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2018 YEAR 12 SUBJECTS

16  12ACC    12 Accounting
18  12AGBU   12 Agribusiness
20  12AGSC   12 Agriscience
22  12ARD    12 Art Design
24  12BIO    12 Biology
26  12BUI    12 Building
28  12CHE    12 Chemistry
30  12CSK    12 Computer Skills
32  12DVC    12 Design and Visual Communication (previously known as Graphics)
34  12DTE    12 Digital Technology
36  12DRA    12 Drama
38  12ECO    12 Economics
40  12ENA    12 English A
42  12EST    12 English Studies
44  12ESK    12 English Skills
46  12ELL    12 English Language Learning
48  12FNU    12 Food and Nutrition
50  12FRE    12 French
52  12GAT    12 Gateway
54  12GEO    12 Geography
56  12HIS    12 History
58  12HRT    12 Horticulture
60  12HOS    12 Hospitality
62  12JPN    12 Japanese
64  12LSK    12 Land Skills
66  12MAT    12 Mathematics
68  12MST    12 Mathematics Studies +
70  12MSK    12 Mathematics Skills

Continued on the next page . . .
A full year USkills course is also offered. For further detail and application procedures, see Y11 Dean Mr Frost, or Careers Advisors Miss Johanson or Ms MacKenzie.

**YOU MAY ALSO WISH TO CONSIDER SEMESTER OPTIONS**

Information about semester courses can be found in the *Year 12/13 Semester Course Information Booklet*.

Year 12 students may choose Year 12 semester courses. Year 13 students may choose Year 12 and/or Year 13 semester courses.

Semester courses offered to Year 12 students include:

- 12AUT 12 Automotive
- 12BUS 12 Business Studies
- 12DRE 12 Driver Education
- 12FIN 12 Financial Beginnings
- 12PT1 12 Performance Technology 1
- 12PT2 12 Performance Technology 2
- 12RPE 12 Recreational Physical Education
- 12SSS 12 Social Studies
SCHOOL UNIFORM

**GIRLS**
Skirt Regulation skirt to be worn below the knee. Modification to the skirt style will not be accepted.
Tights Black tights to be worn in winter
Socks Plain white ankle length socks in summer
Blouse Blue, long sleeved and shaped

**BOYS**
Shorts / Trousers Black regulation shorts or plain charcoal grey tailored regulation school trousers
Socks Regulation socks
Shirt Blue and long sleeved

**GIRLS AND BOYS**
Footwear Black polishable leather regulation school shoes with a robust sole. No sports shoes, skate shoes or lightweight flats.

Black or brown leather Roman Sandals - optional summer footwear. Not to be worn with socks.

In Workshops and designated areas regulation school shoes must be worn.

Jersey / Polar Fleece Regulation v-neck wine jersey or regulation navy polar fleece top

**PHYSICAL EDUCATION UNIFORM**
Shirt Regulation PE shirt
Shorts / Pants Plain black / navy sports shorts to be worn above the knee or plain black / navy track pants
Footwear Suitable sports shoes

PE staff may permit alternative uniform items depending on the nature of the activity.

**OPTIONAL ITEMS**
Jacket The regulation school jacket or a plain, unadorned black or navy blue rain jacket
Scarf Regulation school red, white and blue scarf can only be worn
Hats A plain, unadorned navy blue brimmed hat or cap providing appropriate protection from the sun may be worn outside. The cap must be worn with the brim to the front.
Tie Can only be worn by Year 13 students.

**SENIOR UNIFORM (YEAR 12 AND YEAR 13)**
All Year 12 and Year 13 students wear a different blouse / shirt and jersey / cardigan / vest.

WHERE TO PURCHASE UNIFORM ITEMS
School uniform may be purchased from the school’s uniform shop which operates from the foyer of the school assembly hall.

Contact Mrs Kaihau - 323 4029 EXT 707
COURSE PLANNING

The following information has been prepared to help you select your Year 12 course for next year. It outlines the proposed full year Year 12 subjects offered for 2018.

FORWARD PLANNING IS ESSENTIAL

You must carefully plan for your Year 12 courses to ensure you are eligible for Year 13 courses that will give you access to the universities, tertiary providers, courses and jobs you may want once you leave school.

For information and guidance, make contact with

Careers Advisors
Deans
University liaison officers

The following people in school can be of help:

Careers Advisors      Ms MacKenzie      Miss Johanson
Your 2017 Y11 Dean    Mr Frost
Other senior Deans    Mr Jeffreys (Y13)  Mrs Clarke (Y12)
Your teachers

Remember: your applications for further study and halls of residence use your Year 12 results and reports

YEAR 12 COURSE PLANNING

1. All Year 12 students are required to take a course in English, although this may need to be at Level 1, rather than Level 2.

2. In addition, students will take five other subjects at Year 11 or Year 12. Some subjects may not be taken with another - check subject information carefully.

3. One “subject” may correspond to two semester courses. See page 7.
SELECTING YOUR SUBJECT CHOICES

Your course selection will be made in school in Week 8, Term 3. Faculty Leaders will talk with you about your subject choices before entry is made. Your proposed course will be entered as you leave the Hall.

Please ensure you have read the information in this booklet and the Semester booklet, and possibly the Year 11 and Year 13 course booklets, about subjects you are interested in taking. Discuss your choices with your parents / caregivers.

We will try to fulfil the wishes of students and their parents / caregivers in selecting courses, but the school reserves the right to limit or modify classes according to
-the ability and needs of the student
-available staffing, resources and timetable restrictions.

LEVEL 1 NUMERACY
Students who have not gained the Numeracy requirements for their NCEA Level 1 Certificate, will be required to complete a suitable Mathematics course dependent upon their needs and abilities.

Students wishing to go on to university study will require a minimum of 10 Numeracy credits.
NB Many tertiary courses require more than this.

STUDENTS WITH SPECIAL LEARNING NEEDS
Supported students will have programmes tailored to their specific needs. Deans and staff involved with these students will help plan their individual programmes. Please make contact with the appropriate staff if you would like to discuss your ideas.

COURSE CONFIRMATION
Your course will be confirmed at re-enrolment Tuesday 23 January and Wednesday 24 January 2018, between 10am and 1pm in the Library.
You must attend one of these days - book it into your diary now.

Your acceptance into a subject for 2018 will depend on your 2017 NCEA results.

FAHS - FEILDING HIGH SCHOOL RECORD OF ACHIEVEMENT

All students should set their sights on gaining a good FAHS – Feilding High School Record of Achievement in their final year at school. This document summarises courses studied, profiles the student’s skills, work habits and achievements, and comments on personal attributes and attendance.
SEMESTER PROGRAMME

- This programme includes a number of half year courses that are offered in one line of the timetable i.e. together work as one subject.
- The semester courses are designed to meet a range of student needs.
- Semester courses may offer Achievement Standards and/or Unit Standards at a range of levels i.e. Level 1, 2 and / or 3.
- If a student chooses the semester programme they must choose two semester subjects – one to run in the first half of the year and the other in the second half of the year.
- Both Year 12 and Year 13 students may take subjects in the semester programme – Year 12 students may take only Year 12 semester courses; Year 13 may take Year 12 and/or Year 13 semester courses.

List of Semester Subjects

- 12 Automotive
- 12 Business Studies
- 12 Driver Education
- 12 Financial Beginnings
- 12 Outdoor Education 1
- 12 Outdoor Education 2
- 12 Performance Technology 1
- 12 Performance Technology 2
- 12 Recreational Physical Education
- 12 Social Studies
- 13 Fitness for Sport (Semester 1)
- 13 Fitness for Sport (Semester 2)
- 113 Sport Coaching

NB: Year 12 Semester options are available to both Year 12 and 13 students. Year 13 Semester options are only available to Year 13 students.

Semester subjects will be offered subject to: Student numbers
Staff availability
# ACADEMIC CURRICULUM

**KEY:**
- **Underlined** - Compulsory Subject;
- **(S)** - Semester Course;
- **#** - Approved Subject for UE;
- *** -** Scholarship Examination available

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| **LANGUAGES** |         |         |         |         |
| English  | English | English A | English A | English A*# |
| Media Studies | Media Studies | Media Studies | Media Studies*# |
| French Introduction | French | French | French | French*# |
| Te Reo Māori Introduction | Te Reo Māori | Te Reo Māori | Te Reo Māori*# |

| **MATHEMATICS** |         |         |         |         |
| Mathematics | Mathematics | Mathematics A | Mathematics | Calculus*# |
| Mathematics Studies | Mathematics Studies | Mathematics Skills | Mathematics Skills | Statistics*# |

<p>| <strong>PHYSICAL EDUCATION AND HEALTH</strong> |         |         |         |         |
| Physical Education Health | Physical Education Health | Physical Education &amp; Health | Recreational PE (S) | Fitness for Sport 1 (S) |
| Sport Science | Sport Science | Outdoor Adventure | Outdoor Education | Sport Science*# |
| Outdoor Management | Outdoor Management | Driver Education (S) | Driver Education (S) | Outdoor Leadership |</p>
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NZQA QUALIFICATIONS AND AWARDS

We offer a range of NZQA qualifications: NCEA Certificates at Levels 1, 2 and 3, and University Entrance, as well as a number of National Certificates in specific subject areas: Cookery, Coffee Appreciation, Building, Primary Industries, Travel and Tourism.

Many of our subjects (especially at Year 12) offer credits towards the new Vocational Pathways Certificates at Level 2.

Scholarship is also available in most Year 13 courses (see page 12).

NCEA CERTIFICATES

NCEA Level 1 Certificate
• 80 credits at Level 1 or higher
• Must include
  - 10 literacy credits (English, Te Reo or specific standards in other subjects)
  - 10 numeracy (Mathematics or specific standards in other subjects)

NCEA Level 2 Certificate
• 80 credits
  - 60 at Level 2 or higher
  - 20 may be at Level 1
• Students must have met the Level 1 literacy and numeracy requirements

NCEA Level 3 Certificate
• 80 credits
  - 60 at Level 3 or higher
  - 20 may be at Level 2
• Students must have met the Level 1 literacy and numeracy requirements

ENDORSEMENT

Certificate Endorsement
Level 1, 2 and 3 NCEA Certificates may be endorsed ‘With Merit’ or ‘With Excellence’.
• ‘With Merit’ endorsement requires 50 credits at Merit or higher at the level of that certificate or higher.
• ‘With Excellence’ endorsement requires 50 credits at Excellence at the level of that certificate or higher.

Subject Endorsement
Subject endorsement also applies to each subject at all year levels.
• To gain a Merit endorsement for a subject, you must gain 14 credits at Merit or higher in that subject in the same year, and at least 3 credits must come from internal assessment and 3 credits from external assessment.
• To gain an Excellence endorsement for a subject, you must gain 14 credits at Excellence in that subject in the same year, and at least 3 credits must come from internal assessment and 3 credits from external assessment.
UNIVERSITY ENTRANCE

To be awarded a **University Entrance qualification**, you must have achieved all of the following:

- NCEA Level 3 Certificate
- 14 credits at Level 3 in each of three approved subjects (see Table 1, page 12)
- UE numeracy - 10 credits at Level 1 or higher from specific achievement standards across a range of subjects, or all three specific numeracy unit standards
- UE literacy - 10 credits (five in reading and five in writing) at Level 2 or higher from specific standards.

To be enrolled in a university you must meet their entry requirements

Universities are now setting their own entry requirements

- their own Literacy requirements

Some courses may

- have specific subject prerequisites i.e. specific Y13 courses
- have specific required standards
- have higher entry requirements such as a greater number of Merit and Excellence grades
- be selective and choose the highest achieving students

For more information, contact Careers Advisors

Deans

University liaison officers.

APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE

Courses that are offered at FAHS - Feilding High School and are **APPROVED SUBJECTS** for University Entrance

Please note:
- a combination of the Sciences (BIO, CHE, PHY) may provide an additional Approved subject Science
- a combination of the Mathematics (CAL, MAT, STA) may provide an additional Approved subject Mathematics
- a combination of the Technology (DTE, DVC, FTE, TTE) may provide an additional Approved subject Technology

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SCHOLARSHIP

- Assessed in an extra exam for each subject, other than for Sport Science (a report is required) and for those for which an extra portfolio is submitted
- Only one portfolio may be submitted in Practical Art or in Technology
- Scholarship Food and Nutrition is available as Scholarship Physical Education

Table 2: SCHOLARSHIP SUBJECTS

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VOCATIONAL PATHWAYS AWARD

Six Vocational Pathways sectors have been established:
- Construction and Infrastructure
- Creative Industries
- Manufacturing and Technology
- Primary Industries
- Service Industries
- Social and Community Services

Within each sector, specific Achievement Standards and Unit Standards have been identified as either recommended standards or sector related standards.

Standards you have achieved may:
- show you where your strengths lie
- show employers where your strengths and abilities lie

The standards achieved may contribute towards one or more Vocational Pathways Awards that may be in any one of the six sectors listed above.

To receive a Vocational Pathways Award you must:
- Achieve NCEA Level 2
- Meet the NCEA Literacy and Numeracy requirements
- Gain 60 Level 2 credits from recommended standards
- Of the 60 credits, 20 Level 2 credits must be from sector related standards

At present you can achieve a Vocational Pathways Award only at Level 2.

The course outlines that follow, show where standards assessed against may contribute towards a Level 2 Vocational Pathways Award.

You can check your progress towards any of the Vocational Pathways Award in your academic record.

For more information about Vocational Pathways Awards, log on to http://youthguarantee.net.nz/vocational-pathways
ACCESSING YOUR QUALIFICATIONS, ENTRIES AND RESULTS

You can access your assessment information through NZQA student login. NZQA website  
www.nzqa.govt.nz

If you do not know how to log in, see one of your teachers, Miss Russell OR Mr Davis or Mr Jury in A6.

Your assessment information on the website will include

- NZQA registered qualifications such as NCEA Level 1, 2 and 3 Certificates
- Endorsement of certificates and subjects
- Additional Certificates such as National Certificates in Mathematics or other subject specific certificates, and Vocational Pathways
- Credit summaries
- Entries and results by subjects

Vocational Pathways - a Youth Guarantee initiative through the Ministry of Education. Information about this new initiative can be accessed at  
www.youthguarantee.net.nz
SUBJECT INFORMATION

The following pages contain information about the full year Year 12 courses offered here at FAHS – Feilding High School.

Please read the information carefully, especially

- entry requirements
- entry to the next level of study – you may want to check information in the Year 13 booklet

It is possible that some information may change prior to the start of the 2018 school year. At the start of next year, your teachers will give you your subject plan for the year - classes, teachers and timetables will not yet be available.
ACCOUNTING

Entry Requirements
10 Level 1 Literacy and Numeracy credits or at the discretion of the Teacher in Charge. Previous Accounting study is an advantage.

Course Outline / Key Topics Covered
- Decision making
- Accounting subsystems
- Preparing financial statements
- MYOB (Accounting software package)
- Analysis and calculations of financial data

Assessment

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<th>Standards</th>
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<td>3 External Achievement Standards</td>
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</table>

TOTAL CREDITS - 23 credits

3 Some of these standards also contribute towards L1 Literacy - 14 credits, and L1 Numeracy - 19 credits

Subject Progression
12 Accounting leads to Year 13 Accounting.
- Entry to 13 Accounting requires 6 Achievement Standard credits from 12 Mathematics and 12 credits from 11 English or 11 Te Reo Māori.
- 13 Accounting is an Approved Subject for University Entrance.
- Leads to careers in commerce, accountancy firms, finance and banking fields, e-commerce, retail, forensic accounting, fashion, sports, farm management and education.

Special Conditions of Subject
- A workbook and revision workbook must be purchased.
- Students must have a calculator.

Fees
- $6.00 Photocopying
- $35.00 Workbook
- $20.00 Revision book
## COURSE ASSESSMENT PLAN – 12 ACCOUNTING - 2018

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</table>

RS - Recommended Standard  
SRS - Sector Related Standard
AGRI
BUSINESS

Entry Requirements
12 credits from Achievement Standards in each of 11 Science, 11 Mathematics and 11 English.

Some knowledge or experience with agriculture would be an advantage.

Course Outline / Key Topics Covered
Examines science and business within the agriculture and horticulture industry in New Zealand.
Topics covered are
- future proofing
- cash flow forecasting
- accounting systems
- manipulation of organisms
- chemical technology

Assessment

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</table>

TOTAL CREDIT: 19 credits

Subject Progression
12 Agribusiness leads to 13 Agriscience and 13 Agribusiness.
- Entry to 13 Agribusiness requires an NCEA Level 2 Certificate that includes at least 50 credits from Achievement Standards.
- Entry to 13 Agriscience requires 12 credits, including an external assessment, from either 12 Agribusiness or 12 Agriscience or 12 Biology or 12 Chemistry or 12 Physics or 12 Economics.

Special Conditions of Subject
- Students who intend to be part of the FAHS Centre of Excellence in Agricultural Science and Business© will also need to take 12 Agriscience as well as at least one of 12 Biology, 12 Chemistry, 12 Physics, 12 Accounting or 12 Economics
- Field trips are yet to be confirmed

Fees
$10.00 In addition, the cost of field trips is estimated to be up to $25.00.
COURSE ASSESSMENT PLAN - AGRIBUSINESS - 2018
- Feilding High School is one of the lead schools in the development of this programme.

The schedule below shows full details of only two of the Achievement Standards that students will be assessed against - numbers will be assigned to the other three standards prior to the beginning of the 2018 school year.

COURSE ASSESSMENT PLAN – 12 AGRIBUSINESS - 2018

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RS - Recommended Standard  SRS - Sector Related Standard

# Trial standards in 2017 – full Achievement Standard numbers are expected to be assigned towards the end of 2017. Credits earned will count towards NCEA Level 2.
AGRICULTURAL SCIENCE

Entry Requirements
12 or more credits from 11 Agriculture.

Course Outline / Key Topics Covered
- Livestock reproduction
- Practical Investigation
- Environmental impacts
- Growth and development of livestock
- Land use

Assessment
3 Internal Achievement Standards 12 credits
2 External Achievement Standards 8 credits
- These standards also contribute towards L1 Literacy - 16 credits
  and L1 Numeracy - 4 credits

TOTAL CREDITS - 20 credits

Subject Progression
12 Agricultural Science leads to 13 Agribusiness and 13 Agriscience.
- Entry to 13 Agriscience and 13 Agribusiness requires 12 credits, including an external assessment, from 12 Agribusiness or
  12 Agriscience or 12 Biology or 12 Chemistry or 12 Physics or 12 Economics, or by approval of the Teacher in Charge.
- 13 Agriculture is an Approved Subject for University Entrance.

Special Conditions of Subject
- This course includes up to three field trips (2½ days) - approximate cost is $30.
- Farm Duty provides continuing practical experience.
- Students who wish to do 12 Primary Industries as well, must get approval from the Teacher in Charge.

Fees
$10.00
## COURSE ASSESSMENT PLAN – 12 AGRISCIENCE - 2018

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</table>

RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
Open entry

Course Outline / Key Topics Covered
Students will use digital photography to work towards publication design. They will utilise the digital area in the Art Department. The course will link with other subject area and include
- poster design
- magazine publication
- marketing processes

Assessment
1 Internal Achievement Standard 4 credits
1 External Achievement Standard 12 credits

TOTAL CREDITS - 16 credits

Subject Progression
12 Design leads to 13 Design
- Entry to 13 Design requires Level 2 Design or AS91321 (Painting).

Fees
$50.00
## COURSE ASSESSMENT PLAN – 12 ART DESIGN - 2018

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</table>

RS - Recommended Standard  
SRS - Sector Related Standard
**Entry Requirements**

12 credits from 11 Science A, including the Biology external (AS90948) and 12 credits from 11 English A or 11 English Studies.

**Course Outline / Key Topics Covered**

- Diversity of animal adaptations
- Cell biology and microscope skills
- Practical investigation
- Genetics and evolution

**Assessment**

2 Internal Achievement Standards 7 credits
3 External Achievement Standards 12 credits  
TOTAL CREDITS: 19 credits

- Some of these standards also contribute towards L1 Literacy - 15 credits
  and L1 Numeracy - 4 credits

**Subject Progression**

12 Biology leads to Year 13 Biology.
- For entry into 13 Biology students must have achieved at least two externally assessed Achievement Standards and one internally assessed Achievement Standard from 12 Biology, and have 12 credits from 12 English A or 12 English Studies.
- 13 Biology is an Approved Subject for University Entrance.

**Special Conditions of Subject**

Students are required to purchase a biology workbook from the school’s stationery shop - approximate cost is $30.00.

**Fees**

$10.00
## COURSE ASSESSMENT PLAN – 12 BIOLOGY - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
BUILDING

Entry Requirements
24 credits from 11 Building or 24 credits from 11 Engineering or by approval of the Teacher in Charge.

Course Outline / Key Topics Covered
Both practical and related theory activities are required in most units of work. Students will design and make approved projects.

Assessment

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<tr>
<th>Assessment</th>
<th>TOTAL CREDITS - 21 credits</th>
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<td>4 Level 2 Unit Standards</td>
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</table>
  * Work achieved in this programme leads to the BCATS certificate. |

Subject Progression
12 Building leads to Year 13 Building.
  * Entry to 13 Building requires 18 credits from 12 Building or 18 credits from 12 Engineering.

Special Conditions of Subject
Nil.

Fees
$125.00 Cost of materials for projects
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RS - Recommended Standard
SRS - Sector Related Standard
CHEMISTRY

Entry Requirements
- 16 credits from 11 Science, including the Chemistry external AS90944 and 10 credits from 11 Mathematics A or 11 Mathematics Studies.
- 12 Mathematics A or 12 Mathematics Studies is a co-requisite for this subject.

Course Outline / Key Topics Covered
- Performing an acid-base volumetric analysis
- Solving quantitative and qualitative chemical problems
- Relating properties of chemical substances to their chemical structure and their bonding
- Describing the structural formulae and reactions of compounds containing selected organic functional groups
- Describing principles of chemical reactivity
- Describing oxidation-reduction reactions

Assessment
2 Internal Achievement Standards 7 credits
3 External Achievement Standards 13 credits  TOTAL CREDITS - 20 credits
- Some of these standards also contribute towards L 1 Literacy - 13 credits
  and L 1 Numeracy - 4 credits

Subject Progression
12 Chemistry leads to 13 Chemistry.
- Entry to 13 Chemistry requires 2 externally assessed standards and 1 internally assessed standards from 12 Chemistry.
- 13 Chemistry is an Approved Subject for University Entrance.
- This course is recommended for any students who intend to study 13 Chemistry or who intend studying any Science course at University or Polytech. e.g. Health Sciences (Medicine, Pharmacy, Physiotherapy, Nursing etc.), Engineering, Agriculture, Horticulture, Vet, Vet Nursing.

Special Conditions of Subject
- Students are required to purchase a chemistry workbook from the school’s stationery shop - approximate cost is $30.00

Fees
$10.00
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RS - Recommended Standard  
SRS - Sector Related Standard
**COMPUTER SKILLS**

**Entry Requirements**
Open entry

**Course Outline / Key Topics Covered**
- Produce a spreadsheet, presentations and published documents for an office environment
- Manage and protect computer data
- Use and maintain computer peripherals

**Assessment**
5 Internal Unit Standards 15 credits

**Subject Progression**
12 Computer Skills leads to 13 Computer Skills

**Fees**
$25.00
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RS - Recommended Standard
SRS - Sector Related Standard
Design and Visual Communication has been known as Graphics.

**Entry Requirements**
12 credits from 11DVC.

**Course Outline / Key Topics Covered**
12DVC builds on the foundations of 11DVC. It requires more in-depth undertaking of graphics practice, quality freehand and instrumental drawings, and the presentation of design and visual communication techniques. Students will complete design brief based projects in areas of spatial, engineering and media design.

**Assessment**
- 2 Internal Achievement Standards 9 credits
- 2 External Achievement Standards 7 credits

**Subject Progression**
12DVC leads to 13DVC.
- Entry to 13DVC requires 12 credits from 12DVC.
- 13DVC is an Approved Subject for University Entrance.
- The skills learned can be used in design and communication courses at polytechnics and other tertiary institutions.

**Special Conditions of Subject**
Nil.

**Fees**
$25.00
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RS - Recommended Standard  
SRS - Sector Related Standard
DIGITAL TECHNOLOGY

Entry Requirements
Students must have taken 11 Digital Technology and achieved the programming standard AS 91076

Course Outline / Key Topics Covered
• Database development
• Web development
• Computer Science
• Computer programming

Assessment
4 Internal Achievement Standards 12 credits
1 External Achievement Standard (CAT) 4 credits

TOTAL CREDITS - 16 credits

Subject Progression
12 Digital Technology leads to 13 Digital Technology.
• Entry to 13 Digital Technology requires students to have achieved AS91373
• 13 Digital Technology is an Approved Subject for University Entrance.

Special Note: For 2018 onwards Year 12 and 13 Digital Technology will be a BYOD subject and not timetabled into a computer room. If providing your own laptop for 2018 will be an issue, please see Mr Jury prior to enrolling.

Fees
$25.00
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**DRAMA**

**Entry Requirements**
13 credits from 11 Drama, five of which must be from AS90009 or in consultation with the Head of Department.

**Course Outline / Key Topics Covered**
- Practical workshops
- Physical theatre
- Production involvement
- Theatre visits
- History of theatre / theatre form
- Reflection and analysis
- Devising

**Assessment**

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These standards also contribute towards Level 1 Literacy - 14 credits

TOTAL CREDITS – 14 credits

An optional external Achievement Standard is also offered (4 credits). These 4 credits also contribute towards Level 1 Literacy

**Subject Progression**
12 Drama leads to 13 Drama.
- Entry to 13 Drama requires AS91218 (Class Production) and one other standard from 12 Drama.
- 13 Drama is an Approved Subject for University Entrance.

**Special Conditions of Subject**
Extra rehearsal time outside of class time is required during the preparation of the class production.

**Fees**
Nil but students are expected to attend live theatre organised by the department, and they will be required to provide some costuming.
### COURSE ASSESSMENT PLAN – 12 DRAMA - 2018

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Optional Achievement Standard offered:

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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
12 credits from 11 Economics or 11 English A or English Studies.

Course Outline / Key Topics Covered
The course gives students an understanding of the New Zealand economy and, in particular, the economic issues of:
- Inflation
- Unemployment
- Trade
- Economic growth
As well as gaining an appreciation of these issues, students will learn about our economic system and the policies used by Government in the New Zealand economy.

Assessment
2 Internal Achievement Standard 10 credits
3 External Achievement Standards 12 credits

• These standards also contribute towards L1 Literacy - 16 credits

TOTAL CREDITS - 22 credits

Subject Progression
12 Economics leads to 13 Economics.
- Entry to 13 Economics requires 12 credits from 12 Economics or 12 English.
- 13 Economics is an Approved Subject for University Entrance.

Special Conditions of Subject
- The course includes a class trip to Wellington to visit the Trading Rooms, the Reserve Bank and Parliament - approximate cost is $35.00.
- Students will have the opportunity to be involved in New Zealand Business Week.

Fees
$8.00
## COURSE ASSESSMENT PLAN – 12 ECONOMICS - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
ENGLISH A

Entry Requirements
12 credits from 11 English including either AS90849 or AS90852, as well as both AS90851 and AS90854 or at the discretion of the Teacher in Charge.

Course Outline / Key Topics Covered
This programme involves in-depth studies of novels, plays, poetry, short stories and film. It also involves language study and developing writing and critical thinking skills.

Students will:
- Keep a reading log
- Analyse texts and develop detailed response essays
- Participate in oral and visual presentations

Assessment

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<td>These standards also contribute towards L1 Literacy - 21 credits</td>
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TOTAL CREDITS - 18 credits

Subject Progression
12 English A leads to 13 English A or 13 English Studies.
- Entry to 13 English A requires 14 credits from 12 English A.
- Entry to 13 English Studies requires 8 credits from 12 English A.
- English is an Approved Subject for University Entrance

Special Conditions of Subject
Students will need to purchase a course outline and assessment activity booklet from the school’s stationery shop at the beginning of the year.

Fees
$8.00
### COURSE ASSESSMENT PLAN – 12 ENGLISH A - 2018

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Students will be offered two of the following standards

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An optional Internal Achievement Standard

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**RS - Recommended Standard  
SRS - Sector Related Standard**
ENGLISH STUDIES

Entry Requirements
10 credits from 11 English A or from 11 English Studies or with approval of the Teacher in Charge.

Course Outline / Key Topics Covered
Students will read and view a range of different texts. They will also complete writing in a variety of forms.

Assessment
Students will complete four of the five internally assessed standards offered; the fifth is an extension. All are Internal Achievement Standards (the number of credits depends on standards offered)

- These standards also contribute towards L1 Literacy - 15 credits
- At teacher discretion, a further 2 Unit Standards (6 credits) may be offered. These credits do not contribute to University Entrance Reading or Writing, nor do they contribute towards Level 1 Literacy.

TOTAL CREDITS – 15-18 credits

Subject Progression
12 English Studies leads to 13 English Studies or possibly 13 English A.

- Entry to 13 English Studies requires 8 credits from 12 English Studies.
- Entry to 13 English A may be possible on consultation with the Head of English.
- For students who do not gain entry to 13 English Studies but still require literacy for University Entrance, a 13 English Skills semester course is offered.
- English is an Approved subject for University Entrance.

Special Conditions of Subject
Nil.

Fees
$8.00
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RS - Recommended Standard  SRS - Sector Related Standard
Entry Requirements
8 credits from 11 English Studies, or the achievement of all standards offered in 11 English Skills at the discretion of the Teacher in Charge.

Course Outline / Key Topics Covered
Students will read and view a range of different texts. They will also complete writing in all its forms.

Assessment
A number of Achievement Standards and Unit Standards will be offered and tailored to student needs.

Subject Progression
- For students who do not gain entry to 13 English Studies but still require literacy for University Entrance, a 13 English Skills semester course may be offered.

Fees
$8.00
COURSE ASSESSMENT PLAN – 12 ENGLISH SKILLS - 2018

Students will be offered standards tailored to their needs. Assessment may be selected from, but not limited to, the following standards.

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RS - Recommended Standard  
SRS - Sector Related Standard
ENGLISH LANGUAGE LEARNING

Entry Requirements
Students are directed into the course as required.

Course Outline
- Individual programmes to cover key communication skills: speaking, writing, reading, listening.
- Subject support is available during lessons.

Assessment
Assessment offered includes:
- Level 1, 2 or 3 English Language Unit Standards
- IELTS

Subject Progression
12ESL leads to 13 ESL where students may advance their skills.
- IELTS allows entry to specific New Zealand University courses.

Fees
$3.00
COURSE ASSESSMENT PLAN – 12 ENGLISH LANGUAGE LEARNING – 2018

An individual assessment programme could be selected from, but not limited to, the following:

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RS - Recommended Standard  SRS - Sector Related Standard
Entry Requirements
10 credits in 11 Food and Nutrition (Home Economics) or 10 credits from 11 English or by negotiation with the Teacher in Charge.

Course Outline / Key Topics Covered
- Societal factors influencing food choices and health
- Nutritional concerns, specific to New Zealand
- Food for high energy users
- Create a food product by implementing food processing operations
- Health promoting strategies

Assessment
3 Internal Achievement Standards 14 credits
1 External Achievement Standard 4 credits

TOTAL CREDITS - 18 credits

Subject Progression
12 Food and Nutrition leads 13 Food and Nutrition and 13 Food Technology.

Special Conditions of Subject
Nil.

Fees
$20.00 Cost of food prepared and consumed
## COURSE ASSESSMENT PLAN – 12 FOOD AND NUTRITION - 2018

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**Optional standard**

| 91304   | 2.6                 | 1       | EXT      | 4       | RS                            | SRS                | RS                          | SRS               | RS              | SRS                              | Y           | -           | -          | Y          |

RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
10 credits gained from 11 French or by negotiation with the teacher in charge.

Course Outline / Key Topics Covered
The course broadens language study from Year 11.
• Traditional stories
• Youth health issues
• A French speaking community outside France
• Family and friends and latest trends

Tasks:
• Reading short stories
• Creating posters / brochures
• Writing research assignments
• Giving talks and participating in discussions and debates
• Making notes in French and English
• Listening to spoken French and responding in a variety of ways
• Completing computer based activities
• Cultural – Developing a greater understanding of present day life in France

Assessment
3 Internal Achievement Standards 14 credits
2 External Achievement Standards 10 credits

TOTAL CREDITS - 24 credits

Subject Progression
12 French leads to 13 French.
• Entry to 13 French requires 14 credits from 12 French.
• 13 French is an Approved Subject for University Entrance.
Special Conditions of Subject
- Students are required to purchase Renash French Student Booklet - approximate cost is $18.00.
- A French Embassy award will be offered through the DELF examination.

Fees
$6.00

COURSE ASSESSMENT PLAN – 12 FRENCH - 2018
GATEWAY (Structured Workplace Learning) 12GAT

This is a programme that offers Year 12 students the opportunity to trial, in the workplace, their probable career choice. It involves learning and assessment in the workplace as well as school based Unit Standards.

Entry Requirements
Students who wish to apply for a place in this course must meet the following criteria:
- Be working at Level 2 in their other subjects.
- Have 10 Literacy and 10 Numeracy credits.
- Be prepared to attend the First Aid course in the week before school starts.
- Have shown a strong commitment to a particular career choice through previous subject selection, work experience, or career planning e.g. Year 10 Learning and Careers Plan.

Students must make application early in Term 3. They will be interviewed for selection. Acceptance into the course will depend on the availability of a suitable work placement. Students are encouraged to find their own workplace or attempt to approach an employer before their interview.

Course Outline / Key Topics Covered
In class, a selection from
- Practical First Aid
- Career decision making / planning
- Health and safety in the workplace
- Knowledge of diversity in the workplace
- CV preparation

In the workplace (ITO Unit Standards)
- The level and the number of credits offered depends on the workplace and the associated Industry Training Organisation

Assessment
In-school assessment is by internally assessed Unit Standards.
Level 1 Unit Standards 5 credits
Level 2 Unit Standards 10 credits
Level 3 Unit Standard 2 credits
TOTAL CREDITS - 17 credits

Workplace Requirements
It is anticipated that students will work one day per week for 15 weeks. This will depend on the work completed by the student in class and on the workplace.
Subject Progression
This course is intended to lead students into the workplace or to further training such as a pre-apprenticeship course. 13 Gateway is offered to students based on their performance in 12 Gateway.

Special Conditions of Subject
- Students will be interviewed prior to being offered a place in this course.
- During Terms 2 and 3, students will spend one day a week in one workplace. Subjects missed on that day must be caught up in a subsequent Gateway lesson.
- Students taking the Primary Industry course will not be entered in Gateway.

Fees
Nil.

COURSE ASSESSMENT PLAN - 12 GATEWAY - 2018
Students will be offered a selection of Unit Standards from the list below.

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RS - Recommended Standard  SRS - Sector Related Standard
GEOGRAPHY

Entry Requirements
12 credits from 11 Geography, English, History or Media Studies and 10 Level 1 Literacy credits.

Course Outline / Key Topics Covered
- Investigate natural landscapes and inequalities in development, at a local, national and global level
- Geographic skills
- Issues of current concern in which students participate in decision making
- Urban patterns
- Global processes of natural and cultural interest
- Research / field work
- Content covers Africa, Europe as well as New Zealand

Types of Tasks:
- Field work
- Practical skills of mapping, researching and processing information into written reports and visual summaries
- Listening, discussing, observing and analysing information

Assessment
3 Internal Achievement Standards 11 credits
2 External Achievement Standards 8 credits
TOTAL CREDITS - 19 credits
- These standards also contribute towards L1 Literacy - 19 credits, and L1 Numeracy - 5 credits.

Subject Progression
12 Geography leads to 13 Geography.
- Entry to 13 Geography requires 16 credits from 12 Geography or 12 History or 12 English.
- 13 Geography is an Approved Subject for University Entrance.

Special Conditions of Subject
The course also includes a two day field trip to volcanoes in the central North Island - approximate cost is $100.

Fees
$8.00
## COURSE ASSESSMENT PLAN - 12 GEOGRAPHY - 2018

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Students will be assessed against two of the following three internally assessed standards:

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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
16 credits from 11 History or 11 English.

Course Outline / Key Topics Covered
The study of major forces shaping today’s world - nationalism, imperialism and diplomacy. The focus is on world history and its impact on New Zealand.

Types of tasks:
• Selecting and recording information from a variety of sources
• Weighing evidence and recognising different historical interpretations
• Establishing historical relationships
• Forming judgements on the basis of supporting evidence and sound argument
• Discussion and debate of historical issues and their consequences on the modern world

Assessment
3 Internal Achievement Standards 14 credits
1 External Achievement Standard 5 credits
TOTAL CREDITS - 19 credits
• These standards also contribute towards L1 Literacy - 19 credits

Subject Progression
12 History leads to 13 History.
• Entry to 13 History requires 16 credits from 12 History or 16 credits from 12 English.
• 13 History is an Approved Subject for University Entrance.

Special Conditions of Subject
Nil.

Fees
$10.00
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RS - Recommended Standard  
SRS - Sector Related Standard
HORTICULTURE

Entry Requirements
10 Level 1 Literacy and 10 Level 1 Numeracy credits and 12 credits from either 11 Horticulture or 11 Agriculture or by approval of the Teacher in Charge.

Course Outline / Key Topics Covered
- Environmental factors influencing plant growth
- Plant growth and development
- Plant propagation
- Amenity horticulture
- Environmental impacts
- Land capability and use

Assessment
4 Internal Achievement Standards  16 credits
2 External Achievement Standards  8 credits

TOTAL CREDITS - 24 credits

- Not all standards will be offered to all students.
- These standards also contribute towards Level 1 Literacy - 16 credits and Level 1 Numeracy - 4 credits

Subject Progression
12 Horticulture leads to 13 Agricultural and Horticultural Science.
- Entry to 13 Agricultural and Horticultural Science requires 12 credits from 12 Agriculture, 12 Horticulture or 12 Economics.
- 13 Agricultural and Horticultural Science is an Approved Subject for University Entrance.

Special Conditions of Subject
This course includes a field trip - approximate cost is $10.

Fees
$10.00
## COURSE ASSESSMENT PLAN – 12 HORTICULTURE - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
HOSPITALITY AND CATERING

Entry Requirements
Open entry, but previous study in Home Economics or Food Technology is desirable, but not essential. This course is designed for students who wish to gain basic knowledge and skills working with food in the hospitality / catering industry.

Course Outline / Key Topics Covered
• Food Handling – Hygiene and Safety
• Terminology Used in Catering
• Food preparation - cooking and presentation of a range of foods and dishes using a range of techniques
• Preparation of Espresso coffee using commercial equipment
• Pressed and filter coffee

Assessment
10 Internal Unit Standards 24 credits

• In accordance with the Hospitality Standards Institute, credits gained can be credited towards a Level 2 Certificate in Cookery and a Level 2 Certificate of Coffee Appreciation, as well as the NCEA Level 2 Certificate.

Subject Progression
12 Hospitality leads to 13 Hospitality.
• Entry to 13 Hospitality is open.

Special Conditions of Subject
Nil.

Fees
Nil. (STAR Funded)
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RS - Recommended Standard  SRS - Sector Related Standard
**Entry Requirements**
10 credits from 11 Japanese with at least two standards at Merit or by negotiation with the subject teacher.

**Course Outline / Key Topics Covered**

**Topics**
- Family Life
- Eating and Drinking
- Leisure Activities
- The School System

- Each topic covers the skills of reading, listening, writing and speaking.
- Cultural aspects are integrated into the topics.
- Japanese Script: Students are expected and required to learn 57 Kanji for mastery and 68 Kanji for recognition by the end of Year 12.
- Students will be expected to take responsibility for the regular learning of vocabulary, grammar and script.
- With the greater emphasis on oral / aural comprehension, students may have the opportunity to chat to native speakers in Japan via the internet on Skype in some designated class periods.

**Assessment**
2 Internal Achievement Standards 9 credits
1 External Achievement Standards 10 credits TOTAL CREDITS - 19 credits

**Subject Progression**
12 Japanese leads to 13 Japanese.
   1 Entry to 13 Japanese requires 10 credits from 12 Japanese.
   2 13 Japanese is an Approved Subject for University Entrance.
Special Conditions of Subject

- Students are required to purchase Renash Japanese Student Booklet approximate cost is $18.00.

Fees
$6.00

COURSE ASSESSMENT PLAN – 12 JAPANESE - 2018

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RS - Recommended Standard  SRS - Sector Related Standard
**LAND SKILLS**

**Entry Requirements**
This course is intended for students who have completed 11LSK are not entered into the 12 Horticulture, 12 Agriculture or 12 Primary Industries courses.

**Course Outline / Key Topics Covered**
This course continues with slightly more advanced practical gardening skills
Skills covered:
- running a small horticultural business
- propagation from cuttings
- maintaining tools and small engines (lawn mower maintenance)
- planting trees and shrubs
- planting out crops
- caring for nursery crops
- controlling weeds

Extension course (at teacher discretion)
- learning to ride a quad bike safely*

**Assessment**
- Assessment will be of practical skills against a variety of internal Primary ITO unit standards.
- Flexibility in the course structure will allow individual programmes to meet the needs of the students.
  Some standards from the 11 Land Skills courses may be available to students where it is deemed appropriate.

**Subject Progression**
12 Land Skills leads to 13 Land Skills.
**COURSE ASSESSMENT PLAN – 12 LAND SKILLS - 2018**

Assessment will be against practical skills Primary ITO unit standards.

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RS - Recommended Standard  SRS - Sector Related Standard
12 MATHEMATICS

Entry Requirements
15 credits from 11 Mathematics A which must include Merit in both AS91027 (1.2 Algebra) and AS91031 (1.6 Geometric Reasoning) and 10 Level 1 Literacy credits.

Course Outline / Key Topics Covered
This course extends students’ mathematical skills, concepts and understanding of mathematical processes in measurement and calculus, geometry, algebra, statistics and probability.

Assessment
3 Internal Achievement Standards 9 credits
3 External Achievement Standards 13 credits

- These standards also contribute towards L1 Literacy - 4 credits
- and L1 Numeracy - 22 credits

TOTAL CREDITS - 22 credits

Subject Progression
12 Mathematics leads to 13 Calculus, 13 Mathematics and 13 Statistics.
- Entry to 13 Calculus requires 16 credits from 12 Mathematics and must include AS91262 (2.7 Calculus) and AS91261 (2.6 Algebra).
- Entry to 13 Statistics requires 11 credits from 12 Mathematics and must include a Merit in AS91267 (2.12 Probability).
- Entry to 13 Mathematics requires 13 credits from 12 Mathematics and must include AS91259 (2.4 Trigonometry) and AS91267 (2.12 Probability Methods)
- 13 Calculus, 13 Statistics and 13 Mathematics are approved subjects for University Entrance.

Special Conditions of Subject
Students must have a graphics calculator available at all times.

Fees
$8.00
## COURSE ASSESSMENT PLAN - 12 MATHEMATICS - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
12 MATHEMATICS STUDIES

Entry Requirements
13 credits from 11 Mathematics A or 11 Mathematics Studies which must include AS91037 (1.12 Chance and Data) and either AS91027 (1.2 Algebra) or AS91029 (1.4 Linear Algebra) and 10 Level 1 Literacy credits or by negotiation with the Faculty Leader.

Course Outline / Key Topics Covered
This course develops students’ mathematical skills, concepts and understanding of mathematical processes in measurement, trigonometry, probability, and statistics.

Assessment
5 Internal Achievement Standards 14 credits
1 External Achievement Standards 4 credits

• These standards also contribute towards L1 Literacy - 11 credits
  and L1 Numeracy - 18 credits

1 optional Internal Achievement Standard will be offered – 2 credits; contributes towards both Level 1 Literacy and Level 1 Numeracy

Subject Progression
13 Mathematics Studies leads to 13 Mathematics and 13 Statistics.
  • Entry to 13 Mathematics requires 13 credits from 12 Mathematics Studies and must include AS91259 (2.4 Trigonometry) and AS91267 (2.12 Probability Methods)
  • Entry into 13 Statistics requires 11 credits from 12 Mathematics Studies and must include a Merit in AS91267 (2.12 Probability).

  • 13 Statistics and 13 Mathematics Studies are approved subjects for University Entrance.

Special Conditions of Subject
Students must have a graphics calculator available at all times.

Fees
$8.00
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Optional standard offered

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RS - Recommended Standard  SRS - Sector Related Standard
Entry Requirements
From 11 Mathematics A or 11 Mathematics Studies: 10 credits which must include AS91035 (1.10 Multivariate Statistics) or 12 credits from any Mathematics Achievement Standards.

From 11 Mathematics Skills: 10 Numeracy portfolio credits as well as 12 credits from any Mathematics Achievement Standards (credits from Unit Standards are not included).

Course Outline / Key Topics Covered
This course provides students with the opportunity to develop their skills using the more practical aspects of Mathematics. It focuses on using Mathematics in real life situations and allowing students to succeed in Mathematics. Students will develop financial life skills, research skills, an understanding of the relevance of Mathematics for life-long learning, and will use Mathematics in a design process.

Assessment
7 Internal Achievement Standards 18 credits
- These standards also contribute towards L1 Literacy - 9 credits and L1 Numeracy - 18 credits

TOTAL CREDITS - 18 credits

After discussion with the teacher one optional replacement external Achievement Standard is available to those students wishing to progress into a 13 Mathematics course – see note below.

Subject Progression
12 Mathematics Skills may lead to a 13 Mathematics course.
To progress into 13 Mathematics or 13 Statistics students must discuss this with their Maths teacher before the start of Term 3 as they will be required to sit the external AS91267 (2.12 Probability) in place of AS91258 (Sequences and Series) and AS91268 (Simulations).
- Entry to 13 Mathematics requires 13 credits from 12 Mathematics Skills and must include AS91259 (2.4 Trigonometry) and AS91267 (2.12 Probability Methods)
- Entry to 13 Statistics requires 11 credits from 12 Mathematics Skills which must include AS91267 (2.12 Probability Methods).
- 13 Statistics and 13 Mathematics are approved subject for University Entrance.

Special Conditions of Subject
Students must have a graphics calculator available at all times.

Fees
$8.00
## COURSE ASSESSMENT PLAN - 12 MATHEMATICS SKILLS - 2018

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One optional replacement standard required for entry to a 13 Mathematics course

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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
Students must be in 12 English A, or have achieved 3 standards from 11 Media Studies.

Course Outline / Key Topics Covered
• Design and produce a media text – a two page feature article for a magazine of own choice
• Explain the use of narrative (telling of a story) in film
• Undertake a media film genre study e.g. Teenage genre
• Write developed media text for a target audience

Assessment
4 Internal Achievement Standards 17 credits
1 External Achievement standard 4 credits

TOTAL CREDITS - 21 credits

• These standards also contribute towards L1 Literacy - 21 credits

Subject Progression
12 Media Studies leads to 13 Media Studies.
• Entry to 13 Media Studies requires either 3 standards from 12 English A or 3 standards from 12 Media Studies.
• 13 Media Studies is an Approved Subject for University Entrance.
• Media Studies is a subject included in a range of university degrees: Bachelor of Arts, Business Studies, Accountancy and Communication or practical courses preparing students for related industries.

Fees
$25.00 Laminating, student workbooks, planning sheets, magazines
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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements

- Students must be taking lessons to learn an instrument, either through the school itinerant scheme or privately. Students must be working towards at least Grade 4 in theory and performance.
- Students must be involved in at least one of the school-based performance groups.
- or at the discretion of the Head of Department.

Course Outline / Key Topics Covered

Year 12 Music continues the learning undertaken in Year 11 Music.

- Solo performance
- Score reading and theory
- Knowledge of music works
- Composition
- Instrumentation
- Group performance – may only be done in extracurricular music

Assessment

1 Internal Achievement Standard 6 credits
2 External Achievement Standards 10 credits

TOTAL CREDITS - 16 credits

- Extension is offered to students through an additional Composition Achievement Standard (6 credits) or Instrumentation (4 credits).

Subject Progression

12 Music leads to 13 Music.

- Entry to 13 Music requires 3 Music Achievement Standards at Level 2.
- 13 Music is an Approved Subject for University Entrance.

Fees

$20.00 Score reading booklet
$100.00 - $150.00 Instrument hire
$100.00 Instrument/vocal tuition per instrument/vocal
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Optional standards

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RS - Recommended Standard  
SRS - Sector Related Standard
OUTDOOR ADVENTURE

Entry Requirements
- Pre-requisite - Year 11 Outdoor Adventure.
- Due to the nature of this course, places are limited and there will be a selection process. Students applying for a place in the course through subject selection will be contacted by the Teacher in Charge before the end of Term 3, 2016.
- Acceptance into the course is dependent on full payment of the $420.00 course fee prior to the start of the course. Students will be required to obtain suitable outdoor clothing.

Course outline
This course is designed for Year 12 students who took Outdoor Education in Year 11. The Year 12 Outdoor Education course is run in conjunction with the Year 13 Outdoor Leadership course. Students are expected to work together in a team environment and assist each other in the variety of activities.

Key topics for Year 12 students may include:
- Snowboarding
- Snorkelling
- Mountain biking
- Risk management
- Bushcraft
- Kayaking
- Adventure based learning
- Planning and preparation
- Rock climbing
- Abseiling

Assessment
Students will be assessed against a variety of standards from those listed in the table below

TOTAL CREDITS: 18 - 25 credits

Subject progression
Some students may be offered the opportunity to enrol in 13 Outdoor Leadership in 2018.

Special conditions of the subject
An appropriate level of physical fitness is required.

Fees
$420.00 To cover all course costs except food required for trips.
## COURSE ASSESSMENT PLAN - 12 OUTDOOR ADVENTURE – 2018

Individual programmes from the following standards will be negotiated with students.

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RS - Recommended Standard  
SRS - Sector Related Standard
OUTDOOR EDUCATION

Entry Requirements
- Due to the nature of this course, places are limited and there will be a selection process. Students applying for a place in the course through subject selection will be contacted by the Teacher in Charge before the end of Term 3, 2016.
- Acceptance into the course is dependent on full payment of the $420.00 course fee prior to the start of the course. Students will be required to obtain suitable outdoor clothing.

Course outline
This course is designed for Year 12 students who did not take Outdoor Education in Year 11. The Year 12 Outdoor Education course is run in conjunction with the Year 13 Outdoor Leadership course. Students are expected to work together in a team environment and assist each other in the variety of activities.

Key topics for Year 12 students may include:
- Snowboarding
- Snorkelling
- Mountain biking
- Risk management
- Bushcraft
- Kayaking
- Abseiling
- Adventure based learning
- Rock climbing
- Planning and preparation

Assessment
Students will be assessed against a variety of standards from those listed in the table below.

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Subject progression
Some students may be offered the opportunity to enrol in 13 Outdoor Leadership in 2018.

Special conditions of the subject
An appropriate level of physical fitness is required.

Fees
$420.00 To cover all course costs except food required for trips.
Individual programmes from the following standards will be negotiated with students.

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RS – Recommended Standard  
SRS – Sector Related Standard
PHOTOGRAPHY

Entry Requirements
12 Achievement Standard credits from 11 English.

Course Outline / Key Topics Covered
• The student will be technically proficient in using a camera.
• Be able to use with proficiency film scanners, digital cameras and programmes in the Mac suite.
• Have an appreciation of the history and social impact of photography.
• Be able to “picture make” (aesthetics) and initiate a personal evolution of their own work.

Assessment
This is a practical course with theory support.
1 Internal Achievement Standard 4 credits
1 External Achievement Standard 12 credits

TOTAL CREDITS - 16 credits

Subject Progression
12 Photography leads to 13 Photography.
• Entry to 13 Photography requires both AS91322 and AS91317 from 12 Photography.
• 13 Photography is an Approved Subject for University Entrance.

Special Conditions of Subject
• The materials fee is $100.00 for the year - this covers all materials.

Fees
$100.00 Materials
### COURSE ASSESSMENT PLAN – 12 PHOTOGRAPHY - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements

• 16 credits from 11 Science A including the Physics external (AS90940) and 14 credits from 11 Mathematics A.
• 12 Mathematics or 12 Mathematics Studies is a co-requisite.

Course Outline / Key Topics Covered

• Kinematics and dynamics - analysing motion, collisions, projectiles, circular motion, springs, force and energy
• Electricity and electromagnetism - basic principles of electrical circuits, electric fields and electromagnetism.
• Light and waves – reflection, refraction, diffraction, interference, curved mirrors and lenses
• Atomic and nuclear physics

Assessment

2 Internal Achievement Standard 6 credits
3 External Achievement Standards 16 credits

• These standards contribute towards L1 Literacy - 22 credits
  and L1 Numeracy - 16 credits

TOTAL CREDITS - 22 credits

Subject Progression

12 Physics leads to 13 Physics which is a pre-requisite for tertiary study in a number of degrees e.g. Pure Sciences, Engineering, Health Science, Veterinary Science.

• Entry to 13 Physics requires 2 externally assessed standards and 1 internally assessed standard from 12 Physics (13 credits) and 12 credits from 12 Mathematics.
• 13 Physics is an Approved Subject for University Entrance.

Special Conditions of Subject

Students are required to purchase a physics workbook from the school’s stationery shop - approximate cost is $30.00.

Fees

$10.00
## COURSE ASSESSMENT PLAN – 12 PHYSICS - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
PRACTICAL ART

Entry Requirements
Achievement Standards AS90916 and AS90915

Course Outline / Key Topics Covered
• Students work on personal programmes involving a practical study of contemporary (modern) artists and practices. A cultural study component is included. This is a course which studies painting and/or design.
• Types of Tasks - Students are required to submit a portfolio of original works, demonstrating their ability to work in areas of painting and/or design.

Assessment
1 Internal Achievement Standard 4 credits
1 External Achievement Standard 12 credits

TOTAL CREDITS - 16 credits

Subject Progression
12 Practical Art leads to 13 Art Painting and 13 Art Design.
• Entry to 13 Art Design requires 12 credits from 12 Practical Art (AS91321 Painting) or 12 Design (AS91320).

Special Conditions of Subject
Nil.

Fees
$50.00
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RS - Recommended Standard  
SRS - Sector Related Standard
**Entry Requirements**
- 20 credits from 11 Primary Industries or 12 credits from 11 Agriculture or 11 Horticulture and logged farm work experience or by application to the Teacher in Charge.
- Due to the nature of the course, student selection processes and interviews may be required to secure a place in the course in 2017.

**Course Outline / Key Topics Covered (for the agricultural option)**
- Agricultural vehicles and machinery
- Water supply
- Resource maintenance
- Animal handling and treatment
- Livestock welfare
- Health and safety
- If students wish to do Forestry, Equine or Horticulture options, Unit Standards will be chosen in consultation with the employer and the Teacher in Charge

**Assessment**
Three assessment options may be available: Agriculture, Horticulture, Forestry

- Internal Unit Standards (in school) 16 credits
- Work placement offers Unit Standards - up to 38 credits

**Subject Progression**
- Entry to 13 Agricultural and Horticultural Science may be possible by negotiation with the Teacher in Charge.
- At the successful completion of 12 Primary Industries students may qualify for NZ Certificate in Primary Industry Skills Level 2.

**Special Conditions**
- Students will be required to complete work experience one day per week from mid Term 1 to the end of Term 3.
- Students may also be required to complete a prescribed number of days of logged farm work in their own time.
- It is a requirement of the ITO that students are drug tested prior to work experience. This will be co-ordinated by the school.
- Students may not be entered in both 12 Primary Industries and Gateway.
- Students may only enter both 12 Primary Industries and 12 Agricultural Science after consultation with the Teacher in Charge.

**Fees**
Nil.
### COURSE ASSESSMENT PLAN – 12 PRIMARY INDUSTRIES (AGRICULTURE OPTION) - 2018

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**RS** - Recommended Standard  **SRS** - Sector Related Standard
## COURSE ASSESSMENT PLAN – 12 PRIMARY INDUSTRIES (HORTICULTURE OPTION) - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
## COURSE ASSESSMENT PLAN - 12 PRIMARY INDUSTRIES (FORESTRY OPTION) - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
**12 PSYCHOLOGY**

**Entry Requirements**
12 credits from 11 English, 11 Geography, 11 History or 11 Media Studies and 10 Level 1 Literacy credits.

**Course Outline**
- Examine different psychological approaches (psychodynamic, evolutionary, sociocultural and biological) and how they explain behaviour and our motivation to eat
- Group behaviour
- The nature vs nurture debate and how it has changed over time
- Personality
- Group behaviour – why we behave in a certain way in a group
- Ethics – What are they? Why do psychologists have to adhere to ethics? How are ethics different to morals?
- Famous unethical experiments – Harlow’s monkey study, Stanford Prison experiment, Milgrim’s obedience study and many more
- How a psychological experiment is carried out and what it entails.
- Gender stereotypes today – What are they? Why are they around?

**Assessment**

| 4 Internal Achievement Standards | 16 credits |

**TOTAL CREDITS - 16 credits**

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RS - Recommended Standard
SRS - Sector Related Standard
**SCIENCE**

**Entry Requirements**
12 credits from 11 Science A or 16 credits from 11 Science Studies, and 7 credits from 11 English A or 11 English Studies or by approval of the Teacher in Charge.

**Course Outline / Key Topics Covered**
- Ecology
- Practical biological investigations
- Microscope skills
- Chemistry (ions – solution)
- Earth science investigation

**Assessment**
This subject is assessed by Level 2 Achievement Standards from Biology, Chemistry and Earth Science.

5 Internal Achievement Standards  
- 18 credits

Some of these standards also contribute towards L1 Literacy - 8 credits and L1 Numeracy - 4 credits

**Subject Progression**
There is no 13 Science course.

**Special Conditions of Subject**
- Students taking this course must not be enrolled in 12 Biology, 12 Chemistry or 12 Physics.

**Fees**
$10.00
### COURSE ASSESSMENT PLAN – 12 SCIENCE - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
SPEC (SOUTH PACIFIC EDUCATIONAL COURSES) SPEC

Entry Requirements
Staff will recommend students for this course. Recommendations will be given to the Year 11 Dean.

Subject Matter
This programme is based on the key competencies in each learning area or the New Zealand curriculum.

The following key competencies from the National Curriculum are covered:
- Thinking
- Relating to others
- Using language symbols and texts
- Managing self
- Participating and Contributing

Individual challenges are set within a range of choices. Planning how to achieve the goals and reviewing progress are an integral part of the learning.

Assessment
- Students receive a SPEC certificate if they successfully complete the course
- Internal moderation is followed by external moderation as each level is completed.

Learning Outcomes
Students experience self-organisation and take responsibility for their own learning. Their independent work is closely supervised. A wide range of personal skills can be formally recognised.

Fees
$40.00 towards the cost of workbooks
SPORT SCIENCE

Entry Requirements
16 credits from 11 Sport Science and must include AS90963, or at the discretion of the Head of Faculty.

Course Outline / Key Topics Covered
• Anatomy and biomechanics applied to a physical activity
• Safety and risk management to physical activity in the outdoors
• Practical skills in two different sports / physical activities
• Motor skill learning and sports psychology principles to a physical activity
• Physical activity and its relationship with a healthy lifestyle
• Principles and methods of training in relation to physical activity
• Role and significance of physical activity for young people.

Assessment
5 Internal Achievement Standards 19 credits
• Some of these standards also contribute towards L1 Literacy - 16 credits

Subject Progression
12 Sport Science leads to 13 Sport Science or 13 Fitness for Sport.
• Entry to 13 Sport Science requires 14 credits from 12 Sport Science which must include AS91328.
• Entry to 13 Fitness for Sport is open.
• Both 13 Fitness for Sport and 13 Sport Science are Approved Subjects for University Entrance.

Special Conditions of Subject
• Students taking 12 Sport Science may not enter 12 Recreational Physical Education.
• Students need a PE top

Fees
$10.00
$45.00 PE top if required
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RS - Recommended Standard  
SRS - Sector Related Standard
TE REO MĀORI

Entry Requirements
10 credits from 11 Te Reo Māori which must include AS91089 (1.5 Waihanga Tuhinga) and either AS91087 (1.3 Pānui) or AS91088 (1.4 Tuhituhi). By application to the Teacher in Charge, students may be able to have an individual internally assessed Unit Standards programme in Tikanga, Tikanga-a-iwi, Māori Tourism and/or Māori Performing Arts.

Course Outline / Key Topics Covered
- Pānui
- Tuhituhi
- Waihanga Tuhinga
- Kōrero
- Whakarongo

Assessment
2 Internal Achievement Standards 12 credits
1 External Achievement Standard 6 credits

TOTAL CREDITS - 18 credits

Some of these standards also contribute towards L1 Literacy - 12 credits
Some students may be offered an extension – an additional internal standard (4 credits)
An alternative programme may also be offered – 3 standards, 15 credits

Subject Progression
12 Te Reo Māori leads to 13 Te Reo Māori.
- Entry to 13 Te Reo Māori requires 12 credits from 12 Te Reo Māori and must include AS91288 (2.5 Waihanga Tuhinga) and either AS91286 (2.3 Pānui) or AS91287 (2.4 Tuhituhi).
- 13 Te Reo Māori is an Approved Subject for University Entrance.

Special Conditions of Subject
A Reed dictionary is desirable, estimated cost $15.00.

Fees
$6.00
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RS - Recommended Standard  
SRS - Sector Related Standard
TECHNOLOGY ENGINEERING

Entry Requirements
24 credits from 11 Engineering and 10 credits from 11 English and 10 credits from 11 Mathematics or by approval of the Teacher in Charge

Course Outline / Key Topics Covered
To design, and make, using Engineering processes, an approved project(s) e.g. 70cc midi bike.

Assessment
8 Unit Standards 25 credits
• These credits are offered across both 12TEN and 13TEN

TOTAL CREDITS - 25 credits

Subject Progression
12 Engineering leads to 13 Engineering.
• Entry to 13 Engineering requires 21 credits from 12 Engineering.
• This course develops student skills in the use of hand and machine tools with direct application to specific projects recognised by Competenz that will provide entry for a range of Engineering associated apprentice and career programmes.

Special Conditions of Subject
This course includes three competition days at Manfield - the first three days of Term 4.

Fees
• $795.00 (estimated) is the kit price to make the midi bike – this includes the cost of the front forks. This price could be subject to change due to the NZ dollar exchange rate.

• A $522.00 non-refundable deposit (GST inclusive) must be paid before the end of November 2017.
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RS - Recommended Standard  SRS - Sector Related Standard
TECHNOLOGY TEXTILES

Entry Requirements
10 credits from 11 Technology Textiles or 10 credits from 11 English or at the discretion of the Teacher in Charge. An ability to do practical sewing is essential.

Course Outline / Key Topics Covered
- Garment design and pattern making (this may include commercial pattern use)
- Garment construction and tailoring
- Designing for a specific target market or group (This may involve working with a client and presenting a solution to meet their needs – this involves meetings, fittings and receiving feedback. You will individually research, design and construct textile items.)

Assessment
3 Internal Achievement Standards 18 credits
1 External Achievement Standards 3 credits

TOTAL CREDITS - 21 credits

Subject Progression
12 Technology Textiles leads to 13 Technology Textiles.
- Entry to 13 Technology Textiles requires 10 credits from 12 Technology Textiles. An ability to do practical sewing is essential.
- 13 Technology Textiles is an Approved Subject for University Entrance.

Special Conditions of Subject
Nil.

Fees
$20.00 Cost of fabric and notions
# COURSE ASSESSMENT PLAN - 12 TECHNOLOGY TEXTILES - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
10 credits from 11 English; NCEA Level 1 Literacy.
This course does not require knowledge of te reo Māori.

Course Outline / Key Topics Covered
A course will be developed to meet the interests and needs of the students and may include:
- Atua Māori
- Tourism Māori
- Tikanga Māori
- New Zealand Wars
- A Māori Leader
- Māori Performing Arts

Assessment
Up to 5 Unit Standards
- Students may be able to have an individual programme of internally assessed Unit Standards in Tikanga, Tikanga-a-īwi and Māori Tourism and/or Māori Performing Arts.
- Students of Kapa Haka may also enter one further Unit Standard – 10 credits.

TOTAL CREDITS - 17 credits

Subject Progression
There is no 13 Tikanga Māori course. Internal Unit Standards (Māori Tourism and Māori Performing Arts) may be offered in the 13MAO course – refer to the Y13 course booklet for more information.

Special Conditions of Subject
This course may be combined with 13MAO.

Fees
$6.00
# COURSE ASSESSMENT PLAN - 12 TIKANGA MĀORI - 2018

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RS - Recommended Standard  
SRS - Sector Related Standard
TOURISM

Entry Requirements
Open entry.

Course Outline
• World and New Zealand travel destinations and their attractions and activities
• Tourism businesses and the roles within them
• Numeracy skills for tourism
• Tourist characteristics and needs
• Social and cultural impacts of tourism

Assessment
7 Internal Unit Standards 24 credits

TOTAL CREDITS - 24 credits

Subject Progression
12 Tourism leads to 13 Tourism.
• Credits contribute towards the NCEA Level 2 Certificate and form the first year of the two year National Certificate in Tourism (Introductory Skills) Level 2. Students can continue for the second year in 13 Tourism to complete their Certificate.

Special Conditions of Subject
Nil.

Fees
Nil.
## COURSE ASSESSMENT PLAN – 12 TOURISM - 2018

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<th>NQF No.</th>
<th>US level / AS code</th>
<th>Version</th>
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<th>Social &amp; Community Services</th>
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RS - Recommended Standard  
SRS - Sector Related Standard
Entry Requirements
Staff will recommend students for this course. Recommendations will be given to the Special Needs Co-ordinator (SENCO) who will liaise with the Dean to enter students in this course.

Course Outline / Key Topics Covered
This is a predominantly practical course which is individualised for each student.

The course may include:
  • Practical life skills such as cooking for flatting
  • Work experience
  • Constructive use of leisure time
  • Interpersonal skills training
  • Working towards individual goals set at an IEP

Outside agencies such as CCS Disability Action, Enable, Family Planning Association and WINZ may be invited to contribute to the course as the need arises.

Assessment
There is no formal assessment, though feedback to parents / caregivers is provided at both Transition Meetings and IEP meetings.

Learning Outcomes
Students will increase their awareness of the skills they will need as they move from school to life beyond school.

Fees
A contribution towards outings and materials may be requested as the need occurs.