



# KingsWay School Year 11 Options Booklet

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Please note that this document and the option forms for Years 10 - 13 can also be found on the school website.

It's time to choose  
your options for 2010

Please read the information in this  
booklet carefully before making your selections.

## Sequence of Events

<b>3 September 2009</b> <b>11 September 2009</b> <b>17 September 2009</b>	Option evening and seminar Option selection completed NCEA Information Evening
<b>Early November 2008</b>	Option lines are produced.
<b>January 2010</b>	Results of NZQA qualifications published.
<b>3 February 2010</b>	Year 13 Leadership Camp (3-5 Feb)
<b>8 February 2010</b>	Pre-enrolment for <b>all Year 12.</b> Students are required at school 9am until courses are finalised.  Year 9 and Year 13 students at school for Peer Support Programme.
<b>9 February 2010</b>	Pre-enrolment for <b>all Year 13 students.</b> Students are required at school 9am until courses are finalised.
<b>10 February 2010</b>	Pre-enrolment for <b>all Year 11 students.</b> Students are required at school from 9am until courses are finalised.
<b>11 February 2010</b>	Pre-enrolment for <b>all Year 10 students.</b> Students are required at school from 9am until courses are finalised.
<b>12 February 2010</b>	<b>All classes commence (Year 1-13)</b>

# Course Selection Advice

**Psalm 139:13 – 16 tells us that God has created every person, and that includes you, a unique individual with unique talents and gifts. In Jeremiah 29:11 God tells us He has a plan for our lives.**

Subjects need to be chosen thoughtfully and prayerfully. Talk with your parents, teachers and career advisors about your talents and gifts and your future plans. Before you make your choices, ask yourself whether the subjects you want to take are helping you to do what you have been gifted to do and whether they are fulfilling God's plan for your life. Do not choose a subject because your friends are taking it.

It is important when selecting options to be aware of the subject pathways through to Year 13 and note the pre-requisites for each subject at higher levels. This will help you plan a course for the following year.

**Initial subject choices MUST be made carefully and realistically** as we are reluctant to make changes once the option lines and timetable for 2010 are set. Your final option choices will be confirmed in November and from that point, **no** changes will be accepted unless there is a subject clash, subjects are unavailable, or insufficient students choose a particular a subject.

In Years 11- 13 students at KingsWay School study for the National Certificate of Educational Achievement (NCEA) provided by the New Zealand Qualifications Authority (NZQA).

General enquiries about options and subjects can be made in the first instance to Mrs Dorman, Head of College.

Email: [bev-d@kingsway.school.nz](mailto:bev-d@kingsway.school.nz)

Phone: 09 4270915

The options seminar held on the 3 September (8pm Old Library) will explain the option process, timetabling and how to prepare for options beyond school and an NCEA information evening on the 17 September (7.30pm Old Library) will also provide useful advice and give opportunity for questions and discussion.

# Information Programme Outline

## **YEAR 11**

All Year 11 students will be taking **at least five** subjects. Some students will take **six** subjects. Selection for this group of students will be based on a student's academic performance in Year 10 (a GPA of at least 80%) proven time management ability and a formal application in writing to the Head of College.

Most courses will generate credits towards the NCEA Certificate Level 1.

Students taking **FIVE** subjects will complete a course of study in:

- Biblical Studies, Physical Education, and Study periods.
- English or English with Unit Standards.
- Mathematics or Mathematics with Unit Standards.
- Science or Science with Unit Standards.
- **Two** other subjects from those available.

Students taking **SIX** subjects will complete a course of study in:

- English.
- Mathematics.
- Science.
- **Three** other subjects from those available.

Year 11 courses must be planned carefully as we are reluctant to make subject changes **after 1 November 2009**

## **YEAR 12**

Year 12 students must choose **five** subjects. Biblical Studies (2 periods) and Study (3 periods) make up the sixth option line in the timetable. Some students will take **six** subjects. Selection for this group of students will be based on a student's academic performance in Year 11 (a GPA of 75%), proven study skills, time management ability and a formal application in writing to the Head of College.

Students must select:

- An English course from Year 12 or Year 11.
- **Four** additional subjects.

Year 12 courses must be planned carefully as we are reluctant to make subject changes **after 1 November 2009**

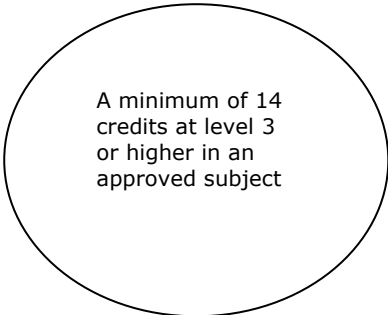
# YEAR 13

Year 13 students must choose five subjects. Biblical Studies (2 periods) and Study (3 periods) make up the sixth option line in the timetable.

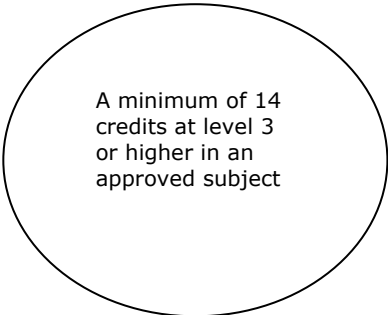
The subjects chosen may be taken at any level, but you must ensure you meet the prerequisites for studying your chosen subjects. It is to a student's advantage to work hard to achieve the best possible results.

## Common University Entrance Standard

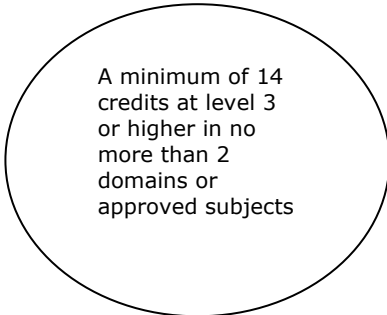
All Universities have a common standard that they require for entrance into any degree program. Students must have at least 14 credits in two level 3 NCEA subjects from the approved list and a further 14 credits that can come from the approved list or elsewhere.



A minimum of 14 credits at level 3 or higher in an approved subject



A minimum of 14 credits at level 3 or higher in an approved subject



A minimum of 14 credits at level 3 or higher in no more than 2 domains or approved subjects

## APPROVED SUBJECT LIST

Accounting	Biology	Chemistry	Computing
Design (practical art)	Dance	Drama	Economics
English	Geography	Graphics	History
Maths – Calculus	Maths – Statistics	Music	Painting (practical art)
Physical Education	Physics	Printmaking (practical art)	Sculpture (practical art)
Technology	Japanese		

### In addition you must have:

At least 4 credits at level 2 English in Writing  
At least 4 credits at level 2 English in Reading  
At least 14 credits at level 1 in Mathematics

Many courses require higher attainment than this for entry and students should check with the universities to determine the entry criteria to a particular course. Students should also keep their options broad by taking at least one Literacy / Social Science and one Commerce / Maths / Science subject in their mix.

Year 13 courses must be planned carefully as we are reluctant to make subject changes **after 1 November 2009**

**NOTE:** Auckland University has additional admission requirements. For information refer to [www.auckland.ac.nz](http://www.auckland.ac.nz) or speak to a Careers Advisor or Mrs Dorman (Head of College).

# National Qualifications

## **National Certificate in Educational Achievement (NCEA)**

To be awarded an NCEA certificate at any level students must gain 80 credits from that level or above. These credits must include meeting the literacy and numeracy requirements.

An endorsed certificate can be issued to learners who have achieved 50 credits at Merit or Excellence at the same level, or higher, on the National Qualifications Framework (NQF).

Students are strongly encouraged to work for quality of credits rather than a quantity of credits in excess of what is required.

Assessments and credits are summarised for each subject in this option booklet. The mix of internal and external assessment is clearly shown and differs from subject to subject.

Achievement standards have criteria for Achieved, Merit and Excellence. Unit Standards may also be offered in a number of subjects and through STAR courses. These do not have a Merit or Excellence category but do generate credits towards NCEA.

Further Information

<http://www.nzqa.govt.nz/ncea/index.html>.

# How to keep your options open

## **Information on subject options required for future careers**

When considering option choices all students who are thinking of going to university should be aware of the Common University Entrance Standard outlined previously under "Year 13". Students should also be aware that this is a minimum standard and that in many situations where there is high demand for places in a course only those students with the best grades will be accepted.

In the current environment, Universities and other training providers tend not to rigidly require students to have completed certain subjects at school in order to gain entrance. However in some cases students may initially find tertiary studies difficult if they have not gained the appropriate background at school.

For more information on the school options that will enable the best preparation for a particular course of study or career please speak to Mrs Clarke (Careers Co-ordinator) Mrs Swart (Careers Counsellor) or Mrs Dorman (Head of College). Information is also available in pamphlet form from the Careers Office.

## **Resources to help you decide on a Career Path**

The Careers Department has a range of resources to help you make informed careers choices.

- ◆ **Career Planning** This computer based career questionnaire is produced by a Christian company in the New Zealand, it is available in the careers room and takes about 1 ½ hours to complete. It produces a very accurate and comprehensive 35 page report. This resource costs \$50 per user (no profit to KWS). Bookings and payment should be made to Mrs Clarke.
- ◆ **KiwiCareers Website** will provide you with information (and a printout if you wish) on various careers, necessary courses of study, and the institutions that provide such courses.
- ◆ **Careers Information Leaflets** and University information booklets are available from the Careers room.

# Career / Study Planner

➤ Use this form to organise your investigation into possible careers and study options

	Possible Career	Tertiary Training Needed	Yr 13	Yr 12	Yr 11	Yr 10
Option One				English _____ _____ _____ _____ _____	English Mathematics Science _____ _____ _____	English Mathematics Science Social Studies _____ _____
Option Two				English _____ _____ _____ _____ _____	English Mathematics Science _____ _____ _____	English Mathematics Science Social Studies _____ _____
Points to Ponder:	<ul style="list-style-type: none"> <li>• What types of work are you interested in/would enjoy doing?</li> <li>• What type of work would you do in a typical day?</li> <li>• What is the typical salary range annually?</li> <li>• Is this the type of work that God wants you to do?</li> </ul>	<ul style="list-style-type: none"> <li>• How long is the course?</li> <li>• What are the fees each year?</li> <li>• Does this course give you access to more than one occupation?</li> <li>• Which institutions provide training in this field?</li> </ul>	<ul style="list-style-type: none"> <li>• List the subjects required for entry into the course and NCEA credits needed</li> <li>• For degree courses you must also achieve the common entrance standard.</li> </ul>	<ul style="list-style-type: none"> <li>• Most often entry into a course at Year 13 requires that it be taken at Year 12.</li> </ul>	<ul style="list-style-type: none"> <li>• Often entry into a course at Year 12 requires that it be taken at Year 11.</li> </ul>	<ul style="list-style-type: none"> <li>• Entry to Year 11 courses does not always require that the subject be taken at Year 10 but this can aid achievement especially in skill based subjects e.g. Art, Graphics and Language learning.</li> </ul>

## Year 10 - 13 Option Pathways 2010

Year 10	Year 11	Year 12	Year 13
English	English	English	English
	English (ENU 1)	English (ENU 2)	
ESOL	ESOL	ESOL	ESOL
Mathematics	Mathematics	Mathematics	Calculus
	Mathematics (MAU 1)	Mathematics (MAU 2)	Statistics
Science	Science	Biology	Biology
	Science (SCU)	Chemistry	Chemistry
		Physics	Physics
Biblical Studies	Biblical Studies	Biblical Studies	Biblical Studies
Social Studies	Geography	Geography	Geography
	History	History	History
		Travel and Tourism	Travel and Tourism
Physical Education	Physical Education	Physical Education	Physical Education
Health			
Information Technology	Computing	Computing	Computing
Soft Materials	Soft Materials	Soft Materials	Soft Materials
Hard Materials	Hard Materials	Hard Materials	Hard Materials
Graphics	Graphics	Graphics	Graphics
Japanese	Japanese	Japanese	Japanese
Commerce	Accounting	Accounting	Accounting
	Economics	Economics	Economics
			Business Studies
Art	Visual Art	Visual Art	Design
			Painting
			Sculpture
			Printing
Music	Music	Music	Music
Drama	Drama	Drama	Drama
Dance	Dance	Dance	

**Important, please note:**

1. There is no Year 13 Dance in 2010.
2. Year 12 and 13 Travel and Tourism are taught together in one class.
3. Senior Art and Senior Music are often aggregated to allow flexibility with timetabling.
4. Business Studies is a combined Year 12/13 (L3 course) with preference given to year 13 students.



# Year 11 Options for 2010

## NCEA LEVEL 1 ACCOUNTING

*Prerequisite:* None specifically, but students must have reasonable Mathematics and English  
*Assessment:* NCEA Level 1 – 21 credits  
*Course Cost:* \$25.00 towards write on workbooks

This course provides students with a solid introduction to accounting practice and analysis. It is useful to those wishing to pursue careers in commerce and management or wishing to run a business of their own.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90022	Demonstrate an understanding of the conceptual basis of accounting	3	External
90023	Describe a method of processing financial information and analyse transactions	3	External
90024	Process financial information for a sole proprietor	4	Internal
90026	Prepare financial statements for sole proprietors	4	External
90027	Report financial information for an individual or household, and community organisations	3	External
90028	Analyse and interpret information for a sole proprietor	4	External

## NCEA LEVEL 1 COMPUTING For Year 11 Students

*Year Level:* Year 11  
*Prerequisite:* Y10 Computing – recommended but not required.  
*Assessment:* 100% Internal Assessment  
*Course Cost:* \$20.00 allocated to printing balance

### *Qualifications:*

- Start of the National Certificate in Computing Level 3 (usually a 2 - 3 year course),
- NCEA credits.

*Credit Expectations:* Students are expected to complete - Year 11: 20 credits

The course is very practical. Students cover a wide range of topics all of which will assist them to access computing qualifications and careers. Students will also be introduced to the technological process. In addition the skills and knowledge learnt are very useful for all other studies.

During this year students will start the National Certificate in Computing Level 3. It is expected to take 2 to 3 years to complete the certificate.

Year 11 Students will complete:

<b>Level/US/ AS</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
L1 US2780	Describe and operate a personal computer system	3	Internal
L1 US5946	Use Computer technology to create and deliver a presentation from a given content	3	Internal
L1 AS90045	Develop an outcome through technological practice to address a given brief	6	Internal
L2 US2781	Manage and protect data in a personal computer system	3	Internal
L3 US112	Produce information using word processing functions	5	Internal

### **NCEA LEVEL 1 DANCE**

*Prerequisite:* Year 10 Dance recommended and HOD Approval  
*Assessment:* NCEA Level 1 – 24 Credits  
*Course Cost:* Performance Pack \$10.00 Course Workbooks \$15.00  
 Workshop fees \$15.00

This course is made up of five achievement standards totalling 24 credits. It comprises three categories of study: Dance choreography, dance performance and dance perspectives. The course is structured around the following performance, knowledge and skills areas.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90001	Dance Choreography: Compose movement sequences	6	Internal
90002	Dance Performance: Perform dance sequences	6	Internal
90003	Dance Performance: Perform dance as a member of a group	4	Internal
90004	Dance Perspectives: View, interpret and respond to a dance performance	4	External
90005	Demonstrate knowledge of a dance genre or style	4	External

### **NCEA LEVEL 1 DRAMA**

*Prerequisite:* Year 10 Drama recommended or HOD approval  
*Assessment:* NCEA Level 1 – 19 Credits  
*Course Cost:* Write on Workbooks and Scripts \$35.00  
 Workshop fees \$15.00 Performance Pack \$5.00

The course is made up of five achievement standards, totalling 19 credits. The course structure is; drama techniques, studying a theatre form, devising drama, developing a character in a major script performance, and performing a technical role.

Students are expected to maintain a portfolio, which will contain crucial information for internal assessment activities.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90006	Use drama techniques	4	Internal
90007	Use elements and conventions to devise and perform a drama	4	Internal
90008	Demonstrate knowledge of drama/theatre form: melodrama	3	Internal
90009	Perform an acting role: Major script performance	4	Internal
90010	Perform a technical role	4	Internal

## **NCEA LEVEL 1 ECONOMICS**

*Prerequisite:* None specifically, but must have reasonable Mathematics and English

*Assessment:* NCEA Level 1 – 24 credits

*Course Cost:* Student Workbook \$25.00

The New Zealand economy provides the basis for an interesting study of how resources are used in the production process, the structure of business, how market place prices are determined, the nature of consumer law and the role of Government. Business visits will enable students to apply their learning to real situations.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90195	Describe concepts related to consumer choice and demand	4	External
90196	Describe producers, production and resources and their use	5	External
90197	Describe the concept of supply	3	External
90198	Describe the market	5	External
90199	Describe relationships between sectors of the economy	2	External
90200	Understand and use the consumer decision-making model	2	Internal
90201	Carry out an economic investigation	3	Internal

## **NCEA LEVEL 1 ENGLISH**

*Prerequisite:* Year 10 English

*Assessment:* NCEA Level 1 – 22 credits

The Year 11 course covers the skills of reading, writing, listening, speaking, viewing and presenting. Research skills and the study of literary and non-literary texts are important parts of the course.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90052	Produce creative writing	3	Internal
90053	Produce formal writing	3	Internal

90054	Read, study and show understanding of extended written text	2	External
90055	Read, study and show understanding of a number of short written texts	2	External
90056	View / Listen to, study and show understanding of a visual or oral text	2	External
90057	Read and show understanding of unfamiliar texts	3	External
90058	Deliver a speech in a formal situation	3	Internal
90059	Produce a media or dramatic presentation	3	Internal

## 11ENU: ENGLISH WITH UNIT STANDARDS

*Prerequisite:* Nil  
*Assessment:* Level 1 – Achievement standards - 6 credits  
 Level 1 - Unit standards - 18credits  
 Total 24 credits

We offer this course of combined unit and achievement standards to Year 11 students for whom practical applications (literacy) of the English language are preferable to the literature (literary) focus in language. Therefore students who have difficulty with literature and poetry could consider this course as an alternative. Unit standards are demanding as they can only be achieved by passing all of the performance criteria in each unit.

<b>US/ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
<b>US2977</b>	Read texts for practical purposes	4	Internals
<b>US3501</b>	Applying listening techniques	4	Internals
<b>US8808</b>	Read an inclusive range of texts and record the reading experience	3	Internals
<b>US8812</b>	Transactional Writing	4	Internals
<b>US10792</b>	Write Formal Personal correspondence	3	Internals
<b>AS90058</b>	Deliver a speech in a formal situation	3	Internals
<b>AS90059</b>	Produce a media or dramatic presentation	3	Internals

## Year 11 ESOL

*Prerequisite:* Nil  
*Assessment:* NCEA Level 1 – Up to 23 credits  
 UE Literacy credits L1

This course is designed to assist International Students in the development of English language skills required for successful study in the senior school.

- Orientation:
  - This can help the new International Students to orientate themselves towards the school and immediate environment
  - Orientation is held during one/two days, the week before school commences at the beginning of the year

- Course: (subject to confirmation)

<b>US STD</b>	<b>LEVEL</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
8808	ENG L1	Wide reading (literacy requirement)	3	Internal
12417	ENG L1	Static images (literacy requirement)	2	Internal
2977	ENG L1	Reading (literacy requirement)	4	Internal
3483	ESL L2	Writing (filling in forms)	4	Internal
1287	ESL L2	Talking (informal interview)	5	Internal
17366	ESL L1	Write Simple Recounts	5	Internal
15007	ESL L2	Understanding spoken language	5	Internal
17368	ESL L2	Write Information Texts	5	Internal
UE		IELTS/TOEFL	n/a	Externally Arranged

### **NCEA LEVEL 1 GEOGRAPHY**

*Prerequisite* : Year 10 Social Studies

*Assessment*: NCEA Level 1 – 24 Credits

*Course Cost*: Rotorua approximately \$240.00 North Shore Volcanoes \$10.00

Students study themes relating to people adapting to their environment, including Extreme Natural Events, Population Studies, (in New Zealand and around the world), Resources and their Use, (farming as a renewable resource and mining as a non-renewable resource).

The course includes a field trip to Rotorua and Waihi Gold Mine and a half day trip to North Shore Volcanoes.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90202	Examine extreme natural events	3	External
90203	Examine population patterns, processes and issues	3	External
90204	Examine resource use in a farming and mining context	3	External
90205	Apply skills and ideas with direction in a geographic context	4	External
90206	Carry out directed geographic research	5	Internal
90207	Examine a contemporary geographic issue	3	Internal
90208	Examine a global study	3	Internal

### **NCEA LEVEL 1 GRAPHICS**

*Prerequisite*: Year 10 Graphics

*Assessment*: NCEA Level 1 – 21 Credits

This course has eight assessment tasks worth three credits each and is divided into 4 main areas of study:

1. Graphical Communication.
2. Architectural Design.

3. Computer Aided Draughting (CAD).
4. Media Design.

There are 3 internally assessed achievement standards, and 4 externally assessed achievement standards, which will take the form of a portfolio, instead of a final examination.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90037	Produce freehand sketches	3	External
90038	Produce geometrical shapes and solids	2	External
90039	Produce instrumental working drawings	3	External
90040	Produce pictorial drawings using instruments and render these drawings	4	External
90041	Produce mock-ups and models	4	Internal
90042	Apply a design process incorporating design principles and societal considerations	5	Internal

### **NCEA LEVEL 1 HISTORY**

*Prerequisite:* Merit Level pass Year 10 English **and/or** HOD approval  
*Assessment:* NCEA Level 1 - 20 credits  
*Course Cost:* Field trips approximately \$70.00

The Year 11 History course using selected case studies looks at two major forces of the 20<sup>th</sup> century that have shaped our modern world: **Social Change and International Relations**. It considers the developments that drive people to conflict, terrorism and war, as well as the factors that allow nations to find allies, peace and prosperity.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90209	Carry out an historical investigation	4	Internal
90210	Communicate historical ideas	4	Internal
90211	Interpret historical sources	4	External
90212	Examine the perspectives of people in an historical setting	4	External
90213	Describe an historical development, in an essay	4	External

The Internal Achievement Standards (90209 and 90210) require two assessments, in selected topics, at least one of which will involve field work and primary resources.

### **Film and competitions**

There will be opportunity during the year for History students to enjoy a collection of feature films that bring a wider understanding to their classroom studies. This may be an evening visit to a city cinema or screenings at school. Students also have the opportunity to take part in national competitions and a regional quiz night, as well as visits to major city libraries.

## Coursework Costs

This class will travel to Auckland City for a number of field trips including Auckland War Memorial Museum, the Naval Base and North Head, visits to historical grave sites, and early churches in Auckland.

## NCEA LEVEL 1 JAPANESE

*Prerequisite:* Proven ability in Year 10 Japanese or assessment by Japanese Teacher in special circumstances

*Assessment:* NCEA Level 1 – 21 Credits

*Course cost:* Workbooks approximately \$60.00  
Access to Computer Program \$20.00

Students will undertake a practical course using the four language skills, covering topics such as leisure, travel, holidays, shopping, eating out, directions and school life. Cultural aspects of Japan are also studied within these topics.

Students will also have opportunities to participate in cultural exchanges with Japanese visitors, sit Australian Language Certificate Level 2 and to be part of the KingsWay School Japan Tour in the September/October school holidays 2010.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90102	Listen to and understand spoken Japanese in familiar contexts	6	External
90103	Give a prepared talk in Japanese on a familiar topic	3	Internal
90104	Converse in Japanese in a familiar context	3	Internal
90105	Read and understand written language in Japanese in familiar contexts	6	External
90106	Write text in Japanese on a familiar topic	3	External

## 11MAT: MATHEMATICS WITH ACHIEVEMENT STANDARDS

*Prerequisite:* HOD approval.

*Restriction:* Students cannot take both 11MAT and 11MAU.

*Assessment:* NCEA Level 19 Credits

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90147	Use straightforward algebraic methods and solve equations	4	External
90148	Sketch and interpret linear or quadratic graphics	3	External
90151	Solve straightforward number problems in context	3	External
90152	Solve right angled triangle problems	2	External
90153	Use geometric reasoning to solve problems	2	External
90193	Use statistical methods and information	3	Internal
90194	Determine probabilities	2	External

Students in 11MAT will also be credited with up to 5 Mathematics credits that were assessed in the Year 10 Mathematics course in 2009.

## 11MAU: MATHEMATICS WITH UNIT STANDARDS

<i>Prerequisite:</i>	HOD approval.
<i>Restriction:</i>	Students cannot take both 11MAU and 11MAT.
<i>Assessment:</i>	NCEA Level 1 - 22 Credits
<i>Course Cost:</i>	\$10.00 for Mathematics workbook

<b>UNIT STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
<b>US5223</b>	Use formulae and equations to solve problems	2	Internal
<b>US5224</b>	Use decimals and percentages to solve problems	2	Internal
<b>US5226</b>	Construct and use tables and graphs	2	Internal
<b>US5232</b>	Determine probabilities in practical situations	2	Internal
<b>US5234</b>	Use calculations in money situations	3	Internal
<b>US5236</b>	Use Pythagoras theorem and trigonometry to find unknowns in right angled triangles	2	Internal
<b>US8491</b>	Read and interpret information presented in tables and graphs	2	Internal
<b>US20659</b>	Demonstrate basic algebra skills	2	Internal
<b>US20663</b>	Use a strategy to estimate the solution to number problems	2	Internal
<b>AS90193</b>	Use statistical methods and information	3	Internal

Students in 11MAU may also be credited with up to 5 credits from Level 1 Mathematics which were assessed in the Year 10 Mathematics course in 2009

## NCEA LEVEL 1 MUSIC

<i>Prerequisite:</i>	60% in Year 10 Music or HOD approval <b>and</b> at least two years private instrumental tuition.
<i>Assessment:</i>	NCEA Level 1 – 20 Credits
<i>Course Cost:</i>	\$37.00 Aural Book and \$16.00 Composition/Performance Pack

This course focuses on performance, theory skills, composing and aural perception. Students must be receiving individual instrumental or vocal tuition throughout the year and will be assessed in both solo and group performances. They will also develop their skills in composition and broaden their understanding of music through a more detailed study of theory concepts.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90012	Perform contrasting music as a featured soloist	6	Internal
90013	Perform music as a member of a group	3	Internal
90014	Compose music to meet specified requirements	6	Internal
90015	Aurally identify, describe and transcribe music elements from simple music	3	External
90016	Identify and describe fundamental materials of music	2	External

## NCEA LEVEL 1 PHYSICAL EDUCATION

*Pre requisite:* Yr 10 Attitude 'B' or better **and** HOD approval  
*Assessment:* NCEA Level 1 – 20 Credits  
*Course Cost:* \$120 Mountain Biking, Climbing and high ropes course/Surfing.

This course will assess students in 5 achievement standards. Students must have cross training and/or running shoes.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90067	Participate in physical activities and describe how this influences hauora/well-being.	5	Internal
90068	Demonstrate knowledge of body structure and function related to performance of physical activity	5	Internal
90524	Demonstrate quality movement in the performance of a physical activity	3	Internal
90071	Demonstrate interpersonal skills and describe their effects on the functioning of a group or team	4	Internal
90525	Examine the quality of movement in own performance of a physical activity	3	Internal

## NCEA LEVEL 1 SCIENCE

*Prerequisite:* 10 Science  
*Assessment:* NCEA Level 1 – 21 Credits  
*Course Cost:* Field Trip Approximately \$52.00 per head  
 ABA Student Workbook \$35.00 Assignment manual \$15.00

Science in Year 11 is an exciting and practical course involving a field trip to Rangitoto Island in early Term 1. It builds extensively on the Year 10 foundation, applying the knowledge gained, and prepares students for NCEA exams.

Students will study 3 externally examined units plus two internally assessed practical examinations. Students can gain up to 24 credits on their course.

*Field trip:* The Geology Unit Standard 18982 (internally assessed) includes a compulsory field trip to Rangitoto in the first term.

Students develop an understanding of the fundamental concepts of Science. They will apply these principles to familiar and unfamiliar situations, perform experiments, collect and interpret data and draw logical conclusions.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
AS90186	Carry out a practical investigation with direction	4	Internal
AS90188	Uses and effects of micro-organisms and the transfer of genetic information	5	External
AS90189	Properties and reactions of groups of related substances including metals, acids and bases	5	External
AS90191	Force, motion, energy and electricity are the physical principals studied	5	External
US18982	Demonstrates knowledge of Earth Science	2	Internal

## 11SCU: SCIENCE WITH UNIT STANDARDS

*Prerequisite:* 10 Science  
*Assessment:* NCEA Level 1 – 22 Credits  
*Course Cost:* Field Trip Approximately \$52.00  
Student Workbooks \$18.00

This course is designed to cater for the students who have struggled with Year 10 Science but are capable of achieving provided the pace of the course is not too fast. To this end the course comprises achievement and unit standards from Science, Physics and Human Biology. Students cannot opt for this course but will be placed in this course if they fail to meet the requirements for NCEA Level 1 Science. The main objectives for this course are:

1. Enjoyment
2. Learning Y11 Science at an appropriate pace and
3. Success in achievement.

*Field trip:* The Geology Unit Standard 18982 (internally assessed) includes a compulsory field trip to Rangitoto in the first term.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90186	Carry out a practical investigation with direction	4	Internal
<b>US18975</b>	Sports Science	2	Internal
90178	Describe functioning of human circulatory, respiratory and excretory systems	6	External
90176	Describe how humans respond to pathogens	2	External
<b>US8935</b>	Investigate characteristic properties and reactions of metals	3	Internal
<b>US6357</b>	Identify common minerals and rocks	3	Internal
<b>US18982</b>	Demonstrates knowledge of Earth Science	2	Internal

## NCEA LEVEL 1 TECHNOLOGY (Hard Materials)

*Prerequisite:* Nil  
*Assessment:* NCEA Level 1 – 20 credits  
*Course Cost:* \$40.00 to cover special materials for 'take home' projects

Year 11 Technology is divided into several areas of study:

1. General Technology
2. Materials Technology
3. Process Technology
4. Computer Graphics
5. Systems Technology

These five areas of study are covered by six Unit Standards, worth a predetermined amount of credits for each standard - a total of 20 credits. All Unit Standards are internally assessed, which may be moderated as required.

<b>UNIT STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
13403	Use materials to produce a prototype or a technical solution.	6	Internal
7523	Use and care for standard hand tools in materials technology.	4	Internal
7524	Use cutting, shaping, assembly and finishing processes in materials technology.	4	Internal
7536	Develop sequence of operations for one-off construction in Process Technology.	3	Internal
7480	Produce 2D drawings using a computer drawing program.	3	Internal

### **NCEA LEVEL 1 TECHNOLOGY (Soft Materials)**

*Prerequisite:* Year 10 Food and Fabric Technology (or TIC approval)  
*Assessment:* NCEA Level 1 – 21 Credits  
*Course Cost:* \$60.00 for costs related to own choice of project materials.

Year 11 Soft materials Technology is divided into two main areas of study. Each area has three categories:

1. Food Technology
  - a) Health and safety
  - b) Basic human nutrition
  - c) Practical cooking and meal planning for a specific population area
2. Fabric Technology
  - a) Sewing techniques using the Sewing machine and overlockers, basic seams and hand-stitching
  - b) The choice and adjustment of a commercial pattern
  - c) Garment construction

These 2 areas of study are covered by one achievement standard, and four unit standards worth a variety of credits each. All standards are internally assessed.

<b>UNIT STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
<b>AS90144</b>	Demonstrate and apply safe food handling practices and strategies. (H.E. 1.4).	5	Internal
<b>US6634</b>	Demonstrate knowledge in basic human nutrition	5	Internal
<b>US6631</b>	Provide nutritious food for an adolescent	5	Internal
<b>US6679</b>	Choose and adjust a commercial pattern	3	Internal
<b>US6681</b>	Demonstrate constructing a simple textile item from chosen woven fabric.	3	Internal

Unit standards 6634, 6631 and 6679 have a research component attached to them.

## NCEA LEVEL 1 VISUAL ARTS

*Prerequisite:* Year 10 Art or at discretion of HOD Art

*Assessment:* NCEA level 1 - 20 credits

*Course Costs:* Field Trips approximately \$20.00  
Art Materials approximately \$105.00 NCEA Boards and  
A3 Clearfiles \$25.00

Students will:

- Consider and reflect on the contexts underlying their own and others' art work.
- Apply knowledge of a range of conventions from established practice, using appropriate processes and procedures.
- Generate, develop and clarify ideas in a varied range of activities.
- Sequence and link ideas systematically as they solve problems in a body of work, using observation and invention with a range of art media.
- Investigate, analyse and evaluate ideas and interpret artists' intentions in art works.

<b>ACH STD</b>	<b>Description</b>	<b>Credits</b>	<b>Assessment Mode</b>
90018	Research art and artworks from Māori and European traditions and their contexts	3	Internal
90019	Use drawing processes and procedures	5	Internal
90020	Generate and develop ideas in making artworks	12	External

## NOTES

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