Technology	Digital Technology Food Tech & Nutrition Graphics & Design (WBHS) Textiles Technology
<b>Transition</b>		Careers	Vocational Studies	Dual Pathway Gateway Transition *Personal Wellbeing	Dual Pathway Gateway Transition *Personal Wellbeing
<b>Guidance Notes</b>	All programmes compulsory	Careers, English, Health, Mathematics, Physical Education, Social Studies, Science compulsory	Maths, English and Science compulsory	English compulsory	Student selected course

\* All Year 12 & 13 students have a personal wellbeing programme for one hour per week, covering topics such as leadership; healthy relationship and preparation for employment. This program does not offer NCEA credits but is intended to develop life skills.

# Year 11

To achieve this qualification, students 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.

**NCEA Fees:** Fees for most students will be \$76.70. Payment is required by 30th August 2019. The contact webpage for NZQA is [www.nzqa.govt.nz](http://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.

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.



# 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:

## THE ARTS

Art

Music

## PHYSICAL EDUCATION

Physical Education

## SOCIAL SCIENCES

Business

Geography

History

## LANGUAGES

German

Japanese

Te Reo (Distance Learning)

## TRANSITION

Vocational Studies

## SCIENCES

Agriculture

## TECHNOLOGY

Food Technology & Nutrition

Digital Technology

Textiles Technology

## Dual Pathways

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.





# 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	1 B5 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.
English Alternative	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 A4 hardcover book and plastic sleeves
Japanese	1x 1B8 notebook, A4 folder and refill
Mandarin	Stationery to be advised
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 2 x 20 packet clear files
Science	A4 lever arch folder and refill, dividers (set of 5)
Skills Science	2B8 book (A4 hardcover book) or a folder with refill paper.
Textiles Technology	3x 20 page clear files, white printing A4 paper, colouring pencils
Vocational Studies	2B8 book (A4 hardcover book)
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	

## 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.

### How do I qualify to take 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.

Although not compulsory to be able to progress to Level 2 Design and Photography, Level 1 art students *will* have the advantage due to folio experience and having acquired an additional year of art knowledge.

### Achievement Standards

1.2	4 credits	Internal	<b>Total 22 credits</b>
1.3	6 credits	Internal	
1.4	12 credits	External	

### What equipment/stationery do I need?

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

### 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)

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

### Who should I see for further advice?

Ms A McIntosh

## 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.

### How do I qualify to take this subject?

Entrance is open to all students, although those that have learned, or are currently learning an instrument, will be at an advantage. It is preferable for standards to be involved in learning a musical instrument or voice tuition and have experience reading music.

### What instruments could I learn?

Piano	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?

Ringbinder, refill pad, and music manuscript refill

### What will this course cost?

Cost of hiring an instrument for itinerant music lessons if required

### Who should I see for further advice?

Miss O Gonzales



# 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.

### **How do I qualify to take 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 \$20.00

(This will be confirmed in 2019).

### **Who should I see for further advice?**

Mrs S Johnston or your current English teacher.

# English Alternative

## 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.

### **How do I qualify to take 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.

### **What is this subject necessary for?**

Year 11 English or Level 2 English Alternative .

### **What equipment/stationery do I need?**

2B8 (A4 hardcover book) for class notes

### **Who should I see for further advice?**

Mrs S Johnston or your current English teacher.

## 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.

### **How do I qualify to take this subject?**

At least 1 full year of German before Year 11.

### **What will I learn?**

At Curriculum 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 Curriculum 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 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



# 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.

### **How do I qualify to take this subject?**

At least 1 year of Japanese before Year 11.

### **What will I learn?**

At Curriculum 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 aspects of their own background and immediate environment.

By the end of Curriculum 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. 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. Students will also learn more Kanji.

### **What equipment/stationery do I need?**

Stationery to be advised

### **What will this course cost?**

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

### **Who should I see for further advice?**

Mrs C Williams

## 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.

### **How do I qualify to take this subject?**

At least 1 full year of Mandarin before Year 11.

### **What will I learn?**

At Curriculum 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. E.g jobs, directions, introductions, describing location.

By the end of Curriculum 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. 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 Chinese culture.

Knowledge of Chinese characters is also developed and is an essential part of the course.

### **What equipment/stationery do I need?**

Stationery to be advised as this course would be offered through distance learning.

### **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

# 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

### **How do I qualify to take 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?**

Graphic or Scientific calculator, ruler

2 x 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.

There may be the opportunity to study for some Achievement standards.

### How do I qualify to take 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:

- |                    |   |   |
|--------------------|---|---|
| <b>Number</b>      | - | whole numbers, fractions, decimals, percentages, using calculators, using tables and graphs                 |
| <b>Measurement</b> | - | time, length, area, volume, angles, scale drawing   |
| <b>Statistics</b>  | - | 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

2 x 1E8 Quad books (Maths exercise books)

### What will this course cost?

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

### Who should I see for further advice?

Mrs L Lane

# 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.

### **How do I qualify to take 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, korfball, dodgeball, badminton, basketball, netball, hockey, rock-climbing, adventure based learning activities, confidence courses
- Demonstrate quality of movement in 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 Adventure Based Learning.
- Demonstrate self-management strategies during rock-climbing

### **What equipment/stationery do I need?**

PE gear, A4 folder, dividers, or 2 x 20 packet display books, refill

### **What will this course cost?**

Rock-climbing and High ropes—\$100.00

Trip to Geraldine and Washdyke

(These costs will be confirmed in 2019 )

### **Who should I see for further advice?**

Mrs D Roberts

# Agriculture

## Level 1

### **What qualification can I get from this subject?**

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

### **How do I qualify to take 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 \$26.00

Field trips \$20.00

(These costs will be confirmed 2019)

### **Who should I see for further advice?**

Mrs V Lilley

Mrs J Wright

# Science

## Level 1

### **What qualification can I get from this subject?**

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.

### **How do I qualify to take this subject?**

Year 9 and 10 Science - students will be placed in the science course that best suits their needs.

### **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

### **Who should I see for further advice?**

Mrs V Lilley



# Skills Science

## Level 1

### **What qualification can I get from this subject?**

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.

### **How do I qualify to take this subject?**

Year 9 and Year 10 Science – students will be placed in the science course that best meets their needs.

### **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 2019**

- 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/ or a folder with refill paper

### **What will this course cost?**

There are no extra costs for this course.

### **Who should I see for further advice?**

Mrs V Lilley

Mrs L Hamilton

## 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.

### **How do I qualify to take this subject?**

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

### **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).
- The importance of decision making.
- How sectors of the economy work together.

### **What equipment/stationery do I need?**

1B5 Book or A4 Folder and refill

Calculator

### **What will this course cost?**

\$25 workbooks

### **Who should I see for further advice?**

Mr G Smith

# 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.

### **How do I qualify to take this subject?**

Open entry – this is the first year of Geography.

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

### **What will I learn?**

- Skills of constructing and interpreting maps, graphs and understanding a variety of perspectives, statistics and visual information.
- Knowledge of extreme natural events
- Geographic research
- Describe aspects of a geographic topic at a global scale
- Describe aspects of a contemporary NZ geographic issue

### **What equipment/stationery do I need?**

A4 Ring binder or 2B (A4 hardcover) book

Refill pad

Coloured pencils

### **What will the course cost?**

Field trips:

Oamaru town centre (no cost)

Other field trips may be offered, depending on the standards being assessed.

### **Who should I see for further advice?**

Mr G Pestell

# 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.

### **How do I qualify to take this subject?**

Must be taking NCEA Level 1 full English.

### **What will I learn?**

*Thematic Study*

#### Finding Our Place:

- Turangawaewae
- Women within New Zealand History
- Black Civil Rights - USA

#### Internal Assessment Focus:

- Key historical events - New Zealand History

### **What equipment/stationery do I need?**

A4 Folder, dividers if you are using a folder and refill or A4 hardcover book and plastic sleeves.

### **What will this course cost?**

Time and commitment

Field Trip—Hocken Library - Dunedin \$20

### **Who should I see for further advice?**

Ms S Hull

# 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.

### **How do I qualify to take 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 encouraged students to develop their skills in design, decision-making, research, keyboard techniques, file management and communication. 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?**

Ms B Gillies (HOL)



# Food Technology & Nutrition

## Level 1

### **What qualification can I get from this course?**

NCEA Level 1. 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.

### **How do I qualify to take 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
- Technology design process.

### **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)

# 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.

### **How do I qualify to take this subject?**

An interest in the design process, working with textiles.

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 Programme 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?**

3 x 20 leaf clear file, white printing A4 paper

Colouring pencils

2 x 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 B 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.

### **How do I qualify to take this subject?**

No pre-requisites – this course is aimed at students who do not want to study 6 full Level 1 subjects, but offers some credits plus an alternative. You need a positive attitude and a willingness to learn and work with self discipline.

### **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 which is student focused

- 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?**

2B8 book (A4 hardcover book)

Coloured pens and pencils

### **What will this course cost?**

\$30.00 – SPEC workbook

### **Who should I see for further advice?**

Mrs V Hay

# 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.

**NCEA Fees:** Fees for most students will be \$76.70. Payment is required by 30th August 2019. The contact webpage for NZQA is [www.nzqa.govt.nz](http://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.**



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

ENGLISH	TRANSITION	SCIENCES
English	Dual Pathway	Agribusiness
English Alternative	Gateway	Biology
	Transition	Chemistry
LANGUAGES	TECHNOLOGY	Science
German	Food Technology & Nutrition	Physics
Japanese (Distance Learning)	Digital Technology—Print Design	SOCIAL SCIENCES
Te Reo (Distance Learning)	Graphics and Design (offered at WBHS)	Accounting
MATHEMATICS	Textiles Technology	Economics
Mathematics—Bridge	THE ARTS	Geography
Mathematics	Art—Design	History
Mathematics and Statistics	Art—Painting	Tourism
PHYSICAL EDUCATION	Art—Photography	
Physical Education	Music	
Practical Physical Education		

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. There is a separate New Zealand Certificate available in Tourism.

### Dual Pathways

These courses are at Polytechnic. Students will be out of school for one or two days per week. Students on a two day Dual Pathway course will have a fixed school timetable for their three days at school. 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.

**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
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 lever arch 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 or A4 folder with copysafe pockets
Dual Pathway	A4 folder and refill
Economics	1B5 book or A4 folder and refill, calculator
English	A4 folder and refill
English Alternative	2B8 exercise book, 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	A4 folder and refill or 1x 1B8 notebook
Graphics	1 x A3 Drawing pad, A3 Art case zipped, 45+ 60 set squares, warm grey number 2 studio marker, warm grey number 5 studio marker, fine point sharpie pen, black fineliner pen, coloured pencils (Aquarell), eraser
History	A4 folder and refill, dividers or A4 hardcover book and plastic sleeves
Japanese	A4 folder and refill
Maths—Bridge	2 x 1E8 Quad books, Graphic calculator (CASIO is best) or scientific calculator
Maths	2 x 1E8 Quad books, Graphic calculator (CASIO is best)
Maths and Statistics	2 x 1E8 Quad books, Graphic calculator (CASIO is best)
Music	Ringbinder, refill pad, music manuscript refill
Physical Education	A4 folder dividers or x6 20 pocket clear files, and refill
Physics	A4 folder and refill, calculator
Practical Physical Education	A4 folder and refill, dividers or x2 20 pocket clear files
Science	A4 folder, refill and dividers (set of 5)
Textiles Technology	3 x 20 page clear files, white printing A4 paper, colouring pencils
Tourism	A4 folder and refill or 2B8 book (A4 hardcover book), or own device, coloured pencils, calculator
Transition	A4 folder and refill or 2B8 book (A4 hardcover book)
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	

# Art-Design

## Level 2

### **What qualification can I get from this subject?**

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

### **How do I qualify to take this subject?**

Level 1 Art external 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 art-making
- Learn about influential artists working in Graphic Design
- Learn how to systematically progress an idea from a concept through to the final outcome stage
- Acquire and advance photoshop skills to be able to communicate their own message
- Learn how to analyse and interpret graphic designs/artworks to enhance their own art-making
- Create dynamic and innovative work that expresses their ideas and style

There are numerous creative industries careers. Art-Design is a subject that is invaluable if a student wishes to be an interior designer, graphic designer, magazine artist, architect, tattoo artist, fashion illustrator etc.

### **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 A 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.

### **How do I qualify to take this subject?**

Level 1 Art external 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 A 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.

### **How do I qualify to take this subject?**

Level 1 Art external 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

*Students require own camera.* 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 A McIntosh

## 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.

### **How do I qualify to take 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?**

Ring binder, refill pad, music manuscript refill

### **What will this course cost?**

Cost of hiring an instrument for itinerant music lessons if required.

### **Who should I see for further advice?**

Miss O Gonzales



# 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.

### **How do I qualify to take 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, 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?**

A4 folder and refill

### **What will this course cost?**

Optional examination revision guide \$20.00

(This will be confirmed in 2019)

### **Who should I see for further advice?**

Mrs S Johnston

# English Alternative

## 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.

### **How do I qualify to take this subject?**

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 English Alternative 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. Level 2 English standards are offered. **Some** may contribute towards the Literacy requirements for entry into tertiary courses.

### **What equipment/stationery do I need?**

2B8 exercise book, refill for published work.

### **What will this course cost?**

Time and commitment.

### **Who should I see for further advice?**

Mrs S Johnston

## 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.

### **How do I qualify to take this subject?**

You will need 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 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?**

A4 folder and refill or 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

# 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.

### **How do I qualify to take 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 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 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

# Mathematics - Bridge

## Level 1/2

### **What qualification can I get from this course?**

14 credits at Level 1 and up to 10 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.

### **How do I qualify to take 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.

Your attitude and effort from Year 11 will be assessed.

### **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 or scientific calculator.

2 x 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?**

22 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.

### **How do I qualify to take this subject?**

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

91028 Investigate relationships between tables, equations and graphs.

You will also have **attempted** 91037 Demonstrate an understanding of chance and data.

You will have passed the WGHS Algebra skills assessment.

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 91028 (Tables, equations & graphs).

### **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.

2 x 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 & Statistics

## Level 2

### What qualification can I get from this course?

22 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.

### How do I qualify to take this subject?

15 credits at Level 1 NCEA Mathematics including:

91037 Demonstrate an understanding of chance and data.

You will have **attempted**:

91028 Investigate relationships between tables, equations and graphs

Note: Credits gained from Mathematics Numeracy Level 1 do not provide sufficient skills to cope with this course. You will have attempted ideally passed the WGHS Algebra skills assessment.

### 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.

2 x 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.

# Physical Education

## Level 2

### **What qualification can I get from this course?**

22 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.

### **How do I qualify to take this subject?**

No previous qualification needed.

### **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 one other activity.
3. Analyse group processes and risk management strategies before, during and after a 2 day tramping trip.
4. Apply principles of anatomy, biomechanics, motor learning and sports psychology through Badminton.
5. Experience a variety of principles and methods of training and exercise physiology through Touch (optional)

### **What equipment/stationery do I need?**

Clothing appropriate to physical activity and outdoor education.

A4 folder, dividers, or x 6 20 pocket display books, refill paper

### **What will this course cost?**

Wanaka Tramp (Term 1 - 4 days) - \$200.00 approx

Mountain biking \$30 - 40 approx.

(These costs will be confirmed in 2019)

### **Who should I see for further advice?**

Mrs D Roberts

# 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.

### **How do I qualify to take this subject?**

No previous qualification needed.

### **What will I learn?**

Students will:

- Analyse group processes and risk management strategies before, during and after a 2 day tramping trip
- Demonstrate performance in Athletics and Badminton.
- Participate in a fitness programme at the Rec Centre.
- Work effectively with others during adventure based learning activities in Wanaka and at school.

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 or who are involved in Dual Pathway courses.

### **What equipment/stationery do I need?**

Clothing appropriate to physical activity and outdoor education.

A4 folder and dividers or x 2 20 pocket display books, refill paper.

### **What will this course cost?**

Wanaka Tramp (4 days) - \$170.00 approx.

EOTC Day (to be arranged in term 1) \$30 - 40 approx

(These costs will be confirmed in 2019)

### **Who should I see for further advice?**

Mrs D Roberts

# Agribusiness

## Level 2

### **What qualification can I get from this subject?**

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.

### **How do I qualify to take this subject?**

Achievement of at least one external examination in Level 1 Agriculture or Level 1 Science.

### **What will I learn?**

- Future proofing influences that affect business
- Management practices that influence livestock growth and development
- Livestock reproduction techniques
- Agricultural environment issues
- Cash flow forecasting for business
- The impact of influences on agribusiness to meet the present and future needs, viability and protection of the environment
- Knowledge and understanding of Agribusiness and the wide variety of careers involved in the sector—beyond the farm gate careers

### **What equipment/stationery do I need?**

Agriculture workbook.

A4 folder and refill paper

### **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 V Lilley

# Biology

## Level 2

### **What qualification can I get from this subject?**

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.

### **How do I qualify to take this subject?**

Achievement in 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 lever arch folder and refill paper.

Set of 5 dividers.

### **What will this course cost?**

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

Field trip \$50 (This cost will be confirmed in 2019).

### **Who should I see for further advice?**

Mrs V Lilley

# Chemistry

## Level 2

### **What qualification can I get from this subject?**

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.

### **How do I qualify to take this subject?**

Achievement in Science 1.5 Acids and Bases, plus numeracy and literacy at Level 1 NCEA.

### **What will I learn?**

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

### **What equipment/stationery do I need?**

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

Calculator

### **Who should I see for further advice?**

Mrs V Lilley

Mrs J Howden

# Science

## Level 2

### **What qualification can I get from this subject?**

Credits towards NCEA Level 2.

This course may contribute towards: Level 1 literacy and numeracy.

### **How do I qualify to take this subject?**

An interest in continuing your Science education into Level 2, without specialising into a full subject course. This is also a pathway from Year 11 Skills Science.

### **What will I learn?**

This course provides a mixture of standards drawn from: Biology, Chemistry, Physics, Education for sustainability and Earth Science.

The course will be planned with student input so standards selected best meets the needs of the students.

### **What equipment/stationery do I need?**

A4 lever arch file, refill paper and (set of 5) dividers.

### **What will this course cost?**

There may be a small cost associated with any field trips undertaken.

### **Who should I see for further advice?**

Mrs V Lilley

Dr H McIntyre



# Physics

## Level 2

### **What qualification can I get from this subject?**

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?**

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

### **What equipment/stationery do I need?**

A4 folder and refill, calculator

A Physics workbook

### **What will this course cost?**

Physics course workbook \$25.00.

Field trip \$20.00 (This cost will be confirmed in 2019)

### **Who should I see for further advice?**

Mrs V Lilley

Dr H McIntyre

# 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.

### **How do I qualify for this subject?**

Year 11 Business Studies achieved in 3 standards or at HOL discretion.

### **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.

### **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

# 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.

### **How do I qualify to take this subject?**

Year 11 Business Studies one external, one internal OR 14 Level 1 English credits. 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
- Unemployment

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

# 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?**

Preferable to have taken Level 1 Geography and gained one internal and one external standard plus Level 1 literacy; and an interest in how people understand and interact with both natural and cultural environments.

### **What will I learn?**

- Differences in Development
- Large Natural Environment - South Island High Country
- Geographic Research
- Explain aspects of a contemporary New Zealand geographic issue
- 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

### **Who should I see for further advice?**

Mr G Pestell

# 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.

### **How do I qualify to take 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

#### Fighting For A Fairer Society vs Tyranny & Dictatorship

- Parihaka—NZ
- Michael Collins & Ireland
- Rise of Nazi Germany

#### 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 A4 hardcover book and plastic sleeves.

### **What will this course cost?**

Time and commitment

Field Trip to Central Otago \$150.00 (This cost will be confirmed in 2019).

### **Who should I see for further advice?**

Ms S Hull

# Tourism

## Level 2

### **What qualification will I get from this course?**

This will provide the necessary Level 2 Unit Standards towards the New Zealand 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.

### **How do I qualify to take 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 or: own device

Coloured pencils

Calculator

### **What will this course cost?**

Time and commitment

### **Who should I see for further advice?**

Ms M Williams or Mr G Pestell

# 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.

#### **How do I qualify to take this subject?**

You preferably have studied Year 11 Digital Technology and gained 14 credits (or more) to enter this course. Exceptions may be made in consultation with Ms Gillies.

#### **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 learning area 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.

#### **How do I qualify to take this subject?**

You preferably have studied Level 1 Digital Technology. Exceptions may be considered in consultation with Ms Gillies.

#### **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. Visual Diary or A4 folder and copysafe pockets.

#### **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?**

Ms B Gillies (HOL)



# Food Technology & 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, culinary arts, food design 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.

### How do I qualify to take this subject?

14 credits in Level 1 Food Technology and Nutrition are required. Some exceptions to this after consultation with Ms Gillies. 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
- Technology design process

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

### What equipment/stationery do I need?

1 x 2B8 (A4 hardcover book)

1 x 40 page clear file

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

### What will this course cost?

\$80.00 for ingredients

### Who should I see for further advice?

Ms B Gillies (HOL)

# Graphic & 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.

### **How do I qualify to take 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.

### **What equipment/stationery do I need?**

1 x A3 Drawing pad

A3 Art case zipped

45+ 60 set squares

Warm grey number 2 studio marker

Warm grey number 5 studio marker

Fine point sharpie pen, black fineliner pen, coloured pencils (Aquarell), eraser

### **Who should I see for further advice?**

Ms M Williams

# 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.

### **How do I qualify to take 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 Programme 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?**

3 x 20 leaf clear file, white printing A4 paper

Colouring pencils

2 x 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 B Gillies (HOL)

# Dual Pathway

## Level 2

### What qualifications can I get from this course?

Credits towards NCEA Level 2. Credits towards Vocational Pathways in the sector you choose: Service Sector or Construction and Infrastructure. If you are chosen for a 2 day Dual Pathway, you will have to take 12 ENA, 12 TRA and you will be directed into another subject. You will not take any other subjects.

### How do I qualify to take this subject?

A positive attitude and a real interest in the course offered. Being committed to staying at school for the full year.

### What will I learn?

You will gain at least 20 credits in a one-day course and 40 credits in a two-day course. The Level 2 courses offered in 2017 at ARA are:

- Service Sector—Beauty (1 day)
- Service Sector—Introduction to Cookery, Hospitality and Beverage Service (2 days)
- Service Sector—Business and Administration (1 day)
- Service Sector—NZ Certificate in Salon Skills (2 days)
- Manufacturing and Technology Sector—Automotive (1 day)
- Construction and Infrastructure—Construction (1 day)
- Community and Health—Early Childhood (1 day)
- Community and Health—Sustainability and outdoors (1 day)

There is one Level 2 Agribusiness Course offered in Oamaru through Agribusiness.

Primary Industries—Agriculture. This course runs on 14 Fridays throughout the year at least 40 credits.

### 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 Dual Pathway course you must write a letter of application to Mrs Hay by 21st September 2018.

### What is this subject necessary for?

A career in the chosen area

### What equipment/stationery do I need?

Ring binder and pens.

### What will this course cost me?

The School covers the costs of the course. **You must be committed to attending every session and staying at school for the full year.** You need to provide appropriate clothing including footwear for your course.

### Who should I see for further advice?

Mrs V Hay

# 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 these credits are industry based. The credits will be unit standards.

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 21st September 2018. You must be committed to gaining at least 20 credits in your chosen area and have a positive attitude.**

### **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

(16 places available over Year 12 and 13)

# 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.

### **How do I qualify to take this subject?**

A commitment to completing the set work and assessments, a willingness to take part in class activities.

### **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?**

Ring binder or book, pens

### **What will this course cost?**

Nil

### **Who should I see for further advice?**

Mrs V Hay





# 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.

## NCEA Fees

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



The following subjects are available at Year 13 and will be offered if numbers warrant the course.

### ENGLISH

English

Media Studies

### LANGUAGES

German

Japanese (Distance

Te Reo (Distance Learning)

### MATHEMATICS

Mathematics with Calculus

Mathematics & Statistics

### PHYSICAL EDUCATION

Physical Education

### TRANSITION

Dual Pathway

Gateway

Transition

### TECHNOLOGY

Food Technology &  
Nutrition

Digital Technology—Web  
Design

Graphics and Design  
(offered at WBHS)

Textiles Technology

### THE ARTS

Art—Design

Art—Painting

Art—Photography

Music

### SCIENCES

Agriculture/Agribusiness

Biology

Chemistry

### SOCIAL SCIENCES

Accounting

Classical Studies

Economics

Geography

History

Tourism

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.

## Dual Pathways

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.

# University Entrance 2019

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](http://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	Media Studies

## 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 Head of Learning. 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/Agribusiness	A4 folder and refill or 2B5 or 2B8 (hardcover) book, x 2 1B5 books or own lap top
Art—Design	A3 art pad, black ink pen, water –colour pencils, pen drive, paints, variety of markers/pencils
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 and own set of brushes.
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 lever arch folder and refill, dividers (set of 5)
Chemistry	A4 folder and refill or 2B5 or 2B8 (hardcover) book, calculator, 1B5 or 1B8 softcover book or own lap top
Classical Studies	A4 folder and refill or 2B8 book
Digital Technology	Visual Diary 60 leaf, or A4 folder with copysafe pockets recommended 8G usb
Dual Pathway	A4 folder and refill
Economics	1B5 book or A4 folder and refill, calculator
English	A4 folder and refill
Food Technology	1 x 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	A4 folder and refill or 1x 1B8 notebook
Graphics	1 x A3 Drawing pad, A3 Art case zipped, 45+ 60 set squares, warm grey number 2 studio marker, warm grey number 5 studio marker, fine point sharpie pen, black fineliner pen, coloured pencils (Aquarell), eraser
History	A4 folder and refill, dividers or A4 hardcover book & plastic sleeves
Japanese	A4 folder and refill
Maths with Calculus	2 x 1E8 Quad books, Graphic calculator (CASIO is best)
Maths and Statistics	2 x 1E8 Quad books, Graphic calculator (CASIO is best)
Media Studies	A4 folder, refill
Music	Ringbinder, refill pad, music manuscript refill
Physical Education	A4 folder, dividers or x5 20 pocket clear files, and refill
Physics	A4 folder and refill, calculator (Graphics—CASIO is best)
Textiles Technology	2 x 40 page clear files, white printing A4 paper, colouring pencils
Tourism	Electronic device (if possible)
Transition	A4 folder and refill or 2B8 (A4 hardcover) book
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	

# Art-Design

## Level 3

### How do I qualify to take this subject?

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

### How do I qualify to take this subject?

Level 2 Design or Photography.

This subject relies heavily on Photoshop applications therefore you must have achieved Level 2 Art Design/Photography (external) or have studied Level 2 Digital Technology.

### Students will:

- Develop their research skills to understand the influence of context in their own art-making
- Learn about influential artists working in Graphic Design
- Learn how to systematically progress an idea from a concept through to the final outcome stage
- Acquire and advance photoshop skills to be able to communicate their own message
- Learn how to analyse and interpret graphic designs/artworks to enhance their own art-making
- Create dynamic and innovative work that expresses *their* ideas and style

There are numerous creative industries careers. Art-Design is a subject that is invaluable if a student wishes to be an interior designer, graphic designer, magazine artist, architect, tattoo artist, fashion illustrator etc.

### 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 A 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.

### **How do I qualify to take this subject?**

Have achieved Level 2 Painting (external).

### **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 A 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.

### **How do I qualify to take this subject?**

Have achieved Level 2 Photography (external)

### **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).

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 A McIntosh



## 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.

### **How do I qualify to take 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
- Please note: This subject may be taught at WBHS, depending on class size.

### **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?**

Ring binder, refill pad, music manuscript refill.

### **What will this course cost?**

Cost of hiring an instrument for itinerant music lessons if required.

### **Who should I see for further advice?**

Miss O Gonzales

# 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.

### **How do I qualify to take 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 drama, novel, short stories, poetry, non-fiction, and film.
- Development of writing skills
- How to 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 \$20.00

(This will be confirmed in 2019).

### **Who should I see for further advice?**

Mrs S Johnston

# Media Studies

## Level 3

### **What qualification can I get from this course?**

This course contributes to credits towards Level 3 NCEA. Some of the standards in this course contribute towards UE literacy writing credits.

### **How do I qualify to take this subject?**

Level 2 English credits, preferably at least one external essay standard. The ability to write concisely and analyse and evaluate information is required.

### **What will I learn?**

Media studies challenges and empowers students to analyse and interpret media content and to become more informed and think critically about the media and its role in everyday life. Students learn to recognise the things that influence the media and develop the skills to become informed, discriminating citizens in a constantly changing, interconnected world. Through media studies, students explore media issues and produce their own forms of media. Students will need to be able to work independently and meet checkpoints and deadlines.

### **What equipment/stationery do I need?**

A4 folder and refill

### **Who should I see for further advice?**

Ms J Sinclair

## Level 3

### **What qualification can I get from this course?**

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

### **How do I qualify to take this subject?**

You will need credits in each skill at Level 2 German or at the discretion of the HOL.

### **What will I learn?**

At Curriculum Level 8, students will be encountering a greater range and complexity of text types than at Curriculum 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 Curriculum 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?**

A4 folder and refill or 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

# Japanese

## Level 3

### **What qualification can I get from this course?**

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

### **How do I qualify to take this subject?**

You will need credits in each skill at Level 2 Japanese or at the discretion of the HOL.

### **What will I learn?**

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

# Mathematics with Calculus

## Level 3

### What qualification can I get from this course?

22 Credits towards NCEA Level 3.

Exceptional students may be eligible to complete a scholarship examination.

### How do I qualify to take 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) You need to show an ability to apply numerical skills and ideally should have at least 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.

2 x 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 & Statistics

## Level 3

### What qualification can I get from this course?

Up to 24 Credits towards NCEA Level 3. Exceptional students may be eligible to complete a scholarship examination.

### How do I qualify 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) You 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 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).

2 x 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.

# Physical Education

## Level 3

### What qualification can I get from this course?

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

### How do I qualify to take this subject?

No previous qualification needed. 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.

It is a UE accredited course.

### Students will:

1. Analyse the application of risk management strategies to a ski trip
2. Demonstrate quality movement in Athletics and Swimming
3. Develop knowledge and understanding about the body – anatomy, biomechanics, exercise physiology, principles and methods of training, sports psychology skills.
4. Analyse the swimming skills of self or others (optional)
5. Examine contemporary leadership principles in windsurfing and with Year 9 and 10 students.
6. Examine a current activity event, trend or issue (optional research standard)
7. Evaluate physical activity experiences to devise strategies for lifelong wellbeing.

This course can be modified to suit students who are involved in Dual Pathway courses or who would like less written credits and more practical work.

### 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 x 5 20 pocket display books, refill paper

### What will this course cost?

Ski trip (3 days) \$350 approx.

(This cost will be confirmed in 2019)

### Who should I see for further advice?

Mrs D Roberts



# Agriculture/Agribusiness

## Level 3

### **What qualification can I get from this subject?**

Credits towards NCEA Level 3.

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

### **What do I need to do this subject?**

Achievement in at least one external standard in Level 2 Agriculture or an interest in Agriculture in consultation with the HOL/ senior Agriculture teacher.

### **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 how a product meets market needs through innovation in the value chain.
- Understand how market forces affect supply and demand for NZ primary products
- Optional extra: Analyse future proofing strategies to ensure long term viability of a business.

### **What equipment/stationary do I need?**

A4 Folder and refill or 2B5 or 2B8 (hardcover book)

2 x softcover books 1B5 or lap top

### **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 V Lilley

Mrs J Howden

# Biology

## Level 3

### **What qualification can I get from this subject?**

Credits towards NCEA Level 3

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

### **How do I qualify to take this subject?**

Attempt both external achievement standards. Achievement in at least one.

### **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?**

Scipad course workbook \$20.00

Field trip to the Marine Centre—approx. \$150.00 (8th—10th March 2019)

(Costs will be confirmed in 2019)

### **Who should I see for further advice?**

Mrs V Lilley

# Chemistry

## Level 3

### **What qualification can I get from this subject?**

Credits towards NCEA Level 3.

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

### **How do I qualify to take this subject?**

Achievement in at least one standard in Level 2 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?**

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

Calculator

1B5 or 1B8 softcover book or own lap top

### **What will this course cost?**

Field trip to the Chemistry Department, Otago University for 2 days. \$60

(These costs will be confirmed in 2019).

### **Who should I see for further advice?**

Mrs V Lilley

Mrs J Howden

# Physics

## Level 3

### **What qualification can I get from this subject?**

Credits towards NCEA Level 3.

Merit or excellence endorsement in Physics

### **How do I qualify to take this subject?**

Achievement in 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 physics in the world we live in

### **What equipment/stationery do I need?**

A4 folder and refill, calculator

A Physics Workbook

### **What will this course cost?**

Physics course workbook \$25

Field trip \$20 approx.

(These costs will be confirmed in 2019).

### **Who should I see for further advice?**

Mrs V Lilley

Dr H McIntyre

# Accounting

## Level 3

### **What qualification can I get from this course?**

Credits towards Level 3 NCEA.

This course contributes to University Entrance literacy requirements.

### **How do I qualify to take this subject?**

Level 2 Accounting gained two Internals and have attempted AS91176 (external).

### **What will I learn?**

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

### **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

# 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.

### **How do I qualify to take this subject?**

English to Year 12 . It is helpful to have strong 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 Greeks? How do these influence us today?
- Heroism—How do Greek and Roman ideas about heroism compare with our own?
- History– Alexander the Great—the greatest ruler of all time?

### **What is this subject necessary for?**

Thinking, writing and analytical skills which are useful across all academic disciplines.

### **What equipment/stationery do I need?**

Folder or A4 hardcover book and plastic sleeves.

### **What will this course cost?**

Time, commitment, and an open mind

### **Who should I see for further advice?**

Ms S Hull

# Economics

## Level 3

### **What qualification can I get from this course?**

Credits towards NCEA Level 3.

This course contributes to University Entrance literacy requirements.

### **How do I qualify to take this subject?**

Achievement in one Internal and one External standard in Level 2 Economics (or at the discretion of the HOL)

### **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

# 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.

### **How do I qualify to take this subject?**

Preferable to have taken Level 2 Geography and gained one internal and one external standard. UE literacy plus genuine interest in the subject.

### **What will I learn?**

- Skills in map reading, sketching, analysing data (including photographs), research, evaluating information.
- Knowledge of a cultural process (tourism development) in a New Zealand (Queenstown)
- Skills in decision-making and planning.
- Analyse aspects of a geographic topic at a global scale.
- Analyse aspects of a contemporary geographic issue.

### **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

### **Who should I see for further advice?**

Mr G Pestell



# 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.

### **How do I qualify to take 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/ and/or Level 2 History and have passed an external standard in either subject.

### **What will I learn?**

How was it humanly possible?

The Holocaust 1933—1945

Internal Assessment Foci

A Contested Historical Event - to be confirmed

Impact of European colonisation on Banks Peninsula

### **What equipment/stationery do I need?**

A4 folder, refill and dividers if using a folder or A4 hardcover book and plastic sleeves.

### **What will this course cost?**

\$150.00 field trip to Akaroa. (This cost will be confirmed in 2019)

Time and commitment.

### **Who should I see for further advice?**

Ms S Hull

# Tourism

## Level 3

Year 13 may also select Level 2 Tourism as a second subject if they wish to complete the New Zealand 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 New Zealand Certificate is your goal, you do need to study both 12 Tourism and 13 Tourism.

Vocational pathways this course contributes to: service industries.

### **How do I qualify to take 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?**

Electronic device (if possible). The school is able to provide devices as required.

### **What will this course cost?**

Time and commitment.

### **Who should I see for further advice?**

Ms M Williams

# 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 qualifications can I get from this course?**

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

#### **How do I qualify to take this subject?**

You must have studied Level 2 Digital Technology and gained 14 credits (or more) to enter this course. Exceptions may be considered in consultation with Ms Gillies.

#### **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.

#### **How do I qualify to take 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 Ms Gillies.

#### **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. Visual diary or A4 folder and copysafe pockets.

#### **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?**

Ms B Gillies (HOL)

# Food Technology & 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, culinary arts, food design, the food industry and community and social services.

### **How do I qualify to take this subject?**

Achievement of Level 2 Food Technology and Nutrition is required. Some exceptions to this after consultation with Ms Gillies.

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)

# Graphic & Design (WBHS)

## 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.

### **How do I qualify to take 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.

### **What equipment/stationery do I need?**

1 x A3 Drawing pad

A3 Art case zipped

45+ 60 set squares

Warm grey number 2 studio marker

Warm grey number 5 studio marker

Fine point sharpie pen, black fineliner pen, coloured pencils (Aquarell), eraser

### **Who should I see for further advice?**

Ms M Williams

# Textiles Technology

## Level 3

### **What qualifications can I get from this course?**

NCEA Level Two. Assessment has Internal and External standards

### **How do I qualify to take 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 Programme 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?**

2 x 40 leaf clear file

Colouring pencils

2 x 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 B Gillies

# Dual Pathway

## Level 3

### **What qualifications can I get from this course?**

Credits towards NCEA Level 3. Credits toward Vocational Pathways in the Sector you choose: Service Sector, Primary Industries or Construction and Infrastructure.

### **How do I qualify to take this subject?**

A positive attitude and a real interest in the course being offered. Being committed to staying at school for a full year.

### **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 (1 day a week)
- Service Sector—Hospitality Career Pathways (1 day a week)
- Primary Industries—Achievement Standard Primary Industries
- Community and Health—Sustainability and the Outdoors (1 day a week)

We are waiting confirmation of all the courses being offered.

These courses run one day per week. If your course is in Timaru you must commit to catching a bus at 6.45am every course day and returning at 6pm that evening. The times may 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 Dual Pathway course you must write a letter of application to Mrs Hay by 21st September 2018.

### **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

# Gateway

## Level 3

### **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. This is a unit standard based course.

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

### **How do I qualify to take 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 21st September 2018. You must be committed to gaining at least 20 credits in your chosen area and have a positive attitude.**

### **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

(16 places available over Year 12 and 13.)



# Transition

## Level 3

### **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

### **Who should I see for further advice?**

Mrs V Hay