

SENIOR SCHOOL COURSE INFORMATION FOR 2010

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GENERAL INFORMATION

Year 11 to 13 Senior School Courses

The proportion of compulsory studies gets less as students progress through their senior years. Personal strengths, a greater awareness of future directions and course counselling all help students to plan their options to meet their personal needs and career paths.

Year 11 - Course of Study

Most students will follow English, Mathematics and Science courses. English and Mathematics are important in themselves, as key subjects in supporting learning in other areas, and as a compulsory part of the National Certificate in Educational Achievement. Students are then able to opt for courses which suit their particular strengths or the requirements of their continuing educational plans.

Guidance Notes

Try to seek as much guidance as possible from Subject Teachers, Deans and the Careers Staff as to the courses best suited to you.

Assessment procedures vary greatly between courses. Check the individual subject profiles and talk to subject teachers for assessment and qualification details.

Students are reminded that a well balanced, broad choice of subjects is most advisable at year 11 level.

Year 12 – Course of Study

In 2010 most courses in year 12 will offer achievement standards leading towards NCEA level 2.

The Rules and Procedures concerning NCEA level 2, and its Administration in the Golden Bay High School, are the same as those applied to Level 1.

Guidance Notes

Note that there are no specific literacy or numeracy requirements for NCEA level 2. However most students will follow both a Mathematics and English programme as they will not only need to develop skills that support other areas of learning, but they will also need to be aware of minimum literacy and numeracy requirements for University Entrance. At present these are :

8 credits at level 2 or higher in English

14 credits at level 1 or higher in Mathematics.

Year 13 – Course of Study

There are no compulsory subjects in Year 13. However, school age students are expected to follow a full course of five subjects. You may opt to study a multi-level programme, including subjects from years 11,12 and 13.

Guidance Notes

Some courses and vocational short courses are available for study through the Correspondence School. Seek guidance from the Dean as to the best combination of courses to make your year 13 course of study worthwhile and rewarding. If you are contemplating going to university in 2011, you should seek information about specific course entry requirements from the universities. See information on page 5 about University Entrance qualification.

Costs

While course costs are covered by the school and helped by parent contributions, some courses include field trips which will involve added travel expenses, as indicated on subject pages. Please ask about these if this is an issue. Other costs mentioned relate to particular stationery or workbooks required for the course.

Qualifications in the Senior School

The National Certificate of Education Achievement (NCEA)

1. What is NCEA?

NCEA or National Certificate of Educational Achievement is an internationally recognised qualification that requires students to achieve credits in Achievement Standards or Unit standards. There are 3 levels of NCEA:

Level 1

80 credits at any level, including eight credits from approved standards for literacy skills and eight credits from approved standards for numeracy skills.

Level 2

80 credits at level 2 or

60 credits at level 2 or above plus 20 credits at any level

Level 3

80 credits at level 3 or

60 credits at level 3 plus 20 credits at level 2 or above

2. How does NCEA Work?

To complete an NCEA students must earn credits in **Achievement Standards or Unit Standards**. Credits are gained meeting standards in their chosen subject areas. Some **Achievement Standards** will be assessed by the external examinations. Other **Achievement Standards** will be assessed by internal assessment. All **Unit Standards** are internally assessed

Achievement Standards are also different from Unit Standards because of the grades awarded.

Unit Standard Grades are

Not Achieved

Achieved

Achievement Standard Grades are

Not Achieved

Achieved

Achieved with Merit

Achieved with Excellence

In Achievement Standards, the Grade does not affect the number of credits that can be counted. If an achievement standard is worth 5 credits, the student will gain this number of credits regardless of whether they get Achieved, Merit, or Excellence

Students will have a clear idea how they are progressing right through the year as they obtain results and feedback on each assessment. Their results during the year will be communicated on a document called an **Interim Results Notice (IRN)** and at the end of the year on a document produced by NZQA called a **Record of Achievement (ROA)**. **This will contain all verified external and internal assessment results. Students will also be provided with the means to access results online via the NZQA website (www.nzqa.govt.nz)**

4. How will students know what is taught and assessed?

The vast majority of the courses of study (i.e. what is taught) at years 11, 12 and 13 will have objectives based on the National Curriculum Statements.

By reading IRN's and ROL's in conjunction with course outlines, teachers, parents and employers will know what skills or knowledge is being assessed in any particular standard.

NCEA supports learning choices that students make beyond school. School-leavers will be able to complete or build on their NCEA at different levels in wide range of educational and training establishments.

NCEA results will be recognised by employers throughout New Zealand and overseas. NCEA will also be used for entrance and selection purposes for tertiary courses.

External exams will continue to form an essential part of the new qualification. Many conventional school subjects have at least 50% of the assessment in the form of external examinations.

NCEA ASSESSMENT SYSTEMS AT GOLDEN BAY HIGH SCHOOL

A STUDENT GUIDE

The teacher in overall charge of Assessment Systems in 2010 is Mr Machin and is known as the Principal's Nominee. To ensure that the standards achieved by students working towards NCEA are equivalent to those in all other New Zealand Secondary Schools, a number of systems have been put into place.

Subject Assessment Statements: Each subject will provide an assessment statement at the start of course outlining to their students how the following policies (outlined below) will specifically be applied in their subject.

Authenticity: Students may be required to sign an authenticity statement, perform certain parts of assessment tasks under close supervision, or show through interview and the existence of notes and supporting material that the work submitted by the student is genuinely his/her own work.

Students who are ill, or absent from school for an assessment: *Where practically possible* another assessment opportunity will be provided for the student. The student will require medical certification or a written application from the caregiver of the student for this to be arranged. ***Students and caregivers must acknowledge that there may be a range of practical, economic and administrative reasons that prevent such an assessment opportunity being offered.***

Compassionate consideration

Compassionate consideration is available for students who have been prevented from sitting examinations or presenting materials for external assessment, or who consider that their performance in an external assessment has been seriously impaired because of exceptional circumstances beyond their control at the time of their external examinations. Students or caregivers should consult with the Principal's Nominee at the earliest opportunity if it is thought that compassionate consideration is likely to be a factor

Late Work: Work not completed on the due date is unable to be submitted under standards based assessment. Previously it was possible to deduct marks (up to a certain level) for each day that a piece of work was late. This is no longer possible. In exceptional circumstances students who have had a significant part of their preparation/work time interrupted before an assignment deadline may apply to the subject teacher for an extension of time. The Principal's Nominee, in consultation with the subject teacher will determine (a) if the application is justified and (b) the length of the extension.

It will still be possible to apply for an assessed mark for a ***missed externally assessed exam*** on compassionate grounds. The student will need to demonstrate competency through performances in mock exams or testing held through the year.

Numeracy and Literacy: In order to obtain level 1 NCEA, year 11 students will need to meet certain literacy and numeracy standards. These amount to a minimum of eight credits in mathematics and eight credits in English. They can be either achievement standards or unit standards.

Reassessment: Under the NZQA rules and procedures:

- A maximum of one further opportunity for assessment of a standard can be provided within a year.
- A further assessment opportunity is only appropriate if additional *teaching and learning* has taken place since the first assessment opportunity.
- It is not *compulsory* to offer an opportunity for further assessment, but if it is offered, it must be offered to all students.

- All grades must be available as a result of a further assessment opportunity (i.e. Not Achieved, Achieved, Merit, and Excellence, in the case of achievement standards).

Moderation of Internally Assessed Work: All subjects will have well developed systems of moderation to ensure students' work is fairly marked and the standard in a school matches with national standards. These systems include sending away samples of students' work.

Appeals: Students have the right of appeal as to the mark they have been awarded or any other aspect of the assessment. Subject course outlines will provide details of procedures, which will usually start by consulting with the subject teacher. All students will be required to sight and "sign off" results as being accurate prior to them being submitted to the NZQA. If the subject teacher cannot resolve the matter, then the Principal's Nominee will act as the next adjudicator. If the matter still cannot be resolved then the PN may need to seek, in very rare circumstance, the advice of the NZQA.

Provisional results notices: In January following the year of study students will receive a provisional results notice from NZQA, which will have details of both internal and external standards results. This will include details of standards passed and credit value of each pass.

Record of Achievement: When results are confirmed these will be published on each student's Record of Achievement, published by the NZQA. This document will be updated annually with the results of achievement and unit standard assessments as the student progresses through his continuing education at school and beyond.

NCEA Levels 1 - 3 Certificate Endorsement

Candidates studying for NCEA will be able to achieve certificates at all three levels with Merit or Excellence endorsements. The purpose of the endorsements is to encourage students to strive to produce work of a high quality and to recognise that achievement when it occurs. This will provide students of above average ability with challenging but achievable goals.

- Endorsement with Merit
For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the National Qualifications Framework (NQF) as the certificate being awarded.
- Endorsement with Excellence
For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the NQF as the certificate being awarded.

Entries and fees: NZQA set the level of fees at the start of each year. This will be communicated to students and caregivers early in 2010

Financial assistance is available from NZQA to reduce overall level of fees for:

- Caregivers or students who are beneficiaries
- Caregivers or students who have a community service card
- Families who have more than one student who is liable for entrance fees in a particular year
- Application forms for financial assistance are available from the School Office. Caregivers will be notified when they become available.

THE NATIONAL QUALIFICATIONS FRAMEWORK

UNIT STANDARDS

The New Zealand Qualifications Authority has, in addition to achievement standards for conventional school subjects, a wide range of Unit Standards available for trade and vocational qualifications. These form what is known as the National Qualifications Framework. Golden Bay High School is accredited to deliver and assess a large number of unit standards from the Framework. Each unit has defined outcomes or performance criteria which a student has to be able to master to gain that unit standard. Groups of unit standards can form National Certificates e.g. National Certificate in Computing (Level 2) or National Certificate in Employment Skills.

Some advantages of using the Qualifications Framework are:

- All areas of learning, both academic and vocational, are covered by the Framework either through Achievement Standards or Unit Standards
- Some units can be cross-credited for different National Certificates
- Students may be able to do some "polytechnic" and "apprenticeship" units while still at school.

University Entrance and Level 3 Standards

Students will qualify for entrance to a university in New Zealand if they have obtained:

- a minimum of 42 credits at level 3 or higher on the National Qualifications Framework, including a minimum of 14 credits at level 3 or higher in each of two subjects from the approved subject list (see below) with a further 14 credits at level 3 or higher taken from no more than two additional domains on the National Qualifications Framework or approved subjects
- a minimum of 14 credits at level 1 or higher in Mathematics on the National Qualifications Framework
- a minimum of 8 credits at level 2 or higher in English or Te Reo Maori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy standards will be selected from a schedule of approved achievement standards and unit standards.

Please Note:

- It is possible for a student to gain University Entrance but still not have the appropriate number of credits for a level 3 NCEA.
- It is possible for a student to gain level 3 NCEA but still not have the appropriate number of credits in conventional school subject for University Entrance.
- The above statement concerning University Entry is the **minimum requirement**. Some courses may require additional entry requirements based on specific achievement standards or higher levels of achievement (merit, excellence) in certain standards. Students will need to know details of entry requirements as soon as possible in 2010 so that they can ensure that their course choices meet these requirements. Deans, Career Guidance Staff and Senior Administrators can assist students in obtaining this information.

Approved Subject List

Accounting
Agriculture & Horticulture
Biology *
Chemistry *
Chinese
Classical Studies
Computing *
Cook Islands Maori
Dance
Design (Practical Art)
Drama
Economics *
English *
French
Geography *
German
Graphics
Health Education
History *
History of Art
Indonesian
Japanese
Korean
Latin
Mathematics with Calculus *
Mathematics with Statistics *
Media Studies
Music Studies
Painting (Practical Art) *
Photography (Practical Art) *
Physical Education *
Physics *
Printmaking (Practical Art) *
Samoan
Science*
Sculpture (Practical Art)
Spanish
Social Studies
Technology
Te Reo Rangatira or Te Reo Maori
* *Denotes subjects currently taught at Golden Bay High School*

Students who are uncertain about whether their chosen courses will provide the opportunity to obtain sufficient credits for University Entrance should consult the Year 13 Dean.

COURSES AT GOLDEN BAY HIGH SCHOOL

Year 11

English➤
 Practical English.....

Mathematics➤
➤
 National Cert in Mathematics.....

Science.....➤
➤
➤

Social Sciences / Geography➤
➤

Economics.....

Physical Education

Art.....➤

Home Economics

National Certificates in
 Mechanical Engineering and
 Automotive Technology
 Level 1➤

National Certificate in Building, ...
 Construction and Allied trade Skills
 Level 1.....➤

Transition
 Gateway.....

Information & Communication....
 Technology.....➤

.....

Te Reo Maori

Japanese.....➤

South Pacific Education Courses ..
 (SPEC).....

Year 12

English➤
 Practical English.....

Mathematics.....➤
➤
 National Cert in Mathematics

Biology
 Chemistry.....➤
 Physics➤

Geography
 History.....

Economics or Business Studies

Physical Education (Level 2).....
 Outdoor Education

Practical Art.....➤
 Photography

Home Economics

National Certificates in
 Mechanical Engineering and
 Automotive Technology
 Level 2.....

National Certificate in Building, ..
 Construction and Allied trade Skills
 Level 2.....

TRADES
 Gateway

Information & Communication....
 Technology➤

Peer Tutoring

Te Reo Maori.....

Japanese

South Pacific Education Courses
 (SPEC)

Year 13

English
 (Practical English)

Statistics
 Calculus

Biology
 Chemistry
 Physics

Geography
 History

Economics

Physical Education (Level 3)

Painting or Printmaking
 Photography

Home Economics

National Certificates in
 Mechanical Engineering and
 Automotive Technology
 Level 2

National Certificate in Building,
 Construction and Allied trade
 Skills Level 2

TRADES

Information Communication
 Technology

Peer Tutoring

Te Reo Maori

NOTES:

Underline Type indicates compulsory subjects.

➤ Arrows mean a subject has to be studied at one level to proceed to the next. If numbers are too low, subjects may have to be taught through the Correspondence School.

No arrows mean subjects can be picked up at that level.

ARTS

Year 11 Practical Art

Entry Requirements: Nil.

Course Description:

A practical course involving research, drawing, painting and printmaking. Students will work from an artist model, study aspects of bi-cultural features within the visual arts and start to develop their own skills, ideas and styles. The external submission is in the form of a two-panel folio.

Qualifications: Achievement standards offered.

Title of Achievement Standards	Internal/ External	Credit Value
A.S.1.1 Research art and artworks from Maori and European traditions and their contexts	Internal	3
A.S.1.2 Generate and develop ideas using drawing processes	Internal	5
A.S.1.3 Generate and develop ideas in making artworks	External	12
A.S.1.4 Extend ideas in other media and techniques	Internal	4

Year 12 Practical Art (Painting/Printmaking)

Entry Requirements: Previous experience in Year 11 Practical Art or portfolio of drawings.

Course Description:

A practical course involving research, drawing, painting and printmaking. Students will work from artist models (both national and international) and continue to develop their own skills, ideas and styles. The external submission is in the form of a two-panel folio.

Qualifications: Achievement standards offered

Title of Achievement Standards	Internal/ External	Credit Value
A.S. 2.2 Generate and develop ideas using drawing processes and procedures in printmaking	Internal	6
A.S. 2.2 Generate and develop ideas using drawing processes and procedures in painting	Internal	6
EITHER A.S. 2.3 Produce a body of work within painting OR printmaking practice	External	12
OR A.S. 2.1 Research information, methods and ideas in the context of a drawing study in painting or printmaking practice.	Internal	6

Year 13 Painting or Printmaking

Entry Requirements: Either previous experience in Year 12 Practical Art or a high achieved or better in Year 11 Practical Art.

Course Description:

A practical course involving research, drawing, painting and printmaking. Students will be required to present a thematic study of subject matter and to show evidence of work from artist models (both national and international) while they continue to develop their own skills, ideas and styles. The external submission is in the form of a three-panel folio.

Qualifications: Achievement standards offered

Title of Achievement Standards	Internal/ External	Credit Value
A.S. 3.1 Research an art making tradition and discuss its links to recent practice.	Internal	4
A.S. 3.2 Investigate ideas and methods in the context of a drawing study in one field (i.e. painting or printmaking).	Internal	6
EITHER A.S. 3.3 Produce original work to show extensive knowledge of art making methods and ideas in painting or printmaking. OR A.S. 3.2 Investigate ideas and methods in the context of a drawing study for the other field.	External	14
	Internal	6

ARTS (continued)

Year 12 Photography

Entry Requirements: Nil

Course Description:

Visual Arts Photography offers a one year thorough course in basic black and white photography with both guided and individual study of traditional and contemporary methods and ideas. Students apply their understanding through the development of their own work on a theme. All equipment is provided, however, access to a basic 35mm single lens reflex camera is an advantage. The external submission is in the form of a two panel folio.

Costs: Equipment, materials and chemicals used are covered by the school, with the help of parent donations.

Film, paper and folio boards will incur additional cost to students.

Qualifications: Level 2 Unit and Achievement standards offered

<i>Title of Unit or Achievement Standards</i>	<i>Internal/ External</i>	<i>Credit Value</i>
U.S. 9050 Demonstrate basic black and white photography procedures and processes.	Internal	6
A.S. 2.2 Generate and develop ideas using drawing processes and procedures in photography practice	Internal	6
A.S. 2.3 Produce a body of work within photography to show understanding of art making methods and ideas.	External	12

Year 13 Photography

Entry Requirements: Nil

Course Description:

Students will be required to present a thematic study of subject matter and to show evidence, through proof sheets, sketches and photographs, of their extensive understanding of photography as picture making. They will work from artist models (both national and international) and continue to develop their own skills, ideas and style. The external submission is in the form of a three-panel folio.

Requirements: A single lens reflex camera with a standard or zoom lens, or digital camera with manual controls is needed for the year. Extra lenses are an advantage, as is a steady tripod, but they are not essential. It is preferable that students have successfully completed Year 12 Photography and/or taken classes in Art.

Costs: Equipment, materials and chemicals used are covered by the school, with the help of parent donations.

Film, paper and folio boards will incur additional cost to students.

Qualifications: Achievement Standards offered for Level 3 units

<i>Title of Achievement Standards</i>	<i>Internal/ External</i>	<i>Credit Value</i>
EITHER: A.S. 3.1 Research and analyse approaches within established photography practice.	Internal	4
OR: (for those new to Photography) US 9050 (Level 2) Demonstrate basic black and white photography procedures and processes	Internal	6
A.S. 3.2 Investigate and use ideas and methods in the context of a drawing study.	Internal	6
A.S. 3.3 Produce original work to show extensive knowledge of art making methods and ideas.	External	14

ECONOMICS

Year 11

Entry Requirements: Nil

Course description:

Consumer skills in the economy.
Producer Decisions and their interaction with the consumer and the market

Qualifications

Achievement Standards offered

Title of Achievement Standards	Internal External	Credit Value
1.1 Describe concepts related to consumer choice and demand	External	4
1.2 Describe producers, production and resources, and their use	External	5
1.3 Understand the concept of supply	External	3
1.4 Describe the market	External	5
1.5 Describe relationships between sectors of the economy	External	2
1.6 Understand and use the consumer decision making model	Internal	2
1.7 Carry out an economic investigation	Internal	3

Unit Standards offered

Title of Unit Standard	Internal External	Credit Value
US 5855 Explain the production process in economics	Internal	5

Year 12

Entry Requirements: Nil

Course description:

This course focuses on five main areas:

- Employment
- Trade
- Growth
- Inflation
- Inequality

Qualifications:

Achievement Standards Offered

Title of Achievement Standards	Int/Ext	Credit Value
2.1 Describe inflation and its causes and effects using economic models	Ext	4
2.2 Describe international trade and its causes and effects using economics models	Ext	4
2.3 Describe economic growth and its causes and effects using economic models	Ext	4
2.4 Process, prevent and analyse statistical data in relation to given economic issues	Int	6
2.5 Describe government policies in relation to economic issues	Ext	6

Year 12 Business Studies

Depending on the number of students either a Year 12 Business Studies or a Year 12 Economics class will be run.

Qualifications:

Unit Standards offered

Title of Unit Standard	Int/ Ext	Credit Value
US 22850 Demonstrate and apply knowledge of marketing in business	Int	3
US 22852 Demonstrate and apply knowledge of business production processes	Int	2
US 22856 Carry out a planned ongoing business activity	int	5
Young Enterprise Certificate		24

Year 13

Entry Requirements: Nil

Course description:

An analytical study of the market and the public sector, as well as an understanding of overall resource allocation in the economy

Qualifications:

Achievement Standards Offered

Title of Achievement Standards	Internal External	Credit Value
3.1 Understand marginal analysis and behaviour of firms	External	5
3.2 Describe an economic problem, allocative efficiency and market responses to change	External	4
3.3 Describe market failure and government interventions to correct for market failure.	External	4
3.4 Describe aggregate economic activity	External	6

Unit Standards offered

Title of Achievement Standard	Int/Ext	Credit Value
US 5863 Investigate and compare the behaviour of firms under different market structures	Int	5
US 5864 Explain and apply the concepts of marginal utility and elasticity	Int	5
US 5865 Examine the allocation of resources via the market and the state	Int	5
US 5867 Demonstrate and explain the national income distribution	Int	5

ENGLISH

Year 11

Full NCEA

Entry Requirements: The likelihood of achieving more than 8 credits, as assessed by English teachers, in consultation with students.

Course description:

Eight NCEA standards will be offered, totalling 22 credits – 10 externally assessed and 12 internally assessed.

Title of Standard	Internal External	Credit Value
1.1 Produce creative writing	Internal	3
1.2 Produce formal writing	External	3
1.3 Read, study & understand an extended text	External	2
1.4 View, study & understand a visual text	External	2
1.5 Read & understand unfamiliar texts.	External	3
1.6 Deliver a speech in a formal situation.	Internal	3
1.7 Produce a media or dramatic presentation	Internal	3
8808: Wider Reading or 12412: Poetic texts	Internal	3

Modified NCEA

Entry Requirements: See above. Students who are unlikely to achieve success in the full course will be offered the chance to get the crucial 8 literacy credits in a modified Year 11 course.

Course Description: Students will be offered Unit Standards and some Achievement Standards. The types of standards offered and the ways they are taught and assessed give students the best chance to secure the 8 literacy credits they must have to gain a Level 1 Certificate.

Year 12

Full Course Entry Requirements:

Around 14 credits in Level 1 English.

Course Description:

22 level 2 credits will be offered – 10 externally assessed and 13 internally assessed. Reading and writing credits at level 2 or above for University Entrance. All students considering university study must familiarise themselves with these requirements. This is particularly important for anyone intending to drop English in yr 13.

Title of Standard	Internal External	Credit Value
2.1 Produce crafted & developed creative writing.	Internal	3
2.2 Produce crafted & developed formal writing.	Internal	3
2.3 Read & analyse extended written text(s)	External	3
2.4 View, study & analyse a visual text.	External	3
2.5 Read unfamiliar texts & analyse the ideas and language features.	External	3
2.6 Deliver a presentation using oral & visual language techniques.	Internal	3
8823: Wider Reading or 12419: Poetic texts	internal	4

Modified Course Description:

Students achieving fewer than 14 credits in Level 1 English will be encouraged to enter the Modified Level 2 Course or to repeat level 1. It will include level 1 & 2 Achievement Standards, level 1 & 2 Unit Standards, and regular revision of those aspects of English which are necessary for people nearing the end of their school careers. The balance and timing of the course will be determined by the needs of the students in the class.

Year 13

Entry Requirements:

Around 12 credits in Level 2 English. Students with fewer than 12 will be encouraged to repeat level 2. Students intending to go to university must acquaint themselves with the entry requirements. Specified reading and writing credits are required.

Course Description:

24 credits will be offered – 10 internally assessed and 14 externally assessed. A level 3 unit standard in wide reading may also be offered.

Title of Standard	Internal External	Credit Value
3.1 Produce an extended piece of writing in a selected style.	Internal	4
3.2 Respond critically to written text studied	External	3
3.3 Respond critically to Shakespearean text studied.	External	3
3.4 Respond critically to unfamiliar prose & poetry texts.	External	3
3.5 Construct & deliver an oral presentation.	Internal	4
3.6 Complete independent research & present findings in written form.	Internal	4
12427: Evaluate Poetic texts	Internal	4

These standards may be altered in years 11-13 according to teacher discretion in respect to student needs.

HOME ECONOMICS and HOSPITALITY - COOKING

Year 11

Entry Requirements: Nil

Course description:

Students investigate current trends and issues relating to nutrition and food to enable them to plan and present food that is appropriate an adolescent. The hospitality units are designed as an introduction to working in a commercial kitchen environment. In it, students will learn:

- Essentials of food hygiene an safe food handling practices
- How to prepare and present meat in the hospitality industry
- How to prepare and present fruit and vegetables in the hospitality industry
- How to present eggs and cheese in the hospitality industry
- Please note some ingredients will be supplied by the school, but students are asked to supply key ingredients for practical lessons

Cost:

- \$15 for AS workbooks and specialised ingredients
- Students must provide key ingredients for practical activities.
- \$10 required at the end of term 2 for ingredients used in assessment
- Star funding will cover the cost of Hospitality workbook

<i>Achievement Standards</i>	Internal/ External	Credit Value
90747 Plan and prepare food to meet requirements of an individual	Internal	6
90748 Interpret and apply food and nutritional information	External	5
<i>Unit Standards</i>		
15620 Apply knowledge of hygiene and safety in preparation, serving and storage of food	Internal	6
15900 Prepare and present meat in the hospitality industry	Internal	3
15901 Prepare and present fruit and vegetables in the hospitality industry	internal	2
19770 Prepare and present egg and cheese dishes in the hospitality industry	internal	2

Year 12

Entry Requirements:

Level 1 cookery is an advantage but not necessary. A genuine desire to work with food is essential. Preference will be given to students with level 1 cookery

Course description: This course is designed to enable those who wish to work in the hospitality industry an opportunity to gain a recognised qualification in food safety and basic cookery. Level 2 cookery can be continued at polytechnic or in a work placement offering an apprenticeship. This course is the first step in gaining a national certificate in cookery. The unit standards gained also count towards NCEA level 2. It is hoped some students will enter cookery competitions organised by the Hospitality Standards Institute for secondary schools. A jacket and hat may be purchased for these competitions.

Cost:

- \$36 (For training pack and specialised ingredients)
- Students must provide key ingredients for practical activities.
- \$20 required later in the year for cost of ingredients used in assessments.
- Star funding will cover the cost of Hospitality workbook

<i>Achievement Standards</i>	Internal/ External	Credit Value
167: Practice food safety methods in a food business	Internal	4
13285: Handle and maintain knives in a commercial kitchen	Internal	2
13283: Prepare and present salads for service in a commercial kitchen	Internal	2
13281: Prepare and present basic sandwiches for service in a commercial kitchen	Internal	2
13276: Cook food by grilling in a commercial kitchen	Internal	2
13278: Cook food by roasting in a commercial kitchen	Internal	2
13271: Cook food by frying in a commercial kitchen	Internal	2
13280: Prepare fruit and vegetables in a commercial kitchen	Internal	2
13273: Cook food by boiling in a commercial kitchen	Internal	2

Year 13

Entry Requirements:

Level 1 or 2 Home Economics an advantage but not essential. A genuine desire to work with food is important.

Course description: The course is a designed to enable students to extend practical skills learnt in previous years and to use creativity and resourcefulness with food. Investigation into food needs of pregnant women, sportspeople and diabetics enables students to fully understand the role a well balanced diet has in health. Student will plan and prepare food for a café type setting which will be served to invited guests. This unit gives students an insight into costing food, planning a menu and serving customers

Cost: \$15.00 for workbook issued throughout the year. Students must provide key ingredients for practical activities.

<i>Unit Standards all level 3</i>	Internal/ External	Credit Value
6647 Provide food for a person with altered food needs	Internal	5
15627 Demonstrate creativity in meal preparation and presentation	Internal	6
15624 Provide food for two people with significantly different food needs	Internal	5
6648 Prepare, plan and serve food for a special occasion	internal	4

INFORMATION & COMMUNICATION TECHNOLOGY

Year 11

Entry Requirements: Basic word processing and keyboarding skills

Course description: ICT is a practical subject which develops the skills needed to enable students to utilise the computer as an effective communication tool, both in the home and workplace. Students will work on a programme of work that is made up of:

Achievement Standards in:

- Information Management

Unit Standards in:

- Generic Computing and Business information processing (opportunities for the acknowledgement of advanced skills base development will be offered through Level 2 unit standards assessments)

Skills development includes:

- Research
- The ability to produce attractive, consistently displayed work
- The ability to increase planning and decision-making skills
- Creation of a range of documents for both personal and community use – using the most appropriate software package e.g. word processing, spreadsheeting, desktop publishing, database

<i>Qualifications</i>		
<i>Title of Achievement Standards</i>	Internal External	Credit Value
1.2 Use standard operating and file management procedures	Internal	2
1.3 Access and process information from different media	Internal	4
1.5 Communicate information from given materials and by direct composition	External	4
1.6 Manage information using spreadsheet and text applications	External	4
1.7 Apply design principals to produce documents	External	4
<i>Unit Standards offered</i>		
<i>Title of Unit Standard</i>		Credit
101: Develop and use keyboarding skills to enter text	Internal	3
18743: Produce a spreadsheet from instructions	Internal	2

Year 12

Entry Requirements: 12 or more credits from level 1 or above, at least 4 from the Year 11 external exam.

Course description: This is a modular combination course comprising of Achievement Standards and Unit Standards. It is designed to allow students to work at their own present ability levels.

The main areas covered are:

- Word and text processing techniques
- Spreadsheeting and charting
- Databases
- Presentation skills: e.g. Desktop Publishing, Slideshows, Website Design

<i>Qualifications</i>		
<i>Title of Achievement Standards</i>		Credit
107: Produce text process communications	Business information processing	5
15167 Create individual web pages as a basis of a website (html)	Generic Computing	2
15168 Enhance pages on a website		4
<i>Title of Unit Standards</i>		
2786: Create and use a computer flatfile database using base functions		3
2788: Product desktop published documents using base functions		3
2784: Create and use a simple computer spreadsheet to solve a problem		3

Year 13

Entry Requirements: Year 12 Information Communication Technology credits

Course description:

This is a modular course of unit standards designed to allow students to work at their own present ability levels. Students will be given the opportunity to complete further Unit Standards once the main ones are completed.

The main areas covered are:

- Word and text processing techniques
- Spreadsheeting and charting
- Databases
- Presentation skills: e.g. Graphics, Desktop Publishing, Web Pages

<i>Qualifications</i>			
<i>Title of Unit Standards</i>	Field	Level	Credits
Compulsory Unit Standards			
112: Produce information using wordprocessing functions	Business information processing	3	5
2785: Produce and use computer spreadsheets for business use	Generic Computing	3	5
2787: Create and use a computer flatfile database for business use		3	5
2789: Plan and design desktop published documents for business use		3	5

LANGUAGES

Year 11 Maori

Entry Requirements: Years 9&10 Maori or some previous understanding of Te Reo.

Course Description: This course assumes that the student has covered the language and structure in years 9&10. Unit standards will be offered as well as NCEA Achievement Standards in the following. Students can choose which Standards they want to complete.

Korero (oral) NCEA
Whakarongo (listening) NCEA
Panui (reading)
Raranga (weaving)
Tikanga Hui (History)
Maori Geography
Putaiiao (Science)

Qualifications:

Level 1 NCEA and Level 1 NZQA

<i>Title of Achievement Standards</i>	<i>Internal / External</i>	<i>Credit Value</i>
Whakarongo (listening) NCEA	Internal	6
Korero(oral) NCEA	Internal	6
Panui (reading) NCEA		6
Tuhituhi (writing) NCEA		6
Raranga Te Whare Pora	18689 Internal	4
Prepare Harakeke for kete	7869 Internal	2
Whiri Tipare	7881 Internal	2
Whakamahi Whiri	7879 Internal	2
Describe the Role of Atua	19670 Internal	2
Demonstrate Knowledge of Kohatu	15984 Internal	2

Year 12 Maori

Entry Requirements: Some knowledge of Te Reo would be an advantage but not necessary.

Course Description: A course that develops understanding of Raranga/Weaving and Tikanga/ History, together with knowledge of Marae protocol. Students may choose which standards they wish to achieve to gain sufficient credits from below.

Unit Standards

Unit Standards will be offered in the following obtaining Level 2 NZQA Qualifications.
Raranga (Weaving)
Maori Geography
Tikanga (History)
Putaiiao (Science)
Korero (Oral)
Whakarongo (Listening)

<i>Title of Unit Standard</i>	<i>Internal</i>	<i>Credit Value</i>
Kete Takitahi using Pattern	7882 Internal	4
Prepare Pingao for Kete	7871 Internal	3
Prepare Keikei for Kete	7870 Internal	4
Carry out a Kaitiakitanga Activity	6143 Internal	6
Prepare Harakeke for kete whakairo	7875 Internal	4
Explain kaitiakitanga in relation to the way Maori interact with the natural environment	6142 Internal	3

Year 13 Maori

Entry Requirements: Some knowledge of Te Reo would be an advantage but not necessary.

Course Description: A course that develops understanding of Raranga/Weaving and Tikanga/ History, together with Knowledge of Marae Protocol. Students may choose which standards they wish to achieve to gain sufficient credits from below.

Unit Standards

Unit Standards will be offered in the following obtaining Level 3 NZQA Qualifications.
Raranga (Weaving)
Maori Geography
Tikanga (History)
Putaiiao (Science)

<i>Title of Unit Standard</i>	<i>Internal</i>	<i>Credit Value</i>
Explain Wahi Tapu in relation to how Maori manage the environment	6144	6
Explain Mahinga kai in relation to how Maori use Taonga of the Natural World	6145	3
Carry out a local Mahinga Kai activity with direction	6146	3
Describe the changing roles for Maori Women throughout history	16056	4
Dye Whenua for Kete Whakairo	7872	5
Raranga Koronae	7908	3

Note: Other languages may be available through correspondence. See page 28

LANGUAGES (Continued)

Year 11 Japanese

Entry Requirements: Year 10 Japanese

Course description:

Completion of Levels 1-6 of the curriculum with emphasis on the themes of:

- School life
- Family routines and life
- Travel and holidays
- Reading and writing of Hiragana and Katakana and the reading of 50 prescribed kanji
- Cultural studies are integrated into units

Cost: Approximately \$20 for a resource booklet and MA4s

Qualifications

Achievement Standards Offered

Title of Standard	Internal/External	Credit Value
1.1 Listen to and understand Japanese in familiar contexts	External	6
1.2 Give a prepared talk in Japanese on a familiar topic	Internal	3
1.3 Converse in Japanese in a familiar context	Internal	3
1.4 Read and understand written language in Japanese in familiar contexts	External	6
1.5 Write text in Japanese on a familiar topic	External	3
1.6 Write text in Japanese on familiar topics with the support of text resources.	Internal	3

Unit Standards Offered

12073 Demonstrate knowledge of a selected Japanese cultural aspect		2
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Year 12 Japanese

Entry Requirements: 15 Level 1 credits (Preferably 12 of these from externally assessed standards - negotiable)

Course description:

Consolidation and completion of Levels 1-6 and completion of Level 7 of the curriculum. [Level 7: Survival skills and social competence]

Themes: [From the texts "Getting there in Japanese"]

- Family Life
- Eating and Drinking
- The Japanese School System
- Leisure Activities

Cost: Approximately \$20 for Resource book and exercise books

Title of Standard	Internal/External	Credit Value
AS90484 2.1 Listen to and understand spoken language in Japanese in less familiar contexts	External	6
AS90485 2.2 Give a prepared spoken presentation in Japanese on a less familiar topic	Internal	3
AS90486 2.3 Converse in Japanese in a less familiar context	Internal	3
AS90487 2.4 Read and understand written language in Japanese in less familiar contexts	External	6
AS90488 2.5 Write text in Japanese on a less familiar topic	External	3
AS90489 2.6 Produce crafted writing in Japanese on a less familiar topic, with the support of resources	Internal	3

MATHEMATICS

Year 11

A Class

Entry Requirements: Students must have been in the Year 10 A class.

Course description: This course provides students with an academic preparation in Mathematics. It fully covers levels 5 and 6 of the NZ mathematics curriculum. Topics include number, measurement, algebra, geometry and statistics.

This course is required for those students who wish to continue in Mathematics, the Sciences, or Economics.

Students must achieve 18 credits, including at least two merits in External Achievement Standards, in this course to be allowed to study the full year 12 mathematics course.

Qualifications: Achievement Standards offered

<i>Title of Achievement Standards</i>	Internal External	Credit Value
1.1 Use straightforward algebraic methods to solve equations	External	3
1.2 Sketch and interpret linear or quadratic graphs	External	3
1.3 Solve problems involving measurement of everyday objects	Internal	4
1.4 Use geometric techniques to produce a pattern or object	Internal	2
1.5 Use straightforward statistical methods to explore data	Internal	3
1.6 Determine probabilities	External	2
1.7 Solve straightforward number problems in context	External	3
1.8 Solve right angled triangle problems	External	2
1.9 Use geometric reasoning to solve problems	External	2

B Class

Entry Requirements: Students must have been in the Year 10 B class.

Course description: This course provides students with an academic preparation in Mathematics. It covers level 5 of the NZ mathematics curriculum. Topics include number, measurement, algebra, geometry and statistics.

This course continues to the Year 12 B class. Students must achieve 14 credits in this course to be allowed to study the Year 12 B Mathematics course.

Qualifications: Achievement Standards offered

<i>Title of Achievement Standards</i>	Internal External	Credit Value
1.1 Use straightforward algebraic methods to solve equations	External	3
1.2 Sketch and interpret linear or quadratic graphs	External	3
1.3 Solve problems involving measurement of everyday objects	Internal	4
1.4 Use geometric techniques to produce a pattern or object	Internal	2
1.5 Use straightforward statistical methods to explore data	Internal	3
1.6 Determine probabilities	External	2
1.7 Solve straightforward number problems in context	External	3
1.8 Solve right angled triangle problems	External	2
1.9 Use geometric reasoning to solve problems	External	2

C Class

Entry Requirements: Nil

Course description: The mathematics taught in this class will be of a more practical nature. The course will be based on the Level 1 Unit Standards that are listed below. There will be reassessment opportunities provided for all these activities. Some of the Unit Standards covered in this course are required for the National Certificate in Employment Skills.

Student doing this course may not continue to either of the Year 12 courses in Mathematics.

The following Standards will make up this course.

<i>Unit Standards offered (100% Internally assessed)</i>	
Title of Unit Standard	Credit Value
5223 Algebra: Use formulae and equations to solve problems	2
5224 Number: Use decimals and percentages to solve problems	2
5225 Number: Use fractions and ratio to solve problems	2
5226 Number: Construct and use tables and graphs	2
5227 Number: Solve problems involving time and money	3
5228 Measurement: Measure and use calculations to solve problems	2
8489 Number: Solve problems which require calculations with whole numbers	2
8490 Number: Solve problems with numbers expressed in different forms	2
8491 Number: Read and interpret information presented in tables and graphs	2
8492 Measurement: Use standard units of measurement	3
<i>Achievement Standards offered (Externally assessed)</i>	
1.6 Determine probabilities	2
1.8 Solve right angle triangles	2
1.9 Use geometric reasoning	2

MATHEMATICS

Year 12

A Class

Entry Requirements:

Students have gained at least 18 credits in NCEA Level 1 Mathematics Achievement Standards including at least two *MERITS* in External Achievement Standards. This course is for those students with ability in Mathematics who intend to study NCEA Level 3 Calculus or Statistics in 2009. Students who intend study Sciences, Engineering or Economics at university will need to be in this class.

Course description: This course provides students with an academic preparation in Mathematics. It fully covers level 7 of the NZ Mathematics Curriculum. Topics include algebra, computing, graphing, coordinate geometry, calculus, numerical methods, statistics and probability. This course is required for those students who wish to study Mathematics with Calculus and Mathematics with Statistics at Level 3.

Qualifications:

Achievement Standards Offered

<i>Title of Achievement Standards</i>	Internal External	Credit Value
2.1 Manipulate algebraic methods to solve equations	External	4
2.2 Sketch and interpret non-linear graphs	External	3
2.3 Find and use straightforward derivatives and integrals	External	4
2.4 Solve problems using a coordinate geometry method	Internal	2
2.5 Select a sample and make inferences from the data	Internal	3
2.6 Simulate probability situations, and apply the normal distribution	Internal	2
2.7 Solve straightforward problems involving sequences	External	2
2.8 Solve practical trigonometry problems	Internal	2
2.9 Solve straightforward trigonometric equations	External	2

B Class

Entry Requirements

Students must gain 14 credits in the Year 11 course to enter the Year 12 course.

Course description: This is a new course in 2010 and the details have not yet been worked out. Students will be assessed by Unit of Achievement Standards covering the topics Algebra, Graphing, Trigonometry, Statistics, Co-ordinate Geometry, Sequences. Students will; be able to gain credits at Level 2.

Qualifications:

Standards Offered (this may change)

<i>Title of Standard</i>	Credit Value
US 5245 Co-ordinate Geometry	2
US 5246 Algebra	4
US 5248 Sequences	2
US 5250 Probability	3
US 5251 Trigonometry	3
US5253 Graphs	3
US 5255 Trigonometric Equations	3

MATHEMATICS

Year 13

Mathematics with Calculus

Entry Requirements: Students should have gained 18 credits or better in the Year 12 Mathematics course.

Course description: This course contains algebra, coordinate geometry, graphing, calculus, trigonometry and complex numbers. This course is required for students continuing study in physical sciences, engineering and economics.

Qualifications: Achievement and unit Standards Level 3 are offered.

Mathematics with Statistics

There is no course in 2010 because students completed it in 2009.

<i>Achievement Standards offered</i>	<i>Internal / External</i>	<i>Credit Value</i>
C3.1 Find and use derivatives to solve problems	Ext	6
C3.2 Integrate functions and solve problems by integration, differential equations or numerical methods	Ext	6
C3.3 Solve problems and equations involving trigonometric functions	Int	4
C3.4 Manipulate real and complex numbers and solve equations	Ext	5
C3.5 Sketch graphs and find equations of conic sections	Ext	3
Unit standards covering the same topics will be available		
For very exceptional students scholarship will be available. This consists of Level 4 Achievement Standards covering the same topics but in greater depth.		

PHYSICAL EDUCATION

Year 11 Physical Education

Entry Requirements: Nil

Course description:

This course offers the opportunity to experience and participate in a wide range of physical activities and in a variety of social contexts. Students are given opportunities to develop their social and movement skills and are encouraged to develop more responsibilities for their future health, recreational and sporting futures.

The Year 11 Physical Education course contributes 19 credits towards the Level 1 National Certificate in Educational Achievement. All assessment is 100% internally assessed with no exams at the end of the year. This is currently under review.

All students attempt NCEA units in terms 1, 2 and 3. In term 3 students will choose either 90067 (Hauora) or 90068 (Anatomy and Physiology). In term 4 students will have the option of gaining an additional 4 credits by undertaking 90070 or participating in recreation. A total of 19 credits being available depending on option choice in term 4.

This course (90068) leads on to level 2 Physical Education and provides a sound foundation for those wishing to undertake PE at level 3.

Qualifications

Achievement Standards Offered

Title of Achievement Standards	Credit Value
*90067 Participate in physical activity and describe how this influences hauora	5
*90068 Demonstrate knowledge of body structure and function related to performance of physical activity	5
*90070 Explore how the body is portrayed in physical activity	4
#90071 Demonstrate interpersonal skills and describe their effects on the functioning of a group	4
#90524 Demonstrate quality movement in the performance of physical activity	3
#90525 examine the quality of movement in performance of a physical activity	3

Year 12 Physical Education

Entry Requirements: Nil

Course description:

Level 2 PE is a combination course which covers both Physical Education and Outdoor Education modules. The course will consist of a scientific approach to physical activity, leadership and coaching experience as well as a variety of Outdoor Pursuit based learning. Any student interested in doing Level 3 PE should consider this course.

This course would be suitable for any students hoping to work in the Sport and Recreation industry.

All Level 2 first aid units are offered.

All units are internally assessed.

Qualifications: This course will consist of a mixture of Unit Standards and Achievement Standards. 26 credits will be made available.

Title of Achievement and Unit Standards	Credit Value
90433 Describe how functional anatomy and biomechanical principles relate to performing physical activity	4
90438 Plan, apply and review leadership strategies in a group or team physical activity	3
*US477: Demonstrate kayaking skills in sheltered or slow moving water	3
US476: Roll a kayak in sheltered water	2
US444 Rock Climbing Demonstrate basic rock climbing movement	1
US20157 Rock Climbing Demonstrate the use of basic rope systems for top rope rock climbing and abseiling	3
US425 Tramping: Experience day tramps	3
US431 Outdoor Navigation Navigate in good visibility on land	3
US20121 Demonstrate kayaking skills on Grade 2 whitewater	4

Year 12 & 13 Physical Education

Entry Requirements: Year 12 students are advised to discuss this option with the HOD of PE.

Course description:

NCEA Level 3, offering 18-24 credits. 100% internally assessed.

There is a 3 day sea kayaking field trip for the outdoor education module.

This course makes a holistic study of physical activity, particularly in relation to the concept of hauora - life long well-being.

Students should consider this course if they are contemplating tertiary study in health sciences, physical education or recreation, or if they have an interest in coaching sport or furthering their own understanding of physical activity and the human body.

Title of Achievement Standards Level 3 – all internally assessed	Credit Value
90739 Plan a physical activity programme or experience based on personal definition of hauora	3
90740 Review a physical activity programme or experience that relates to a personal definition of hauora	2
90741 Appraise performance, plan and evaluate a programme for performance improvement, for self or others	6
90742 Demonstrate performance in a chosen physical activity against developed performance standards	5
90743 Examine a current physical event or trend or issue impacting on New Zealand society (Scholarship students only)	3
90744 Critically examine physical activity and take action to influence the participation of others	5

OUTDOOR EDUCATION

Year 12 & 13

Entry Requirements: Nil

Course description:

This course covers practical outdoor skills and the theory required to be knowledgeable and safe in outdoor recreational activities. All units are internally assessed. A First Aid Course is run by external providers and covers Unit Standards: 6400, 6401, 6402, consisting of 5 credits. These are in addition to the 26 credits that they can achieve through the rest of the course.

Qualifications: Level 1, 2 and 3 standards are offered.

<i>Title of Unit Standards</i>	<i>Level</i>	<i>Credit Value</i>
US6400 Manage First Aid in emergency situations	3	2
US6401 Provide First Aid	1	2
US6402 Provide resuscitation level 2	1	1
US425 Tramping: Experience day tramps	2	3
US427 Tramping: Cross Rivers	3	2
US448 Complete a caving trip	1	1
US431 Outdoor Navigation Navigate in good visibility on land	2	3
US444 Rock Climbing Demonstrate basic rock climbing movement	2	1
US20157 Rock Climbing Demonstrate the use of basic rope systems for top rope rock climbing and abseiling	2	3
US13351: Adventure based learning. Demonstrate personal and social development through participation in adventure based learning	2	3
US476: Roll a kayak in sheltered water	2	2
US477: Demonstrate kayaking skills in sheltered or slow moving water	2	3
US20121 Demonstrate kayaking skills on Grade 2 whitewater	2	4
AS 90439 Risk Management and safety issues	2	2

SCIENCES

Year 11 / Level 1 Science

Entry Requirements: Nil

Course description: Students will be able to make choices about their individual science course. A range of achievement standards and unit standards will be made available.

The Achievement standards form a good introduction to the further study of biology, chemistry of physics at levels 2 and 3.

Unit standards are primarily designed for those students not intending to study sciences at year 12 and 13.

Topics Offered:

Most topics use individual science workbooks containing essential information. They are required for the course.

Cost: \$30 for workbooks

<i>Title of Achievement & Unit Standards</i>	<i>Int/Ext</i>	<i>Credit Value</i>
Sci 1.1 Carry out a practical investigation with direction	Int	4
Sci 1.3 Describe aspects of Biology	Ext	5
Sci 1.4 Describe aspects of chemistry	Ext	5
Sci 1.6 Describe aspects of physics	Ext	5
Chem 1.7 Describe reactions and Properties of carbon and compounds	Ext	3
Bio 1.5 Describe the effect of an introduced plant or animal on a native species and a method of management of the introduced species	Int	2
AS 1.2 Process information to describe a use of science knowledge with direction	Int	2
AS 1.4 Describe how humans respond to pathogens	Ext	2
US 8937 Describe the nature and use of organic fuels	Int	3
US 8935 Investigate properties and reactions of metals	Int	3
US 6370 Describe and construct simple electrical systems	Int	3
US 18975 Demonstrate knowledge of science in sport	Int	2

Year 12 Chemistry

Entry Requirements: Year 11 Science preferred.

Course description: There are four areas of chemistry considered. These are divided into a total of 10 topics:

- Qualitative and Quantitative Chemistry - How we test for unknown chemicals and work out their amounts
- The periodic table
- Atomic structure
- Redox chemistry
- Solutions
- Acids and bases
- Heat changes and reaction rates
- Equilibrium
- Organic chemistry

Cost: \$30 For Chemistry workbook

Qualifications: Achievement Standards Offered

<i>Title of Achievement Standards</i>	<i>Internal/External</i>	<i>Credit Value</i>
2.1 Carry our qualitative analysis	Internal	3
2.2 Carry out an acid-base volumetric analysis	Internal	3
2.3 Solve simple quantitative chemical problems	Internal	2
2.4 Describe the nature of structure and bonding in different substances	External	4
2.5 Describe structural formulae and reactions of compounds containing selected organic functional groups	External	4
2.6 Describe the thermochemical and equilibrium principles	External	5
2.7 Describe oxidation-reduction reactions	External	3

Year 13 Chemistry

Entry Requirements: Year 12 Chemistry

Course description: A more in depth study of topics covered in Year 12. The course looks at:

- Oxidising and reducing agents
- How to decide whether reactions take place, or not
- Organic chemistry
- Atomic structure, trends in the periodic table of ionisation, energy, ionic and atomic radii, electronegativity, covalent bonding, transition metals
- Systems in equilibrium strong and weak acids, acid strength, pH curves, buffers, solubility of salts
- Energy changes in chemical reactions, van der Waal forces, hydrogen bonding.

Cost: \$30 For Chemistry workbook

Qualifications: Level 3 Achievement Standards

<i>Title of Achievement Standards</i>	<i>Internal/External</i>	<i>Credit Value</i>
3.1 Extended investigation	Internal	4
3.2 Redox titration	Internal	2
3.3 Describe oxidation-reduction processes	External	3
3.4 Describe properties of particles and thermochemical principles	External	5
3.5 Organic Chemistry	External	5
3.7 Equilibrium systems acid-based reactions	External	5

- The Y12 and Y13 Chemistry courses are designed to be flexible and cater for individual student needs
- From time to time Achievement Standards may be replaced by Unit Standards
- Time constraints occasionally mean that the content of an individual course may be reduced

SCIENCES (continued)

Year 12 Biology

Entry Requirements: Year 11 Science preferred

Course description:

Populations and Communities

A study of the relationships between groups of plants and animals, and the way in which they are influenced by environmental factors

Human impact on ecosystems.

An analysis of the information available on the impact of human activities on the living world.

Cell processes, inheritance and evolution

An examination of the scientific evidence for evolution and the way in which genetic variation and natural selection cause species to emerge.

Animal Form and Function

Understanding diversity in animals through investigation of their structure and function.

Plant Form and Function

Investigations into photosynthesis, transport, coordination and reproduction in plants

Qualifications: Achievement Standards Offered:

<i>Title of Achievement Standards</i>	Internal/ External	Credit Value
2.1 Carry out a biological investigation with supervision	Internal	3
2.3 Describe concepts and processes that can lead to genetic variation and change	External	3
2.4 Investigate an interrelationship or pattern in a population or community	Internal	3
2.5 Describe concepts and processes relating to ecology	External	2
2.6 Describe diversity in the structure and function of animals	External	3
2.7 Describe diversity in the structure and function of animals	External	3
2.8 Describe cell structure and function	External	3
2.9 Describe the impact of human activities on an ecosystem	Internal	2

Year 13 Biology

Entry requirements: None (although students who have studied Biology in year 12 will find this an advantage in some parts of the course).

Course description: Students will study

- Molecular Genetics, Mendelian Genetics, Population Genetics and Evolution, including Human Evolution.
- Animal behaviour and plant responses to the environment
- Modern Techniques in Molecular Biotechnology

<i>Title of Achievement Standards</i>	Internal/ External	Credit Value
3.1 Carry out an investigation into an aspect of the ecological niche of an organism with guidance	Internal	5
3.2 Research a contemporary biological issue	Internal	3
3.3 Describe gene expression	External	4
3.4 Describe animal behaviour and plant responses in relation to environmental factors	External	4
3.5 Describe patterns of evolution	External	2
3.6 Describe applications of biotechnological techniques to meet human needs and demand	Internal	3
3.7 Describe trends in human biological and cultural evolution	External	3

SCIENCES (continued)

Year 12 Physics

Entry requirements: Year 11 Physics Achievement Standards and good Mathematical ability.

Course Description: The world is short of people with good physics qualifications so the opportunities and rewards are many. If you have an interest in engineering of any type, or just enjoy studying any of the topics below then you will benefit from this course. Topics covered are:

Mechanics – mainly deals with forces and movement. For example: the best angle for a record breaking javelin throw, what happens to momentum when vehicles collide?

Waves – explaining the behaviour of sound, water, and light waves. For example: Why does mobile phone reception vary from place to place, why do we hear the bass boom from passing cars but not the high frequencies, how do rainbows form?

Electricity and electromagnetism – investigating static, DC and AC electricity. For example: What happens inside the ‘tube’ of a television, how do loudspeakers and electric motors work?

Atoms and radioactivity – understanding atoms and what happens when they become unstable. For example: How does a smoke alarm work, radioactivity in health and harm.

Cost: \$25 (for a manual to be included in stationery requirements).

Qualifications: Up to 24 Achievement Standard credits towards level 2

<i>Title of Achievement Standards</i>	<i>Internal External</i>	<i>Credit Value</i>
2.1 Take measurements of physical quantities and analyse data graphically to determine a relationship	Internal	4
2.3 Demonstrate an understanding of waves	External	4
2.4 Demonstrate an understanding of mechanics	External	6
2.5 Demonstrate an understanding of atoms and radioactivity	External	2
2.6 Demonstrate an understanding of electricity and electromagnetism	External	5
2.7 Demonstrate an understanding of Physics in an integrated context	Internal	3

Year 13 Physics

Entry requirements: 12 credits from level 2 Physics

Course Description: The world is short of people with good physics qualifications so the opportunities and rewards are many. This level 3 course naturally builds on the learning experiences from level 2, extending breadth and depth in the topics encountered. Topics covered are:

Mechanics – mainly deals with forces and movement. For example: the best angle for a record breaking javelin throw, what happens to momentum when vehicles collide?

Waves – explaining the behaviour of sound, water, and light waves. For example: Why does mobile phone reception vary from place to place, why do we hear the bass boom from passing cars but not the high frequencies, how do rainbows form?

Electricity and electromagnetism – investigating static, DC and AC electricity. For example: What happens when a radio is tuned, how do loudspeaker systems and electric generators work?

Atoms and radioactivity – understanding atoms and what happens when they become unstable, nuclear power generation and photoelectric cells. For example: How do we know what elements are present in the sun and stars, and the energy debate.

Cost: \$25 (for a manual to be included in stationery requirements).

Qualifications: Up to 24 Achievement Standard credits towards level 3.

<i>Level 3 Achievement Standards</i>	<i>Internal External</i>	<i>Credit Value</i>
P3.1 Carry out a practical physics investigation with guidance, that leads to a mathematical relationship	Internal	5
P3.3 Demonstrate understanding of wave systems	External	4
P3.4 Demonstrate understanding of mechanical systems	External	6
P3.5 Demonstrate understanding of atoms, photons and nuclei	External	3
P3.6 Demonstrate understanding of electrical systems	External	6

SOCIAL SCIENCES

Year 11 Social Sciences

Combined course in Geography and History

Entry Requirements: Nil

Course description: This course will offer a maximum total of 29 level 1 credits in both Geography and History.

Qualifications

Achievement Standards offered
History

Title of Achievement Standards	Internal/External	Credit Value
1.2 Communicate historical ideas	Internal	4
1.3 Interpret historical sources (Level 1)	External	4
1.4 Describe the perspectives of people in an historical setting (level 1)	External	4
1.5 Describe the impact of a development in an historical setting (level 1)	External	4

1.1 Students will already have had an opportunity to carry out an historical investigation in Year 10		4
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Geography

Title of Achievement Standards	Internal/External	Credit Value
1.1 Examine extreme natural events and their human response (tropical cyclones/hurricanes)	External	3
1.4 Apply skills and ideas with direction in a geographic context. (Maps, photos, graphs etc)	External	4
1.6 Examine a contemporary geographical issue. Relates to issues involving people and the environment.	Internal	3
1.7 Examine a global study. Relates to issues occurring all over the world.	Internal	3

Year 12 Geography

Entry Requirements: 16 Credits at Level 1 Geography or Social Science. Other cases may be considered in consultation with the HOD Social Sciences

Course description: This course incorporates both Physical and Human geography. Within each topic there is an emphasis on patterns, processes and skills. This course examines topics on both a local and global scale, looking at both historic and contemporary ideas and information.

Cost: Field trip \$20 approx

EXTERNAL

Topics:

Natural landscapes 2.1

- We examine glaciation in the Cobb Valley as well as Tropical rain forest in Brazil

Urban Settlements 2.2

- Here we look at Nelson and Bangkok, examining both their form, functions and processes in terms of an urban settlement

Qualifications:

Level 2 Achievement Standards Offered (21 credits)

Title of Achievement Standards	Internal/External	Credit Value
2.1 Explain a natural landscape.	External	3
2.2 Explain urban settlement	External	3
2.4 Apply skills and ideas, in a geographical context	External	4
2.5 Conduct guided geographic research	Internal	5
2.6 Examine a contemporary geographical issue. Relates to issues involving people and the environment.	Internal	3
2.7 Explain a global study. An investigation into impacts of HIV/Aids around the world.	Internal	3

Year 13 Geography

Entry Requirements: 16 Credits at Level 2 Geography or History. Other cases may be considered in consultation with the HOD Social Sciences

Course description: This course incorporates both human and physical Geography. Each topic is based around the key ideas of patterns, processes and interactions, as well as building up essential skills. This course has a local focus, examining issues and processes within our environment. Global settings are also explored.

Cost: Travel costs for major field trip, approximately \$140

Qualifications:

Level 3 Achievement Standards Offered (24 credits)

EXTERNAL

Topics:

Natural Processes 3.1

This is focussed around the operation of coastal processes and phenomena within Golden Bay.

Cultural Processes

Here we look at the operation of Tourism Development and how it impacts and operates within the setting of Hanmer Springs.

Title of Achievement Standards	Internal/External	Credit Value
3.1 Analyse a geographic environment, focusing on the interacting natural processes	External	4
Analyse a cultural process (Unit Standard)	Internal	4
3.3 Analyse the role of geography in planning and decision making	Internal	3
3.4 Select and apply skills and ideas in a geographic context	External	4
3.5 Carry out geographic research with consultation	Internal	3
3.6 Analyse a contemporary geographic issue and evaluate courses of action	Internal	3
3.7 Analyse a global geographic topic	Internal	3

SOCIAL SCIENCES (continued)

Year 11 History Level 1

See Combined course in Geography and History on previous page.

Year 12 History Level 2

Entry Requirements: 16 Credits at Level 1 Social Science or Geography. Other cases may be considered in consultation with the HOD Social Sciences

Course description: Modern history with topic studies in Europe, America and Asia to illustrate the following historical themes:

- Government and Political Change
- Nationalism, International Relations and the Search for Security
- Imperialism, Indigenous Peoples and the Emergence of New Nations

Two topics from the following will be covered:

- The American Revolution 1774-1791
- The Weimar Republic and the Nazi State
- Origins of World War One
- Vietnam and the Conflict in Indo-China
- The Russian Revolution 1917-22

Students also conduct a research project for achievement standards 2.1 and 2.2.

Qualifications:

Achievement Standards offered

<i>Title of Achievement Standards</i>	<i>Internal/ External</i>	<i>Credit Value</i>
2.1 Plan and carry out an historical inquiry	Internal	4
2.2 Communicate an understanding of historical ideas	Internal	4
2.3 Examine evidence in historical sources	External	4
2.4 Examine and demonstrate empathy for the perspectives of people in an historical setting	Internal	4
2.5 Examine a force or movement that influenced people's lives in an historical setting, in an essay	External	4
2.6 Examine an individual or group identity in an historical setting in an essay	External	4

Year 13 History Level 3

Entry Requirements: 16 Credits at Level 2 History or Geography. Other cases may be considered in consultation with the HOD Social Sciences

Course description: 19th Century New Zealand History.

- Maori/Pakeha Relations
How did relations between Maori and Pakeha develop and change in the 19th century?
- Economic and Political Change
What were the main economic and political changes, and what was the relationship between political and economic development?
- Society and attitudes
What changes were there in patterns of population, settlement and social organisation?

Qualifications:

Achievement Standards offered

<i>Title of Achievement Standards</i>	<i>Internal/ External</i>	<i>Credit Value</i>
3.1 Plan and carry out independent historical research	Internal	4
3.2 Communicate historical ideas and understandings	Internal	4
3.3 Analyse and evaluate evidence in historical sources	External	4
3.4 Examine a significant decision made by people in history, in an essay	External	4
3.5 Examine a significant issue in the context of change, in an essay	External	4
US 5140: Analyse the Treaty of Waitangi	Internal	6

TECHNOLOGY

National Certificate in Mechanical Engineering Technology - Level 1

Entry Requirements: Nil

Course Description: This is an introductory qualification for people interested in mechanical engineering and automotive technology, and has been developed primarily for use in secondary schools to attract students to careers in mechanical or related trades or professions. Achievement of the qualification is an excellent preparation for Gateway programmes and engineering apprenticeships and will demonstrate to prospective employers that the candidate has the right skills to commence employment in their industry.

The qualification is also intended to provide students with a well balanced, practically orientated course that develops lifelong skills, stimulating self-esteem, confidence and a pride in paying attention to detail.

The qualification has a compulsory and elective component. The compulsory section incorporates the following basic skills and knowledge:

- Basic workshop safety
- Basic engineering workshop techniques including cutting, marking out, measuring, joining, assembly and finishing
- Use of basic tools and machinery
- Investigation, design and building of a simple product

Cost: There may be some material costs depending on the students' choice of project.

Qualifications: Mechanical Engineering Unit Standards Offered

<i>Title of Unit Standards</i>	<i>Credit Value</i>
US 22923: Demonstrate basic engineering skills under close supervision	12
US 22924: Develop a simple product using engineering materials	10
US 22926: Demonstrate knowledge of safety procedures in a specific engineering workshop	2

Other unit standards are required to complete the Mechanical Engineering Level 2 National Certificate.

National Certificate in Motor Industry Foundation Skills - Levels 1 & 2

This is a course that will run during the year alongside the Mechanical Engineering programme. It is at the entry level of the National Certificate. The course will be delivered by a visiting specialist tutor from NMIT. It is funded through the STAR programme. It will focus on Hand Tool skills, Vehicle component theory, and Mechanical knowledge.

Students will disassemble and reassemble a petrol car engine and be involved in maintaining the production saloon car.

Unit standards offered to an approximate value of 10 credits will be advised at the beginning of the year 2010.

National Certificate in Mechanical Engineering Technology - Level 2

Entry Requirements: Level 1

Course description: This qualification is for people interested in mechanical engineering and automotive technology, and has been designed to attract students to careers in mechanical or related trades or professions. This qualification is excellent preparation for Gateway programmes and engineering apprenticeships and will demonstrate to prospective employers that the candidate has the right skills to commence employment in their industry. It is also intended to provide students with a well balanced, practically orientated course that develops lifelong skills, stimulating self-esteem, confidence and a pride in paying attention to detail.

The qualification has a compulsory and elective component. The compulsory section incorporates the following basic skills and knowledge:

- workshop safety procedures; on site and at school
- Basic engineering workshop techniques including cutting, marking out, measuring, joining, assembly and finishing
- Use of basic tools and machinery
- Investigation, design and building of engineering products.

Cost: There may be some material costs depending on the students' choice of project.

Qualifications: Mechanical Engineering Unit Standards Offered - 30 credits

<i>Title of Unit Standards</i>
US 2430: Draw and interpret sketches
US 2432: Construct engineering plane geometric shapes
US 20917: Demonstrate basic knowledge of engineering materials
US 21905: Demonstrate knowledge of trade calculations and units for mechanical engineering trades
US 21908: Demonstrate knowledge of basic mechanical engineering trades
US 2395: Select, use and care for engineering hand tools
US 4433: Select, use and care for simple measuring devices used in engineering
US 4435: Select, use and care for engineering dimensional measuring equipment
US 4436: Select, use and care for engineering marking-out equipment
US 21911: Demonstrate knowledge of safety on engineering sites (Gateway)

Other unit standards are required to complete the Mechanical Engineering Level 2 National Certificate.

TECHNOLOGY (continued)

National Certificate in Building, Construction and Allied Trade Skills Level 1 & 2

BCATS (Building and Constructive Allied Trades Initiative) is an initiative of a group of constructive related industry Training Organisations known as BETA – Built Environment Training Alliance.

Stage 1 (open entry)

This is a course that is at the entry level. It will focus on Hand Tool skills, Drawing plans, and Material knowledge. Students will construct a common project that will lead to assessment opportunities in the following Standards

Cost: There may be some material costs depending on the students' choice of personal project.

Stage 1	Credit Value
24352 Demonstrate knowledge of and apply safe working practices in the construction of BCATS projects	2
24355 Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	4
24356 Apply Elementary workshop procedures and processes for BCATS projects	8
7499 Use freehand sketching for graphic communication	4
7502 Produce Instrumental orthographic drawing	4
18918 Apply woodworking techniques to construct a basic car-case in furniture making	6

Stage 2 (students must have completed Stage 1)

This is a course that is at the second stage of entry level towards an apprenticeship. For 2010 you will have to have successfully completed either BCATS Level One or Tools 4 Work Level 1 to enter into this course. It would also be very beneficial to be involved in a Gateway Programme. The course will focus on Power Tool and Hand Tool skills- their use and maintenance, Communication- Drawing plans and receiving instructions, and Material knowledge - timber, concrete and associated construction materials.

Students may construct a large common project that will be entered into the National BCITO Build-Ability Challenge. Study will lead to assessment opportunities in the following Standards at Level 2 of the NZQF.

Cost: There may be some material costs depending on the students' choice of personal project.

Stage 2	Credit Value
24354 Demonstrate knowledge of and apply safe working practices in a BCATS work place	4
24357 Receive instructions and communicate information in relation to BCATS projects	4
24358 Plan and monitor the construction of a BCATS project, and quality check the project	2
12927 Identify, select, maintain and use hand tools used for BCATS projects	6
24350 Identify, select, maintain and use portable power tools for BCATS projects	6
12932 Construct timber garden furniture and items of basic construction equipment as a BCATS project	8
12933 Complete minor concrete works as a BCATS project	4
12936 Construct a non-consent timber framed utility building as a BCATS project	8
12938 Lay paving blocks as a BCATS project	4
22607 Read and interpret plans, working drawings and specifications for BCATS projects	3
24353 Demonstrate Knowledge of and create sketches and drawings for BCATS projects	6

Stage 3 (students must have completed Stage 2)

This is a course that continues from Stage 2 and is at the entry level towards an apprenticeship. For 2010 you will have to have successfully completed either BCATS Stage 2 or TOOLS4work Level 2 to enter into this course. It will be very beneficial to be involved in a BCITO Gateway Programme. During Stage 3, students may construct a large common project that could be entered into the National BCITO Build-Ability challenge.

Cost: Dependent on student's choice of personal project

Stage 3	Credit Value
24358 Plan and monitor the construction of a BCATS project, and quality check the project	2
24353 Demonstrate Knowledge of and create sketches and drawings for BCATS projects	6
22607 Read and interpret plans, working drawings and specifications for BCATS projects	3
12933 Complete minor concrete works as a BCATS project	4
12936 Construct a non-consent timber framed utility building as a BCATS project	8
12938 Lay paving blocks as a BCATS project	4

TRANSITION

Year 11

Entry Requirements: Nil

Course description: Transition is a general course for all students. It promotes personal growth, confidence, communication skills and job prospects. Topics covered give the confidence and skills required to make a successful transition from Takaka / school to tertiary training or work.

Cost: Stationery only (this will include a clearfile for CV).

Qualifications: The course is based on Unit Standards. These give students credits towards National Certificates (apprenticeships) as well as NCEA.

Title of Unit Standard	Level	Credit Value
10781: Produce a plan for own future directions	2	3
4249: Demonstrate care and timeliness as an employee	1	3
504: Produce a CV	1	2
3462: Understanding traffic law for the purpose of safe driving	2	3
8549: Roles and expectations of a District Court	1	2
12350: Knowledge of responding to law enforcement	1	2
56: Attend to customer enquiries	1	2
64: Perform calculations for the workplace	1	2

TRADES

Year 12/13

Entry Requirements: Nil

Course Description: This course offers a selection of level 2 and 3 Unit Standards that will enhance employment opportunities for senior students.

These Unit Standards have been carefully chosen and are all highly-regarded by employers or give students a good understanding of health, social and legal issues.

Many units provide credits towards National Certificates eg Retail, Automotive, Agriculture, Building and Construction, Hairdressing, Engineering etc. This means that students are beginning an apprenticeship in Year 12.

For this reason most Gateway students are encouraged to enrol in the Trades programme.

All credits earned will also count towards NCEA

Trades students will be encouraged to participate in relevant STAR courses. See page 26. They may also offer credits.

Cost: Work Place 1st Aid Course \$10.00

Qualifications: This course is based on Unit Standards

Title of Unit Standards	Lvl	Cr
Even Years		
497: Protect health and safety in the workplace	1	3
57: Obtain job search skills	2	3
12354: Implications of independent living	2	4
12355: Demonstrate knowledge of stress and ways of dealing with it	2	2
1980: Identify, from an employee perspective, ways of dealing with employment relationship problems.	3	2
376: Employ customer service techniques for differing customer behaviours in a given situation	3	2
378: Provide customer service for international visitors.	3	3
4251: Manage own career development	3	2
Odd Years		
497: Protect health and safety in the workplace	1	3
57: Provide customer service	2	2
14263: Explore issues related to alcohol and driving	2	2
3472: The Consequences & Causes of Road Crashes	2	1
1299: Be assertive in a range of situations	2	4
11815: Answer customer enquiries by telephone	3	4
11816: Answer customer enquiries by mail, fax, email	3	4

GATEWAY

Year 11/12/13

Entry Requirements: A written application and interview are required. The number of placements are limited and preference will be given to Year 12 and 13 students.

Course Description: This programme integrates school and workplace learning and is for any student who has established a probable career path and is "work ready."

Students are expected to gain 10 credits (Unit Standards or equivalent) in the workplace. They will be assessed by Industry Training Assessors. These credits will also count towards their NCEA, along with their other subjects.

The Gateway Coordinator in the school will work with individual students to develop a study plan and will oversee/monitor all other aspects of their courses. Gateway requires coordination between the student, the school, the employer, an Industry Training Organisation and an accredited assessor.

A Gateway student will:

- Go to a place of work (or training) for part, or all, of one day each week (minimum 2.5 hours)
- Attend the TRADES course or Transition, if appropriate, in order to achieve essential industry Unit Standards e.g. Health and Safety Act.
- Attend a balance of lessons in the curriculum
- Begin tertiary training
- Form a working relationship with an employer
- Hopefully move on to employment, an apprenticeship or other training at the end of the course.

In previous years students have gained Gateway experience and qualifications in: automotive, engineering, fishing, retail, hospitality/cookery/baking, performing arts, early childhood education, road transport/contracting, jewellery, equine, farming, department of conservation, building, electrical, plumbing, hairdressing, nursing, joinery, computer technology, museum archives and broadcasting. Other industries are available.

Note: This can be a timetabled subject, but is generally taken as an extra interest. It is a special programme for students who have a plan for the future. It also gives students who work casually and have skills in industry (milking, retail, automotive) the opportunity to have these skills recognised and rewarded. Casual work is often a good basis for a successful Gateway year.

SPEC

(South Pacific Educational Courses)

Year 11 and 12 Certificate in Learning Support and Certificate in Mainstream Studies.

Course Description: The programme aims to develop students in the key competencies i.e. to develop the ability to think, to relate to others, to use language, to manage self and participate and contribute. It is modular based, cross-curricular and very much student centred. Students set their own goals, with guidance, and work at their own pace towards the certificates. The programme is offered to students who may struggle to achieve credits towards NCEA in more conventional subjects. It does not prevent students from taking other subjects that they may have a particular strength or interest in.

Qualifications: The course is supported by a range of unit standards which will provide credits towards NCEA Levels 1 and 2 and will complement the Transition and Trades courses. The exact unit standards on offer were yet to be determined at the time of publishing this booklet. All unit standards will be internally assessed.

Cost of Workbooks: \$22 per workbook at each level

STAR COURSES

Years 10-13

These courses are made possible by STAR funding (Secondary/Tertiary Aligned Resourcing). It is based on the number of senior students enrolled at school. Its intention is to enable us to facilitate our students' smooth transition from schooling to further education and training. The objectives of a STAR Course are to:

- Facilitate a student's transition to the workplace.
- Provide or purchase tertiary courses that will better suit the needs of students, that will motivate them and facilitate their transition to further education, training or employment;
- Support students to explore pathways and make informed decisions about their schooling and future work and study.

Some industry based courses offered in our school curriculum are supported by STAR funding. However STAR funding also opens up special opportunities outside our school:

STAR Courses at NMIT

These are extremely valuable for our rural students.

Nelson Marlborough Institute of Technology offers many shorts courses of 1-4 days in length, to year 11 to 13 students. We have approximately 150 students attend these courses each year. Such courses offer new skills and an introduction to a tertiary campus outside our valley. Details of the courses offered are published and circulated each March. We really appreciate the support of parents in respect to transport to Nelson for these courses.

Costs: No charge for courses, though transport (and possibly accommodation) is the responsibility of the student and their parents. A subsidy is available to help offset transport costs.

STAR Courses at other venues:

Courses meeting the above criteria are advertised regularly. Some courses offered regularly include:

- Photoshop at Natcoll (Design College in Christchurch)
- First Aid courses
- Table Service at The Brigand (Y11)
- Cookery Skills at The Brigand (Y12)
- Automotive at GBHS, 40 hour course with NMIT Tutor, Pete Kristofski.
- Tourism and travel (on-line)

Students are strongly urged to take advantage of these opportunities. All courses are well advertised.

WORK EXPLORATION

Year 12

To assist in career decision-making, Golden Bay High School offers one week of work exploration for all year 12 students in term 3.

Placements will be relevant to careers goals and so students travel widely for Work Exploration. We are happy to consider any location that best suits the needs of a student.

Christchurch

For students planning a course and for those wanting to look at Canterbury University, Lincoln University, CPIT, Early Childhood Education training centres, Halls of Residence and Art and Design Colleges. Much of the week involves visits to tertiary institutions based on student requests. They also visit work places and meet people working in areas of interest. Accommodation is the student's responsibility.

Costs: Travel Approximately \$80;

Nelson

For students considering a trade, or a job in Nelson, or a course at NMIT. Relevant work exploration is organised and there is an opportunity to become a "student for the day" at NMIT.

Takaka

Students are encouraged to leave Takaka for Work Exploration, but in some cases a local placement is of greatest value.

Gateway Students

Will be encouraged to enjoy a full week with their usual Gateway employer

STAR Course: Hospitality at the Brigand

For those interested in hospitality, a week of training can be more beneficial than work experience. Some students train to improve opportunities in casual work while studying at tertiary level. Numbers dependent.

CORRESPONDENCE SUBJECTS

All correspondence courses require exceptional motivation and independent study skills. The courses are completed by students working on sets. Each set should be completed within ten school days. Students are given four hours per week at school to work on their correspondence, and will need to do at least two hours per week of homework. Students will be withdrawn from their correspondence if they do not hand in work punctually. All the subjects normally available at GBHS are also available on correspondence if the course cannot run because there are insufficient students to run the course.

Year 11 Full Year Courses:

Accounting:

- No entry requirements for this course
- Assessed by internal and external achievement standards

Agriculture

- No entry requirements for this course
- Assessed by internal and external achievement standards

Design Technology for Fashion

- No entry requirements for this course
- Assessed by internal and external achievement standards

French

- Year 9&10 French required
- Assessed by internal and external achievement standards

German

- Year 9&10 German required
- Assessed by internal and external achievement standards

Graphics

- Year 10 Graphics required
- Assessed by external achievement standards and Unit Standards

Japanese

- Year 9&10 Japanese required
- Assessed by internal and external achievement standards

Latin

- Year 9&10 Latin required
- Assessed by internal and external achievement standards

Maori

- Year 9&10 Maori required
- Assessed by internal and external achievement standards

Music Performance

- Must be learning a musical instrument or having voice lessons, and should have reached grade 4 in music theory.
- Assessed by internal and external achievement standards

Music Theory and Aural Perception

- This course is designed to prepare students to theory grade 4.

Spanish

- No entry requirements for this course
- Assessed by internal and external achievement standards
-

Year 12 Year 12 students may study correspondence courses from years 9 to 12 if they wish.

Accounting:

(Year 11 Accounting recommended)

- Assessed by internal and external achievement standards

Agriculture & Horticulture

(Year 11 Agriculture required)

- Assessed by internal and external achievement standards

Art History

- Assessed by unit standards

Classical Studies

- Assessed by unit standards

Fashion and Design

- Assessed by unit standards

Legal Studies

- Assessed by unit standards

Sociology

- Assessed by unit standards

French

- Year 11 French required
- Assessed by internal and external achievement standards

German

- Year 11 German required
- Assessed by internal and external achievement standards

Graphics

- Year 11 Graphics required
- Assessed by external achievement standards and Unit Standards

Japanese

- Year 11 Japanese required
- Assessed by internal and external achievement standards

Latin

- Year 11 Latin required
- Assessed by internal and external achievement standards

Maori

- Year 11 Maori required
- Assessed by internal and external achievement standards

Music

- Students must be learning a musical instrument or having voice lessons, and have reached grade 4 in music theory.
- Assessed by internal and external achievement standards

Spanish

- Year 11 Spanish required
- Assessed by internal and external achievement standards

Year 13 Year 13 students may study correspondence courses from years 9 to 12 if they wish.

Full Year Courses:

Accounting:

- Y12 Accounting required
- Assessed by internal and external achievement standards

Agriculture & Horticulture

- Y12 Agriculture/Horticulture required
- Assessed by internal and external achievement standards

Art History

- No entry requirements for this course
- Assessed by internal and external achievement standards

Classical Studies

- No entry requirements for this course
- Assessed by internal and external achievement standards

French

- Year 12 French required
- Assessed by internal and external achievement standards

German

- Year 12 German required
- Assessed by internal and external achievement standards

Graphics

- Year 12 Graphics required
- Assessed by external achievement standards and Unit Standards

Maori

- Year 12 Maori required
- Assessed by internal and external achievement standards

Music Performance

- Students must be learning a musical instrument or having voice lessons, and have reached grade 4 in music theory.
- Assessed by internal and external achievement standards

Spanish

- Year 12 Spanish required
- Assessed by internal and external achievement standards

RESOURCES

Library

The library is available for research and study and is open from 9am to 3.15pm every day, except on Fridays when the library is closed for morning interval. Senior students wanting to work in the library when there is a timetabled class in there should be courteous and check with the class teacher.

Common Room

The Senior Common Room is used as a base for the Year 13 students. Students can study here in their free periods, and it also has facilities for lunch making etc. *Along with this of course, is the responsibility for keeping the place clean and tidy.* Form times and Deans meetings are also held here during the school day, and the Board of Trustees and the Home and School Association use the room for making a cup of tea after meetings.

Computers

A timetable showing rooms vacant at any period will be issued to year 13. Computers in those rooms may be available for student use during study periods. Students should check with the teacher first.

PEER TUTORING

Peer Tutoring offers our Year 12 and 13 students valuable opportunities to work with other students who require additional assistance and support in a variety of subject areas.

For peer tutoring programmes to be successful we require students who have a genuine interest in other people, a willingness to follow through their commitments and an ability to work with minimal supervision.

In preparation for 2009, the Literacy Department will have available a number of peer tutoring positions in the following areas:

- General classroom tuition (in a variety of subject areas)
- One to one tutors in literacy skills (in Green House)
- Physical Education

You may opt to work in more than one of the above areas.

Early in Term 1, prospective peer tutors will be matched up with individuals or classes, and work contracts will be drawn up.

An introductory training course will be offered by the Literacy Department. This will be followed up by regular support meetings throughout the year.

A certificate recognising your contribution as a peer tutor will be presented on completion of your contract and a written reference will also be available if required.

NB: Peer tutoring may be done instead of a 6th subject at year 12. In this case it would require a commitment to 7 periods over the 10 day timetable.

This will also be the case for Year 13 peer tutors whose timetable is not full.