

MIDDLETON GRANGE SCHOOL



SENIOR COLLEGE COURSE BOOK 2020



First & Last Name: _____ Form Class: Year: School: _____

Middleton Grange School

2020



Electronic submission of option choices is the preferred method - using the Kamar web portal at <http://web.kamar.middleton.school.nz/>
 Login details have been emailed to parents/caregivers – not pupils.
 Please **do not** complete this form if you have done it on line.

Options

Circle your intended 2020 year level →

	Year 11	Year 12	Year 13
Compulsory	Christian Studies English - OR – English A ¹ Mathematics Science	Christian Studies English - OR – English A ²	Christian Focus days
Option Choices	Choose 3	Choose 4 or 5	Choose 5 or 6
<p>Complete and edit your choices ONLINE -instructions will be emailed to all parents.... but only if we have a current email address.</p> <p>Otherwise, this form must be completed and returned by....</p> <p>Friday 20 September (Do it online OR complete this form but not both)</p>	Accounting Accounting & Economics for IC Art Business and Economics Chinese Digital Technology: Applications Digital Technology: Comp Science Digital Technology: Media DVC Technology Drama Food and Nutrition French Geography History Music Music: Contemporary Music Physical Education Physical Science Science Spanish Te Reo Māori Textile Technology Workshop Technology	Accounting Art: Design Art: Painting Art: Photography Art Printmaking Biology Business Studies Chemistry Chinese Classical Studies Digital Technology: Applications Digital Technology: Comp Science Digital Technology: Media DVC Technology Drama Early Childhood Education Economics Food and Nutrition French Geography History Maths: Akoranga Maths: Tumu Music Physical Education Physics Spanish Te Reo Māori Textile Technology Tourism & Hospitality Workshop Technology	Accounting Art: Design Art: Painting Art: Photography Art Printmaking Biology Business Studies Chemistry Chinese Christian Studies Classical Studies Digital Technology: Applications Digital Technology: Comp Science Digital Technology: Media DVC Technology Drama Early Childhood Education Economics English English A for (Internationals) Food and Nutrition French Geography History Maths: Calculus Maths: Statistics Maths: Statistics and Mathematics Music Physical Education Physics Spanish Te Reo Māori Textile Technology Tourism & Hospitality Workshop Technology
	<p><i>Please write your choices in order of preference (Circle your preference for English – Years 11 and 12)</i></p> <p><i>If you are choosing to do subjects outside your intended year level please indicate the level you desire to study at e.g. "11 Spanish" "13Music" etc.</i></p>	1. Christian Studies 2. English – choose ONE of: <ul style="list-style-type: none"> • English A³ • English Literature • English General (co-ed class) • English General (girls class) • English General (boys class) • English Communication 3. Mathematics (students will be placed into the appropriate course) 4. Science (students will be placed into the appropriate course) 5. 6. 7.	1. Christian Studies 2. English – choose ONE of: <ul style="list-style-type: none"> • English A¹ • English Literature • English General (co-ed class) • English General (girls class) • English General (boys class) • English Communication 3. 4. 5. 6. 7.
	These are my option choices for next year, listed in order of preference Date ____/____/____ (Sign here) (Parent/Guardian Signature)		
<p>OR - If you are leaving Middleton complete this section only</p>	I am definitely NOT returning to Middleton Grange next year Date ____/____/____ (Sign if you are <i>definitely</i> leaving) (Parent/Guardian Signature)		

¹ English A – for International pupils
² English A – for International pupils
³ English A – for International pupils
⁴ English A – for International pupils

In December course confirmations will be sent out by email to parents or posted to those without email. If you did not get these choices by email, we have not got your current email address.

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WHO'S WHO IN 2020

Principal Mr M Vannoort		Associate Principals Mrs M Cassidy & Mr C Utting	
Head of Primary School Mr R Thompson	Head of Middle School Mr M Barlow	Head of Senior College Mrs R Velluppillai	Director of International College Mrs C Steyn

CONTACT DETAILS

Head of Senior College	Mrs R Velluppillai	ext 787	r.velluppillai@middleton.school.nz
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Tertiary & Vocational Guidance	Mrs N Bailey	ext 732	n.bailey@middleton.school.nz
Year 11 Deans	TBC TBC		
Year 12 Deans	Mr W Judkins Mrs J McLean	ext 917 ext 792	w.judkins@middleton.school.nz j.mclean@middleton.school.nz
Year 13 Deans	Mr G Steyn Miss J Eves	ext 737 ext 767	g.steyn@middleton.school.nz j.eves@middleton.school.nz

Curriculum Leaders & Teachers in Charge

Art	Mrs K Brosnahan	ext 925	k.brosnahan@middleton.school.nz
Business, Accounting, Economics	Miss S Gudsell	Ext 746	s.gudsell@middleton.school.nz
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Geography	Mr D Elder	ext 746	d.elder@middleton.school.nz
DVC Technology	Mr G Bowater	ext 744	g.bowater@middleton.school.nz
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Languages	Mrs Paley	ext 761	a.paley@middleton.school.nz
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Physical Education	Mr A O'Neill	ext 731	a.oneill@middleton.school.nz
Sciences	Mr J Harris	ext 791	j.harris@middleton.school.nz
Workshop	Mr B Agnew	ext 745	b.agnew@middleton.school.nz

SCHOOL OFFICE CONTACTS

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Principal's Secretary	Mrs H Carley	ext 707	h.carley@middleton.school.nz
Property Manager	Mr K Wakeham	ext 702	k.wakeham@middleton.school.nz
Learning Centre	Mrs K McAuley	ext 757	k.mcauley@middleton.school.nz
Librarian	Mrs N Davison	ext 720	n.davison@middleton.school.nz
Guidance Counsellors	Mr M Coleman	ext 715	m.coleman@middleton.school.nz
Guidance Counsellor	Mrs A Aiken	ext 715	a.aiken@middleton.school.nz
Uniform	Mrs R Velluppillai	ext 787	r.velluppillai@middleton.school.nz

INTRODUCTION

This book is designed to help you plan your courses in the Senior College wisely and strategically. All the information you need is contained in this book. Your choices will determine our option structures, so we ask you to consider your selection carefully.

NOTE: Courses offered will depend on sufficient pupil demand.

CHOOSING COURSES

Your education at Middleton Grange involves much more than all that you learn during class time. There are many areas in which you might be involved, including sporting, music, drama, service and social situations. Nevertheless, your choice of courses is of profound importance.

It is vital to choose courses which will give you a satisfying and successful year, and one which will prepare you well for the years ahead.

God is interested in you and the courses you choose, even though at times it is not easy to be clear about His direction for you. The Bible has some useful verses which relate to all this:

“Commit everything you do to the Lord; trust Him to help you do it and He will.” Psalm 37:5

“The peace that Christ gives is to guide you in the decisions you make.” Colossians 3:15 (Living Bible)

WHAT IS MY KINGDOM CALLING?

With the right balance work will be fulfilling



This book will provide you with information about the courses available in the Senior College.

CONSIDER

- KNOW YOURSELF
- KNOW THE OPTIONS
- COMPARE YOUR OPTIONS
- PRAY
- DECIDE & ACT



DO

Investigate the careers areas you might wish to enter.
Check courses and grades required to enter tertiary education.
Keep current with developments in chosen careers areas.

Good places to go for Careers Advice

- Mrs Bailey, the Career Adviser at school – n.bailey@middleton.school.nz
- www.middleton.careerwise.school for all up to date careers news, jobs, scholarships apprenticeship opportunities, links to all the major New Zealand Tertiary Institutions and careers sites such as schoolconnect.co.nz
- www.careers.govt.nz for an extensive Jobs Database and great tools to help you discover your best career option.
- The Course Selection and Mini Careers Expo in Term 3 in the school gym.

MAKING CAREER DECISIONS

1. Know Yourself

Explore who you are and what you bring to a job. List details about your...

Skills and knowledge
Interest and passions
Ambitions

Personal qualities
RIASEC code
Strengths

School subjects- where do you
achieve your best marks?

Values and Motivators: What aspects of a job are most important to you?

E.g. Income, faith, travel, status, leadership, opportunities for learning or advancement, the social/physical work environment, stress levels, hours of work, any other needs or wants?

Academic Ability: How much study are you willing to do? What level of study are you capable of achieving at?
If you are struggling, ask for some help!

2. Know Careers

Start by choosing which industries and types of work you would prefer, then gradually get more specific.

Complete the **Career Quest** questionnaire on Careers.govt.nz (under interactive tools) to find what jobs or industries match your interests. Look for a common theme with your results (e.g. all helping people).

If you don't know enough about a certain job to rule it in or out, find out more using the **Jobs Database** on Careers.govt.nz or visit **JustTheJob.co.nz** for clips on different jobs and industries.

For more ideas, google **UC Career Kit** to see what you can do with a degree in your favourite subject.

Ask questions like...

- What would you be doing most days?
- Does this job suit your skills and personality?
- If you need a tertiary qualification to get the job, will the type of required study suit your abilities?

3. Compare Your Options

Take a look at each option you are still choosing between and ask yourself:

- How well does this option fit with my skills, values, personality and interests (Step 1)?
- Will this option help me develop my skills?
- Does this job have opportunities for me to progress and move into other jobs after a few years?
- How will this option affect the rest of my life? My family, friends, interests and other time commitments?

Make a list of **pros and cons** for each of the option, then rank each item based on how important it is.

Compare job availability information from **Occupation Outlook – download the Free App.**

Try out each option in your mind. **How do you feel about the decision?** Also consider how others will respond to your choice.

It may help to **talk through your options** with your parents, teachers and friends. Pray about it.

4. Decide and Act

Using your evaluation (Step 3), which option do you think will be the best option for you?

Also think about: If you will need to complete tertiary study, **what and where will you study?**

How will you fund your studies? Visit the **Study link** website for information on Student loans and allowances.

Scholarship information can be found using the **School Connect** website (schoolconnect.co.nz/scholarships).

To help you be more certain that you have made the right decision...

- Talk to professionals in your chosen industry
- Get a part time job or other work experience in the industry

You may have a couple of options that you just can't choose between. You may not have to - you may be able to do one now, and one later. Many types of training can lead to a variety of careers, for example management.

PLANNER

If you do not know the answer to any section you should not guess, or leave it out, but find out the information you need from your Dean, Curriculum Leader, teachers or the Tertiary and Vocational Coordinator, or someone else who can advise you.

I hope to...



Do a diploma or certificate course at polytechnic, or some other training.



The training will possibly be in



Get a job immediately



As a



For this I will need Level 1 in.	
1. _____	7. _____
2. _____	8. _____
3. _____	9. _____
4. _____	10. _____
5. _____	11. _____
6. _____	12. _____



For this I will need Level 2 in.	
1. _____	7. _____
2. _____	8. _____
3. _____	9. _____
4. _____	10. _____
5. _____	11. _____
6. _____	12. _____



For this I will need Level 3 in.	
1. _____	7. _____
2. _____	8. _____
3. _____	9. _____
4. _____	10. _____
5. _____	11. _____
6. _____	12. _____



Leave Middleton Grange for a certificate course at polytechnic, or some other training.



Leave Middleton Grange for a job.

THE NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

The NCEA is New Zealand's national qualification for senior secondary pupils and is part of the National Qualifications Framework. It provides the pathway to tertiary education and to workplace training.

It is possible to design a multi-level course (subjects at a mix of Level 1, Level 2, and Level 3) but this should be discussed FIRST with Curriculum Leaders and the year level Dean.

NCEA Year 11	NCEA Year 12	NCEA Year 13
English, Mathematics, Science, Christian Studies + 3 option subjects	English, Christian Studies + 4 or 5 option subjects	5 or 6 option subjects

NCEA Level 1

- All Year 11 pupils take 7 subjects.
- You must take English or English for Internationals A, Mathematics, Science, Christian Studies.
- You must choose 3 additional options.
- Assessment is both Internal and External.
- Assessment may be either Unit Standards or Achievement Standards or a mix of both.

NCEA Level 2

- All Year 12 pupils take 6 or 7 subjects.
- You must take English or Academic English, and Christian Studies.
- You must choose 4 or 5 additional options.
- Prerequisites may apply for entry to Level 2 courses.
- Assessment is both Internal and External.
- Assessment may be either Unit Standards or Achievement Standards or a mix of both.

NCEA Level 3

- There are no compulsory subjects at Level 3, except for Christian Focus Days.
- It is usual for Year 13 pupils to study 5 subjects.
- Year 13 pupils may take courses from Level 1-3.
- Prerequisites may apply for entry to Level 3 courses.
- Year 13 pupils should consider entering Scholarship where appropriate, in consultation with the subject teacher.

HELPFUL GENERAL INFORMATION

- All advanced scientific and technical occupations require Mathematics to NCEA Level 3. You need to continue with Mathematics if you are interested in careers such as Accountancy, Physical Education, Psychology, Medicine, Consumer Science, Health and Physical Sciences.
- If you want to keep a scientific, engineering or medical career open as a possibility, you should take Mathematics, Chemistry and Physics.
- Most Science careers require Biology with Chemistry; or Physics with Chemistry.
- If you are definitely not interested in any of the above careers, you should consider breadth of option choice to keep doors open. The inclusion of Mathematics in your course increases the range of career opportunities which may be open to you.
- Attaining high standards in English and communication skills is essential for some career areas and useful for all.
- Pupils heading in the direction of medical sciences need to remember that an arts course is required.
- If your career interest requires a specific course such as Art, Music, a language, etc then this must be included in your option choices.

Computer Programmes are available in the school library to provide information (and a printout if desired) on various careers, necessary tertiary courses of study, and the institutions that provide such courses.

The Tertiary and Vocational Coordinator will assist with useful information and contacts.

IMPORTANT INFORMATION FOR PUPILS ENTERING YEAR 13

Please note the following:

- Universities have limited entry to some courses. Therefore, even if you have met the minimum requirements, you may not have entry to the courses you wish to take.
- Some programmes, for example fine arts and music, have additional requirements, like an audition, interview or portfolio of work.
- Some commerce, medicine and engineering courses have additional academic requirements.
- IELTS cannot be used for University Entrance. If you have studied at a New Zealand School, you must use NCEA University Entrance minimum literacy.
- International students are required to have at least the same qualifications as a New Zealand born or Native English-speaking pupil.
- Some courses may require more credits for pupils for whom English is their second language.
- Polytechnics and some private providers also offer Diploma and Degree courses, and you need to be aware of their entry requirements.
- Check with the careers staff or your Curriculum Leaders which subjects you should take in Year 13 for further study.

MOST IMPORTANT:

- **You need to check *EARLY* in the year the entry requirements for the course and institution you wish to attend. These are constantly changing at all tertiary institutions.**
- **Do NOT wait until November – you may miss out!**
- **Attend the career information visits and speakers.**
- **See the Tertiary and Vocational Coordinator.**

NCEA – ENDORSEMENTS AND SCHOLARSHIP INFORMATION

NZQA encourages pupils to strive to produce work of a high quality and offers Endorsements to recognise high achievement and to provide challenging but achievable goals. These can be gained across each certificate level and by individual course.

Endorsement of Certificates criteria (for all levels):

NCEA endorsed with Excellence 50 credits at Excellence

NCEA endorsed with Merit 50 credits at Merit OR

50 credits at Merit and Excellence

Note:

- Credits counting towards certificate endorsement may be gained over more than one level but must be gained at the level of the certificate or above **within the same year**.
i.e. Level 2 credits count towards endorsement of Level 1 NCEA.
Level 1 credits will not count towards endorsement of Level 2 NCEA.
- There is no change to the credit criteria for gaining NCEA at each level.
- 'Not Achieved' results for both internally and externally assessed standards will be reported on each pupil's results notice.
- 'Standard not attempted' results for externally assessed standards will also be reported on each pupils' results notice.

Course Endorsement

Provides recognition for pupils who perform exceptionally well in individual courses. Pupils will be recognised with a course endorsement at merit or excellence. **Note:** A 'course' is a coherent programme of learning in a given year.

Criteria (for all levels)

- 14 or more credits at merit or excellence
- At least 3 credits from externally assessed standards and 3 credits from internally assessed standards (3 + 3 rule)
- Physical Education, Religious Studies Level 3, Visual Arts will be exempted from the 3 + 3 rule.
- Pupils must achieve the requisite number of credits in a subject in ONE school year.

NATIONAL QUALIFICATIONS

NCEA Level 1

80 credits

Include:

Literacy and Numeracy:

Literacy:

Minimum 10 credits through

EITHER

Unit Standards – package of 3
literacy unit standards

(all 3 required)

OR

specified Achievement Standards
available through a range of
subjects at a range of levels

Numeracy:

Minimum 10 credits through

EITHER

Unit Standards – package of 3
numeracy unit standards

(all 3 required)

OR

Specified Achievement Standards
– available through a range of
subjects at a range of levels.

NCEA Level 2

80 credits

Include:

Level 1 Literacy and Numeracy

At least 60 credits at Level 2 or
higher and 20 credits at any other
level (these may include credits
which counted towards the Level 1
Certificate)

Pupils should also plan to gain
literacy credits in Level 2 English
(5 Reading & 5 Writing) for their
University Entrance the following
year.

NCEA Level 3

80 credits

Include:

Level 1 Literacy and Numeracy

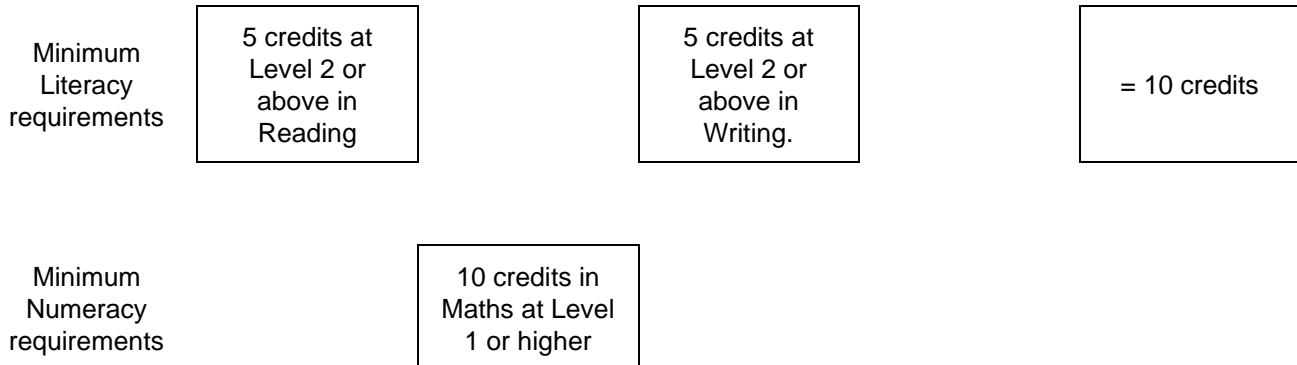
At least 60 credits at Level 3 or
higher and 20 credits at Level 2
or higher (these may include
credits which counted towards
the Level 2 Certificate).

ENTRY TO UNIVERSITY

Due to the complexity of establishing a consistent standard for entry to a NZ University it is important that all pupils are aware of the entry criteria. It may impact on the units of study you choose to include in your course at Level 3.

For NZ Residents

NCEA Level 3 is required for entry into University. This must include at least **14 credits in each of 3 approved subjects** and the literacy and numeracy requirements.



IMPORTANT:

- Courses not on the Approved Subjects list at level 3 will be identified by a hash key (#) beside the course title.

Alternative Entry Pathway

- For pupils who do not achieve entry to university in Year 13 Canterbury University has a Foundation Course (CUP) for non-international pupils.

In addition to gaining a university entrance qualification, pupils need to meet specific criteria. A rank score has been introduced to raise the bar and this is different for each faculty/programme. This is called **GES (Guaranteed Entry Score)** or **RES (Rank Entry Score)**.

How to calculate your GES

Excellence = 4, Merit = 3 and Achieved = 2. Unit standards = 2 points

- **Auckland University:** this varies according to the program; eg 150 points for BA and 250 for Health Science. See website/prospectus.
- **Otago University** uses a two-tiered system:
Preferential (merit/excellence endorsed L2 + UE in Year 13) and
Competitive Entry -the score to aim for is 140 points in Year 13.
- **Victoria University and University of Canterbury use GES.**
The score = 150 for all degrees except Architecture which requires 180.
- **Lincoln University** has not yet introduced a ranking system other than the usual university entry system of the past. See above ** UE
- **Massey University** – Rank Score 140 (Depending on the course)

When making subject choices – a minimum of four UE approved subjects is strongly recommended.

If in doubt, check with Mrs Bailey on an individual basis to see if your situation meets the requirements to enter a chosen university.

Please note: The benchmark is changing all the time and is different for each university. Consult their website for further details.

- ❖ **We may be offering fewer standards due to Government Review and MGS Internal review.**

NEW ZEALAND SCHOLARSHIP

Scholarship is a monetary award that recognises top pupils. It does not attract credits, nor does it contribute towards a qualification; but the fact that a pupil has gained a Scholarship will appear on the Record of Learning.

The assessment for New Zealand Scholarship is standards based (but not using achievement or unit standards) and all assessments are external.

Scholarship is awarded to the best pupils in each of the 33 Scholarship subjects.

Scholarship enables pupils to be assessed against challenging standards and is demanding for the most able pupils in each subject.

A pupil who achieves scholarship will have demonstrated, within complex situations, higher level critical thinking, abstraction and generalisation and the ability to integrate, synthesise and apply knowledge, skills, understanding and ideas; and

Depending on the area of study, a pupil will display a range of:

- Comprehensive content knowledge (breadth and depth)
- Effective communication
- Original or sophisticated solutions, performances or approaches
- Critical evaluation
- Flexible thinking in unfamiliar/unexpected contexts.

If you have achieved numerous standards with excellence throughout your school studies and are doing level 3 standards at school, you may want to be assessed for the New Zealand Scholarship.

Scholarship assessments cover the same content as level 3 achievement standards, so a separate course is not needed. However, individual subjects run a tutorial outside of class time to prepare pupils for the rigour of Scholarship. Scholarship fee of \$30 per subject is in addition to the NCEA fees.

Eligible candidates can defer taking up their monetary rewards for one year. A candidate needs to attain 3 or more Scholarships IN THE SAME YEAR to be eligible for the awards of Scholarship, Outstanding Scholarship, or Premier Scholarship.

Results will show that the Scholarship standard has been achieved (=S).

Assessment and Certification Rules and Procedures for Secondary Schools

The Scholarship Monetary Awards will comprise:

Single Subject Awards	For candidates who get Scholarship in up to two subjects A 'one-off' award of \$500 per subject (maximum payment \$1000)
Top Subject Scholar Award	For candidates who are top in one of the 33 Scholarship subjects \$2,000 each year for up to three years as long as candidates maintain a 'B' grade average in tertiary study
Scholarship Award	For candidates who get Scholarship in three or more subjects \$2,000 each year for up to three years as long as candidates maintain a 'B' grade average in tertiary study
Outstanding Scholar Award	For the top 40-60 candidates. The minimum eligibility requirement to be considered for this award is three Scholarships with at least two at "Outstanding" level or more than three Scholarships with at least one at "Outstanding". The number of recipients for this award is restricted and achieving the minimum requirement will not guarantee an award. \$5,000 each year for three years as long as candidates maintain a 'B' grade average in tertiary study
Premier Award	For the very top 5 to 10 candidates. The minimum eligibility requirement to be considered for this award is at least three Scholarships at "Outstanding" level. The number of recipients for this award is restricted and achieving the minimum requirement will not guarantee an award. \$10,000 each year for up to three years if candidates maintain at least a 'B' grade average in tertiary study

Note

Some subjects at Middleton Grange School offer special classes to prepare pupils for the Scholarship exams. Ask your Curriculum Leader what assistance is offered in the subjects you might consider for the Scholarship award. International fee-paying pupils attending overseas universities are not eligible for the national Scholarship monetary awards. They may enter the examinations and will have their Scholarship success recorded on their Record of Learning.

SUBJECT CHARGES

The cost of delivering the school Curriculum is supported by the parent Special Character Voluntary Donation, school fundraising and International College programme. The school is underfunded by the State to fully deliver a high-quality education that both staff and pupils desire. Because of parent donations etc we can meet the shortfall in funding and graciously encourage you to pay this donation for the benefit of your child.

The school has made every endeavour to impose no subject charges for the Curriculum. Pupils will be able to achieve excellence using the resources the school provides. However, in order to broaden the range of activities, projects and experiences for pupils, there are optional activities, projects and experiences that pupils and families can voluntarily decide to do. These optional activities must be paid for in advance of the event/project taking place. No pupil will be disadvantaged academically by not taking up any optional activity. We do encourage pupils to participate in these activities as they will broaden and deepen their schooling experience.

PHOTOCOPYING / PRINTING

Curriculum Leaders have identified the minimum amount of photocopying required by a pupil to achieve excellence in their subjects. This photocopying credit will be given to pupils on a 'Photocopy Account'. If pupils exceed this amount, then the pupil and family must pay for further printing.

MIDDLETON GRANGE SCHOOL SUBJECTS: YEARS 9-13

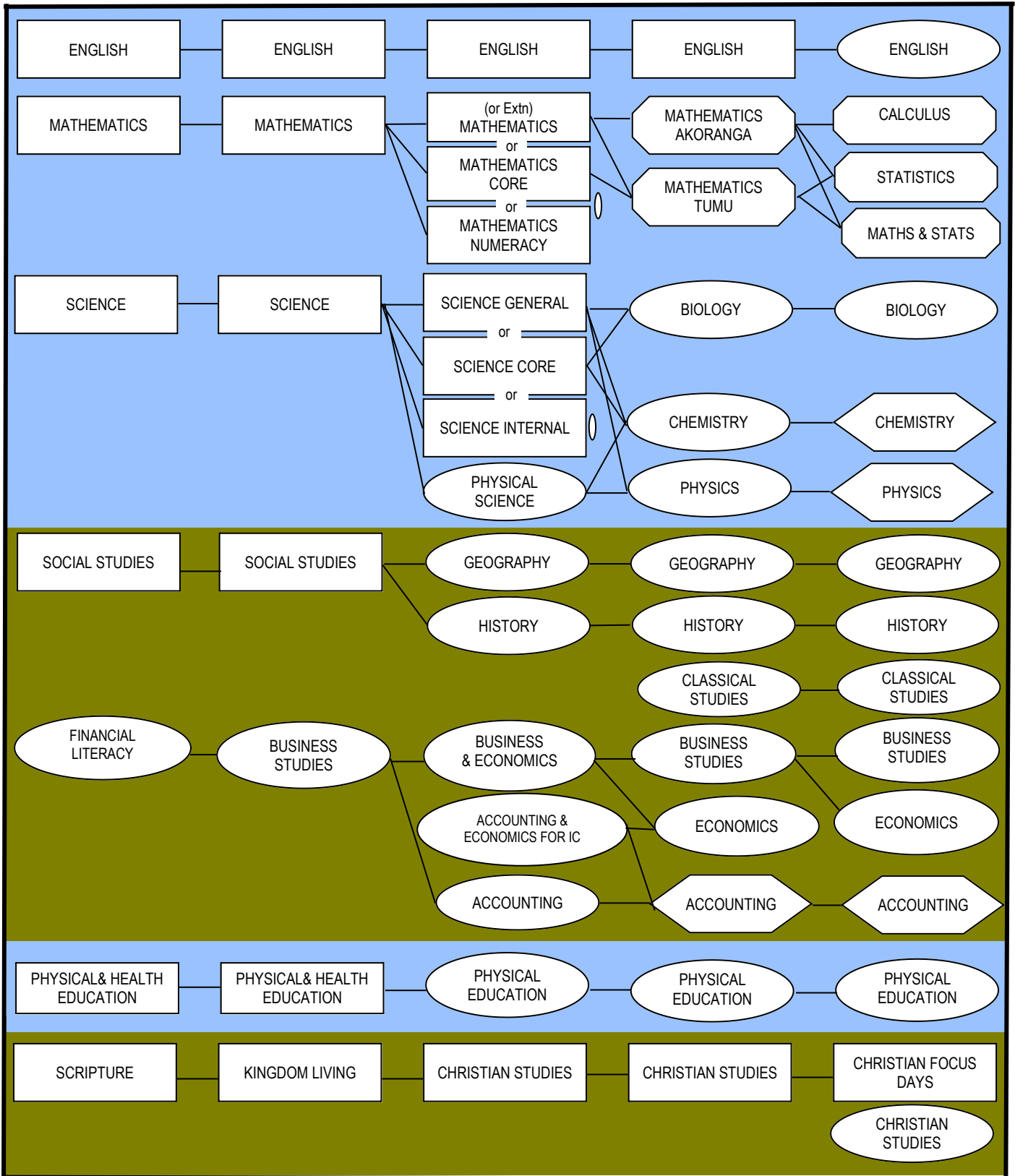
Year 9

Year 10

Year 11

Year 12

Year 13



This diagram is accurate at the time of printing. Subsequent changes may occur as

C
O
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- Compulsory** subject
- Subject **can** be started at this level
- Subject **not recommended** to be started at
- Subject **cannot** be started at this level
- Subject **does not** go beyond this level at

Option Subject viability does depend on enrolments.

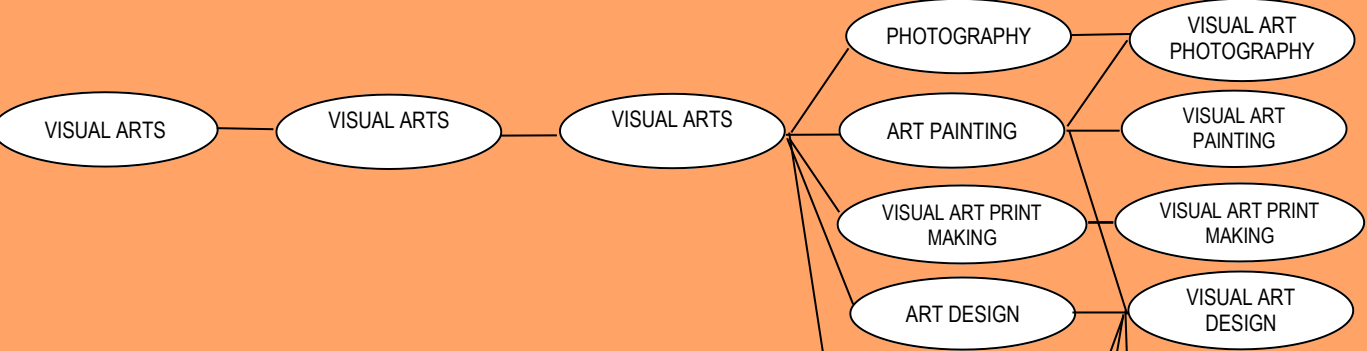
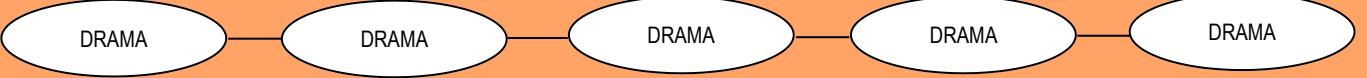
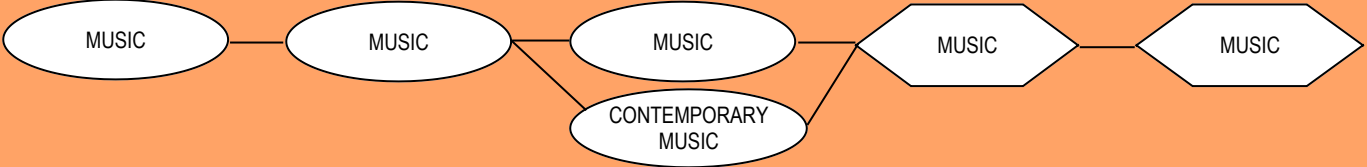
Year 9

Year 10

Year 11


Year 12

Year 13

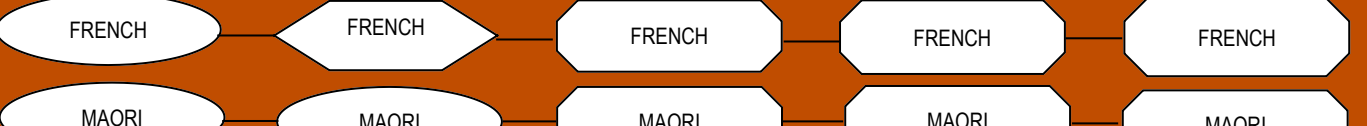


KEYS

Arts 

Technology 

Language 



COURSE DESCRIPTIONS

VISUAL ARTS

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	construction Infrastructure

ART

Level 1

COURSE DESCRIPTION:

There are 2 parts to the course; Part 1: Internal Achievement Standard where pupils research a body of related work and learn technical skills required for part 2 which is the development and production of 2 A1 folio boards of related works on a class theme.

PRE-REQUISITES:

- Nil, but pupils who have studied Art at year 9 and 10, will be at an advantage.

EQUIPMENT REQUIRED:

- Refer to stationery list

ACHIEVEMENT STANDARDS

- 90914 Use drawing methods and skills for recording information using wet and dry media.
- 90916 Produce a body of work informed by established practice, which develops ideas, using a range of media.

No. of Credits

Ext.	Int.
	4
12	

Total No. of Credits

16

ART DESIGN

Level 2

COURSE DESCRIPTION:

There are two parts to the course:

Part 1: 2 x Internal Assessment Standards which prepare pupils for part 2

Part 2: External Achievement Standard. The development and production of 2x A1 folio boards of related works on a theme.

As part of the course pupils complete a course in Illustrator.

PRE-REQUISITES:

- Computer knowledge is beneficial.
- Previous Art education is an advantage.
- Limited places in this course.

SPECIFIC COSTS:

- Photocopy paper and specialty paper for final folio printing.
- Refer to stationary list.

ACHIEVEMENT STANDARDS

- 91310 Use drawing methods to apply knowledge of conventions appropriate to design.
- 91315 Develop ideas in a related series of drawings appropriate to established design practice.
- 91320 Produce a systematic body of work that shows understanding of art making conventions and ideas within design.

No. of Credits

Ext.	Int.
	4
	4
12	

Total No. of Credits

20

ART PAINTING

Level 2

COURSE DESCRIPTION:

There are two parts to the course:

Part 1: 2x Internal Assessment Standards which will prepare pupils for part 2.

Part 2: External Achievement Standard. The development and production of 2 A1 folio boards of related works on a theme chosen by pupil.

PRE-REQUISITES:

- Nil, but pupils who have studied Art will be at an advantage.

EQUIPMENT REQUIRED:

- Refer to Stationery list

ACHIEVEMENT STANDARDS

- 91311 Use drawing methods to apply knowledge of conventions appropriate to painting.
- 91321 Develop ideas in a related series of drawings appropriate to established painting practice. Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.

No. of Credits

Ext.	Int.
	4
	4
12	

Total No. of Credits

20

ART PHOTOGRAPHY**Level 2**

COURSE DESCRIPTION:

Pupils will learn the basics of camera use and compositional skills. The internal component will prepare the pupils to produce a 2 panel A1 external folio.

There are 2 parts to the course:

Part 1: 2 Internal Assessment Standards which prepare pupils for part 2.

Part 2: The development and production of 2x A1 folio boards on theme chosen by pupil. Externally assessed.

As part of the course pupils will complete a course in Photoshop.

PRE-REQUISITES:

- Pupils who have studied Art will be at an advantage.

EQUIPMENT REQUIRED:

- Refer to stationery list
- Photocopy paper and specialty paper for final folio printing.
- Tripod (helpful)
- Locker key bond (refundable) \$20

ACHIEVEMENT STANDARDS**No. of Credits****Ext Int.**

● 91312	Use drawing methods to apply knowledge of conventions appropriate to photography.		4
● 91317	Develop ideas in a related series of drawings appropriate to established photography practice.		4
● 91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography.	12	

Total No. of Credits**20**

ART PRINTMAKING**Level 2**

COURSE DESCRIPTION:**There are two parts to the course:**

Part 1: 2x Internal Assessment Standards which will prepare pupils for part 2.

Part 2: External Achievement Standard. The development and production of 2x A1 folio boards of related works on a theme chosen by pupil.

Offered depending on numbers.

PRE-REQUISITES:

- Level 1 Art would be an advantage.

EQUIPMENT REQUIRED:

- Refer to stationery list
- Photocopy paper and specialty paper for final folio printing.

ACHIEVEMENT STANDARDS**No. of Credits****Ext. Int.**

● 91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking.		4
● 91318	Develop ideas in related series of drawings appropriate to established printmaking practice.		4
● 91323	Produce a systematic body of work that shows understanding of art making conventions and ideas within printmaking.	12	

This course is subject to specialist teacher availability.

Total No. of Credits**20**

ART DESIGN**Level 3**

COURSE DESCRIPTION:**There are two parts to the course:**

Part 1: 2x Internal Assessment Standards which prepare pupils for part 2.

Part 2: External Achievement Standard. The development and production of 3x A1 folio boards of related works on a theme chosen by pupil.

As part of the course pupils complete a course in Illustrator.

PRE-REQUISITES:

- Computer knowledge is beneficial. Previous Art education is an advantage. Limited places.

EQUIPMENT REQUIRED:

- Refer to stationery list
- Photocopy paper and specialty paper for final folio printing.

ACHIEVEMENT STANDARDS**No. of Credits****Ext. Int.**

● 91445	Use drawing to demonstrate understanding of conventions appropriate to design.		4
● 91450	Systematically clarify ideas using drawing informed by established design practice.		4
● 91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.	14	

Total No. of Credits**22**

ART PAINTING**Level 3**

COURSE DESCRIPTION:**There are two parts to the course:**

Part 1: 2x Internal Assessment Standards which will prepare pupils for part 2.

Part 2: External Achievement Standard. The development and production of 3x A1 folio boards of related works on a theme chosen by pupil.

PRE-REQUISITES:

- Level 2 in Photography or Art would be an advantage.
- Entry dependant on ability to reach standard required at this level.

EQUIPMENT REQUIRED:

- Refer to stationery list

ACHIEVEMENT STANDARDS

● 91446	Use drawing to demonstrate understanding of conventions appropriate to painting.		
● 91451	Systematically Clarify ideas using drawing informed by established painting practice.		
● 91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.	14	

No. of Credits**Ext. Int.**

4

4

Total No. of Credits**22**

ART PHOTOGRAPHY**Level 3**

COURSE DESCRIPTION:**There are two parts to the course:**

Part 1: 2 x Internal Assessment Standards which will prepare pupils for part 2.

Part 2: External Achievement Standard which is the development and production of 2x A1 folio boards of related works on theme chosen by pupil.

As part of the course pupils will complete a course in Photoshop.

PRE-REQUISITES:

- Level 2 Achievement in Photography or Art.

EQUIPMENT REQUIRED

- Locker key bond (refundable) charge \$20
- Digital 7mp (or greater) camera with manual override and ability to change the aperture and shutter speed.
- Tripod (helpful)
- Refer to stationery list for paper and printing costs.

ACHIEVEMENT STANDARDS

● 91447	Use drawing to demonstrate understanding of conventions appropriate to photography.		
● 91452	Systematically clarify ideas using drawing informed by established photography practice.		
● 91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.	14	

No. of Credits**Ext. Int.**

4

4

Total No. of Credits**22**

ART PRINTMAKING**Level 3**

COURSE DESCRIPTION:**There are two parts to the course:**

Part 1: 2x Internal Assessment Standards which will prepare pupils for part 2.

Part 2: External Achievement Standard. The development and production of 3x A1 folio boards of related works on a theme chosen by pupil.

Offered depending on numbers.

PRE-REQUISITES:

- Level 2 Art would be an advantage.

EQUIPMENT REQUIRED:

- Refer to stationery list
- Photocopy paper and specialty paper for final folio printing.

ACHIEVEMENT STANDARDS

● 91448	Use drawing to demonstrate understanding of conventions appropriate to printmaking.		
● 91453	Systematically clarify ideas using drawing informed by established printmaking practice.		
● 91458	Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking.	14	

No. of Credits**Ext. Int.**

4

4

Total No. of Credits**22***This course is subject to specialist teacher availability.*

ACCOUNTING, ECONOMICS, BUSINESS

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	construction Infrastructure

ACCOUNTING

Level 1

COURSE DESCRIPTION:

Accounting is the language of business. Accounting skills and knowledge are essential for everyone in today's sophisticated financial environment. Accounting is a required component of most business and finance courses at tertiary level.

Accounting is an essential skill for numerous careers, including the fields of business, management, the government sector and voluntary community organisations.

The Level 1 course gives pupils financial skills in personal accounting, and accounting for small businesses. The course is equally valuable as a one-year stand-alone course or as preparation for study at higher levels.

If you only have room for one Commerce subject in your course, it is best to choose Accounting, because Level 1 Accounting is a crucial pre-requisite for Levels 2 & 3 Economics and Business Studies are easier to begin at those levels.

PRE-REQUISITES:

- Acceptable performance in Year 10 English and Mathematics.

SPECIFIC COSTS:

- Refer to stationery list
- Calculator

ACHIEVEMENT STANDARDS

●●	90977	Process financial transactions for a small business.		
●●	90978	Prepare financial statements for sole proprietors.	5	
●●	90980	Interpret accounting information for sole proprietors.	4	
●●	90982	Demonstrate understanding of cash management for a household, club or small business.		4

No. of Credits

Ext.	Int.
-------------	-------------

Total No of Credits

18

BUSINESS & ECONOMICS

Level 1

COURSE DESCRIPTION:

This course introduces and develops the skills of running your own small business and the basic ideas of how a modern economy like New Zealand's works.

New Zealand has one of the highest per capita rates in the world of small business start-ups each year. However, it is a sad fact that we also have one of the highest business failure rates; over 80% of new businesses close within two years. Many of these failures have tragic financial and social consequences for the business owners and their families.

You will learn essential skills of running your own business. These skills could prevent you from becoming another business failure statistic in the future. With a group of 3-4 other students you will carry out and review your own small business activity. If you make a profit, it's yours to keep, after tax is paid, of course! The tax is donated to micro-credit loans in developing countries. These loans help raise the quality of life for families and villages in some of the poorest countries in the world.

The Economics component provides an introduction to how a modern market economy works. You will understand how economic decisions are made and how New Zealand fits into the world-wide economy.

PRE-REQUISITES:

- Acceptable performance in Year 10 English and Social Studies.

SPECIFIC COSTS:

- Refer to stationery list.
- Calculator
- A small amount of capital will be needed for your business activity
- The amount will depend on the nature of the activity, but it could be as little as \$20. Hopefully this investment will reward you with a profit.

ACHIEVEMENT STANDARDS

●●●	90840	Apply the marketing mix to a new or existing product		
●●	90842	Carry out a product-based business activity with guidance		3
●●●	90983	Demonstrate understanding of consumer choices, using scarcity and/or demand.	4	6
●●●	90986	Demonstrate understanding of how consumer, producer and government choices affect society, using market equilibrium.	5	
●●●	90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy.		3

No. of Credits

Ext.	Int.
-------------	-------------

Total No. of Credits

21

COURSE DESCRIPTION:

This course gives international pupils and introduction to the skills and vocabulary of Accounting and Economics. The course is suitable for internationals in their first or second year of study in New Zealand. It prepares Year 11 pupils for successful study of Year 12 Accounting, Economics and/or Business Studies in the following year. It is also the best subject to take for Year 12 internationals who have not taken Level 1 Accounting or Economics but would like to take one or both these subjects in Year 13 in the following year.

The course focuses on the essential background concepts of Accounting and Economics that are needed to successfully study these subjects in Years 12 and 13. Strong emphasis is placed developing the English vocabulary and reading and writing ability needed for these subjects.

Year 12 pupils could take this subject as well as Year 12 Accounting, Economics or Business Studies.

Although designed for international pupils, this course is also open to domestic pupils.

PRE-REQUISITES:

- None

SPECIFIC COSTS:

- Refer to stationery list.
- Calculator

ACHIEVEMENT STANDARDS

Accounting

●● 91176 Prepare financial information for an entity.

Economics

●●● 90983 Demonstrate understanding of consumer choices, using scarcity and/or demand

●●● 90986 Demonstrate understanding of how consumer, producer and/or government choices affected society, using market equilibrium.

No. of Credits

Ext. Int.

5

4

5

Total No. of Credits

14

ACCOUNTING

Level 2

COURSE DESCRIPTION:

Accounting is the language of business. Accounting skills and knowledge are relevant to everyone in today's sophisticated financial environment Accounting is a required component of most business and finance courses at tertiary level.

Accounting is an essential skill for numerous careers, including the fields of business, management, the government sector and voluntary community organisations.

Level 2 Accounting develops the introductory ideas introduced in Level 1 and covers processing, reporting and interpreting financial information for small to medium sized businesses. We use the MYOB software package to teach and assess Achievement Standard 91175.

Level 2 Accounting is equally valuable as a one-year stand-alone course or as preparation for study at higher levels. Successful completion of Level 2 Accounting is a pre-requisite for Level 3.

Pupils who did not take Level 1 Accounting are welcome but will have some extra catch-up work to do in Term 1.

PRE-REQUISITES:

- 13 credits in Level 1 Accounting or by negotiation with the Curriculum Leader of Commerce (Miss Gudsell).

SPECIFIC COSTS:

- Refer to stationery list.
- Calculator

ACHIEVEMENT STANDARDS

- 91175 Demonstrate understanding of accounting processes using Computer software.
- 91176 Prepare financial statements for small to medium sized sole proprietor business.
- 91177 Interpret financial information for small to medium size sole proprietor businesses.
- 91386 Demonstrate understanding of an inventory subsystem for an entity.
- 91481 Demonstrate understanding of a contemporary accounting issue for decision-making.

No of Credits

Ext

Int.

4

5

4

3

4

Total No. of Credits

20

COURSE DESCRIPTION:

New Zealand has one of the highest per capita rates in the world of small business start-ups each year. However, it is a sad fact that we also have one of the highest business failure rates; over 80% of new businesses close within two years.

The course will give you skills in running your own business. With a group of 2-3 others, you will develop a business plan and run your own small business during the year. This business must benefit community, either local, national or global. This business activity will run throughout the year and counts for almost half the course credits.

You will also develop an understanding of how medium to large sized businesses work in New Zealand.

You will develop skills in running “for profit” businesses but will also develop an appreciation of business as a social enterprise, i.e. how business enterprises can make a real difference to the lives of people and communities.

PRE-REQUISITES:

- NCEA Level 1 or by negotiation with the Curriculum Leader of Commerce (Miss Gudsell).

SPECIFIC COSTS:

- A small amount of capital will be needed for your business activity. The amount will depend on the nature of the activity, but it could be as little as \$30. Hopefully this investment will reward you with a profit.

ACHIEVEMENT STANDARDS

<ul style="list-style-type: none"> ● ● 90844 ● ● 90846 ● 90847 ● 90848 	Demonstrate understanding of how a large business responds to external factors Conduct market research for a new or existing product. Investigate the application of motivation theory on a business. Carry out, review and refine a business activity within a community context with guidance.
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No. of Credits	
Ext.	Int.
4	
	3
	3
	9

Total No. of Credits **19**

ECONOMICS

Level 2

COURSE DESCRIPTION

Economics is the “study of choice”, how individuals, groups and nations choose how to use their scarce resources to satisfy their unlimited needs.

Year 12 Economics introduces the skills and ideas of Economics in the context of the New Zealand economy. You will appreciate how economic decisions are made and how New Zealand fits into the world-wide economy.

The focus is contemporary New Zealand economic issues, including inflation, trade, growth and unemployment.

Economics is relevant to numerous careers, including the fields of business, business, accountancy, political science, the government sector, social science and voluntary community organisations.

PRE-REQUISITES:

- NCEA Level 1 or by negotiation with the Curriculum Leader of Commerce (Miss Gudsell).

SPECIFIC COSTS:

- Refer to stationery list
- Calculator

ACHIEVEMENT STANDARDS

<ul style="list-style-type: none"> ● 91222 ● 91224 91225 91227 	Analyse inflation using economic concepts and models Analyse economic growth using economic concepts and models Analyse unemployment using economic concepts and models Analyse how government policies and contemporary economic issues interact
--	--

No. of Credits	
Ext.	Int.
4	
4	
	4
	6

Total No. of Credits **18**

ACCOUNTING

Level 3

COURSE DESCRIPTION:

Level 3 Accounting gives you financial skills in the context of different types of businesses, including companies and manufacturers.

Accounting is an essential skill for numerous careers, including the fields of business, management, the government sector and voluntary community organisations. Accounting is a required component of most business and finance courses at tertiary level.

Y13 Accounting prepares you for study of accounting, management or finance at university but is equally suitable as background knowledge that will almost certainly benefit you in future life, whatever career path you choose. Opportunity is given for selected students to sit the Scholarship Accounting exam.

PRE-REQUISITES:

- 12 credits from Level 2 Accounting or by approval from the Curriculum Leader of Commerce (Miss Gudsell).

SPECIFIC COSTS:

- Refer to stationery list
- Calculator

ACHIEVEMENT STANDARDS**No. of Credits**
Ext. Int.

- 91406 Demonstrate understanding of company financial statement preparation.
- 91407 Prepare a report for an external user that interprets the annual report of a large New Zealand organisation.
- 91408 Demonstrate understanding of management accounting to inform decision making.
- 91409 Demonstrate understanding of a job cost subsystem for a manufacturing business.

5	5
4	4

Total No. of Credits **18****BUSINESS STUDIES****Level 3****COURSE DESCRIPTION:**

New Zealand has one of the highest per capita rates in the world of small business start-ups each year. However, it is a sad fact that we also have one of the highest business failure rates; over 80% of new businesses close within two years. This course will give you skills in running your own business.

It will also give you an appreciation of how global businesses work. With a group of 2-3 other students you will run your own small business during the year. If you make a profit, it's yours, after tax is paid, of course! The tax is donated to micro-credit loans in developing countries. These loans help raise the quality of life for families and villages in some of the poorest countries in the world.

You will also have the opportunity to enter the national Young Enterprise competition in which your small business competes with other groups of school students throughout New Zealand. Business Studies is a New Zealand-wide NCEA course and fully qualifies for Excellence and Merit endorsements.

PRE-REQUISITES:

- Level 2 NCEA or by negotiation with the Curriculum Leader of Commerce (Miss Gudsell).

OPTIONAL COSTS:

- A small amount of capital will be needed for your business activity.
- The amount will depend on the nature of the activity, but it could be as little as \$40. Hopefully this investment will reward you with a profit.

ACHIEVEMENT STANDARDS**No. of Credits**
Ext. Int.

- 91380 Demonstrate understanding of strategic response to external factors by a global business.
- 91382 Develop a marketing plan for a new or existing product.
- 91384 Carry out, with consultation, an innovative and sustainable business activity.

4	6
	9

Total No. of Credits **19****ECONOMICS****Level 3****COURSE DESCRIPTION:**

A wide-ranging look at the effects of government policy on the NZ markets. An in-depth look into markets and businesses, understanding what lies behind the market curves used at earlier levels.

Y13 Economics is recommended if you are considering further study of law, business, political science or social science. It is equally relevant as a personal insight into how countries' economies and markets work.

Opportunity is given for selected students to sit the Scholarship Economics exam.

PRE-REQUISITES:

- 12 Credits
- Level 2 Economics or by approval from the Curriculum Leader of Commerce (Miss Gudsell).

SPECIFIC COSTS:

- Refer stationery list
- Calculator

ACHIEVEMENT STANDARDS**No. of Credits**
Ext. Int.

- 91399 Demonstrate understanding of the efficiency of market equilibrium.
- 91401 Demonstrate understanding of micro-economic concepts.
- 91402 Demonstrate understanding of government interventions to correct market failures.
- 91403 Demonstrate understanding of macro-economic influences on the NZ economy.

4	5
6	5

Total No. of Credits **20**

CHRISTIAN STUDIES

Level 1

COURSE DESCRIPTION:

The course is compulsory and delivered in two parts:

Biblical Literacy: Old and New Testament structure, time, place.

New Zealand Context: Social Issues

PRE-REQUISITES:

- Nil

SPECIFIC COSTS:

- Nil

90816, 90817 and 90819 are all taught but only one is assessed.

STANDARDS

- 90816 Describe the purpose of a sacred text within a religious tradition.
- 90817 Describe a significant development within a religious tradition.
- 90819 Describe the key beliefs of a religious tradition.

No. of Credits

Ext.	Int.
	6
	6
	6

Total No. of Credits 6

CHRISTIAN STUDIES

Level 2

COURSE DESCRIPTION:

The course is compulsory and delivered in two modules:

Life's Ultimate Questions: This module explores the major religions of the world and examines their answers to the key questions of life compared to the Christian faith.

Worldviews: The second part of the course aims to understand the predominant non-religious worldviews compared to Christianity and how the impact is seen in society today.

PRE-REQUISITES:

- Nil

SPECIFIC COSTS:

- Nil

ACHIEVEMENT STANDARDS

- 90823 Explain the key beliefs within two religious' traditions in relation to a significant religious question.

No. of Credits

Ext.	Int.
	6

Total No. of Credits 6

CHRISTIAN FOCUS DAYS *

Level 3

COURSE DESCRIPTION:

Focus Days will continue, one per term in terms 1- 3 in 2020.

This is a **compulsory** day which provides opportunities for Year 13 pupils to explore a range of relevant issues within a biblical context.

PRE-REQUISITES:

- Nil

OPTIONAL COSTS:

- \$18.50 per Focus Day to cover food

CHRISTIAN STUDIES

Level 3

COURSE DESCRIPTION:

The Year 13 course is an option subject taught across the year (4 periods per week). It is intended to build a strong biblical foundation which strengthens personal faith and also equips pupils to engage confidently with issues that will be faced beyond school.

The course will appeal to those who are seeking to grow in their faith as well as those wanting to acquire credits towards NCEA Level 3. Year 12 pupils should indicate early if they are interested in doing this subject (numbers have been high in recent years).

PRE-REQUISITES:

- Nil, but success in Year 12 Christian Studies and Year 12 English is recommended. Assessments are extended essays.

SPECIFIC COSTS:

- Nil

ACHIEVEMENT STANDARDS

- 90826 Analyse the response of a religious tradition to a contemporary ethical issue.
- 90827 Analyse the key beliefs of a religious tradition and a secular world view in relation to an ultimate question(s).
- 91725 Analyse the meanings in a sacred text within a religious tradition.

No. of Credits

Ext.	Int.
	6
	6
	6

Total No. of Credits 18

DESIGN AND VISUAL COMMUNICATION TECHNOLOGY

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	construction Infrastructure

DESIGN AND VISUAL COMMUNICATION

Level 1

COURSE DESCRIPTION:

The course contains four areas of study:

- Design Process
- Freehand Sketching
- Instrumental Drawing
- Presentation

DVC aims to develop a pupil's ability in drawing, design and presentation.

All assessments are generated through project work that has been completed during the year and comprises both internal and external assessment.

The course leads naturally through to Level 2 DVC and then to either Level 3 DVC or to tertiary study for those who wish to take it further.

ACHIEVEMENT STANDARDS

*A course consisting of at least 18-20 credits will be comprised from a selection of the standards below.

		No. of Credits	
		Ext.	Int.
●●●	91063 Produce freehand sketches that communicate design ideas.	3	
●●●	91064 Produce instrumental, multi view orthographic drawings that communicate technical features of design ideas.	3	
●●●	91065 Produce instrumental paraline drawings to communicate design ideas.	3	
●●●	91066 Use rendering techniques to communicate the form of design ideas.		3
●●●	91067 Use the work of an influential designer to inform design ideas.		3
●●●	91068 Undertake development of design ideas through graphics practice.		6
●●●	91069 Promote an organised body of design work to an audience using visual communication techniques.		4

Total No. of Credits

(see note above)*

DESIGN AND VISUAL COMMUNICATION

Level 2

COURSE DESCRIPTION:

The course is designed to extend skills developed at Level 1. It is delivered through project work consisting of briefs related to either of:

- Product Design
- Spatial Design

All assessments are generated through project work that has been completed during the year and comprises both internal and external assessment.

The course leads naturally through to Level 3 DVC or to tertiary study for those who wish to take it further.

PRE-REQUISITES:

- It is required that pupils have successfully completed a Level 1 DVC course as the work at Level 2 builds on the knowledge and skills acquired in Level 1.

SPECIFIC COSTS:

- No cost

ACHIEVEMENT STANDARDS

*A course consisting of at least 14-18 credits will be comprised from a selection of the standards below.

		No. of Credits	
		Ext.	Int.
●●●	91337 Use visual communication techniques to generate design ideas.	3	
●●●	91338 Produce working drawings to communicate technical details of a design.	4	
●●●	91339 Produce instrumental perspective projection drawings to communicate own design ideas.	3	
●●●	91340 Use the characteristics of a design movement or era to inform own ideas.		3
●●●	91341 Develop a spatial design through graphics practice.		6
●●●	91342 Develop a product design through graphics practice.		6
●●●	91343 Use visual communication techniques to compose a presentation of a design.		4

Total No. of Credits

(See note above)*

COURSE DESCRIPTION:

The course is designed to build on the knowledge and skills developed at Level 2. It is delivered through project work consisting of a brief related to either of:

- Spatial Design
- Product Design

All assessments are generated through project work that has been completed during the year and comprises both internal and external assessment.

The course leads naturally through to tertiary study for those who wish to take it further.

PRE-REQUISITES:

- It is required that pupils have successfully completed a Level 2 DVC course as work at level 3 builds on the knowledge and skills acquired in Level 2.

SPECIFIC COSTS:

- No cost

ACHIEVEMENT STANDARDS

*A course consisting of at least 14-18 credits will be comprised from a selection of the standards below.

No. of Credits

		Ext.	Int.
●●●●	91627	4	
●●●●	91628		6
●●●●	91629		6
●●●●	91630		6
●●●●	91631	6	

Total No. of Credits (See note above)*

DIGITAL TECHNOLOGY

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	construction Infrastructure

At any year Level pupils may select only one computing course.
The only exception is for those pupils doing the CPIT course at Years 12 & 13.

DIGITAL TECHNOLOGY APPLICATIONS (11DTA)

Level 1

COURSE DESCRIPTION:

This Generic Level 1 Unit Standards-based course is 100% internally assessed. It is designed specifically for pupils who need a stepped approach because of language or other difficulties and preference will be given to such pupils.

PRE-REQUISITES:

- Nil









SPECIFIC COSTS:

- No cost unless pupils exceed their printing limit.

UNIT STANDARDS

No. of Credits

Ext Int.

	2792	Produce simple desktop published documents using templates.		2
	5943	Investigate use of digital applications for leisure.		2
	5946	Use computer technology to create and deliver a presentation from given content.		3
	12883	Enter and manage text for generic text and information management.		4
	18734	Create a web page using a template.		2
	18743	Produce a spreadsheet from instructions using supplied data.		2
	18758	Find information using the internet.		2
	25659	Create a web page using a mark-up language with a text editor.		2

Total No. of Credits

19

DIGITAL TECHNOLOGY COMPUTER SCIENCE (11DTC)

Level 1

COURSE DESCRIPTION:

Level1 Computer Science is an Achievement Standards based course designed to provide a solid foundation for careers in computing, especially software engineering, and the study of computing at tertiary Level. It provides the foundation for more advanced courses in computer science in years 12 and 13.

PRE-REQUISITES:

- Nil, however, pupils who enjoy solving computational problems and have achieved good grades in Maths and English will be well suited for entry into this subject.






SPECIFIC COSTS:

- Nil

ACHIEVEMENT STANDARDS

No. of Credits

Ext. Int.

	91878	Develop a design for a digital outcome.		3
	91879	Develop a digital outcome to manage data.		4
	91883	Develop a computer program.		4
	91884	Use basic iterative processes to develop a digital outcome.		6
	91887	Demonstrate understanding of compression coding for a chosen media type.	3	

Total No. of Credits

20

DIGITAL TECHNOLOGY MEDIA (11DTM)

Level 1

COURSE DESCRIPTION:

Level 1 Digital Technology Media is an Achievement Standard based course designed to provide a solid foundation for careers or tertiary study in design and media technologies. It flows into courses at Level 2 and Level 3.

PRE-REQUISITES:

- Nil, however, pupils who have completed Digital Information Technology courses at Years 9 or 10 will be well prepared for entry into Level 1 Digital Technology Media.






SPECIFIC COSTS:

- No costs unless pupils exceed their printing limit.

ACHIEVEMENT AND UNIT STANDARDS

No. of Credits

Ext Int.

	91877	Develop a proposal for a digital outcome.		3
	91880	Develop a digital media outcome.		4
	91884	Use basic iterative processes to develop a digital outcome.		6
	91886	Demonstrate understanding of human computer interaction.	3	
	5946	Use computer technology to create and deliver a presentation from given content.		3

Total No. of Credits

19

#DIGITAL TECHNOLOGY APPLICATIONS (13DTA)***Level 3****COURSE DESCRIPTION:**

This course builds on the Level 2 Digital Technology courses and includes an introduction to software such as Photoshop, Flash Animation Software and Dreamweaver. It targets pupils who need these skills for educational, personal or vocational use.

PRE-REQUISITES:

Nil, however, pupils who have completed a course at Level 2 will be well prepared for entry.

SPECIFIC COSTS: No printing cost unless pupils exceed their printing limits.

UNIT STANDARDS

		No. of Credits	
		Ext.	Int.
}	29785	Use a word processing application to integrate images, spreadsheet and database data into documents.	4
	29788	Develop and evaluate an interactive website for organisational use.	5
	29789	Use a presentation application to produce an interactive multimedia presentation.	3
	29792	Use a desktop publishing application to produce documents.	4
	29793	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief.	5
Information not provided			
Total No. of Credits			21

DIGITAL TECHNOLOGY COMPUTER SCIENCE (13DTC)**Level 3****COURSE DESCRIPTION:**

Level 3 Digital Technology Computer Science is an Achievement Standards based course designed to build on the Level 2 DTC course. This course is designed to provide a solid foundation for careers in computing or the study of computing at tertiary Level.

PRE-REQUISITES:

- Nil, however successful completion of Level 2 Digital Technologies (or some experience of writing modular programmes using the Python programming language) is recommended.
- Good grades in Level 1 and 2 Maths and English will also be very helpful.

SPECIFIC COSTS: Nil

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●●	91609	Undertake project management to support a technological process.	4
	91633	Implement complex procedures to develop a relational database embedded in a specified digital outcome.	6
	91908	Analyse an area of computer science.	3
	91637	Develop a complex computer programme for a specified task.	6
	Total No. of Credits		

DIGITAL TECHNOLOGY MEDIA (13DTM)**Level 3****COURSE DESCRIPTION:**

Level 3 Digital Technology Media is a new **Achievement Standards** based course designed to provide a solid foundation for careers or tertiary study in design and media technologies.

PRE-REQUISITES:

- Nil, however, pupils who have completed a Digital Technology course at Level 2 will be well prepared for entry into Level 3 Digital Technology Media.

SPECIFIC COSTS:

- No printing cost unless pupil exceed their printing limits.

ACHIEVEMENT AND UNIT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●●	91610	Develop a conceptual design considering fitness for purpose in the broadest sense.	6
	91611	Develop a prototype considering fitness for purpose in the broadest sense.	6
	91612	Demonstrate understanding of how technological modelling supports technological development and implementation. (Also, under Textile Technology)	4
}	29788	Develop and evaluate an interactive website for organisational use.	5
	29789	Use a presentation application to produce an interactive multimedia presentation.	3
Information not provided			
Total No. of Credits			24

DRAMA

Level 1

COURSE DESCRIPTION:

Level 1 Drama offers pupils the opportunity to develop and access the 'personal' self rather than the 'vocational' self. Although there is an increasing number of career paths available to the Drama graduate, at this level, the elements of stagecraft, performance, improvisation and play building, which form the core of the course work, find their greatest value in the development and exploration of the person: developing and strengthening the readily transferable skills of:

- public speaking and effective use of voice;
- poise, self- presentation, overcoming anxiety and gaining confidence;
- focus, working with others, accepting responsibility and offering leadership;
- analysis, offering and accepting critique, and recognising key ideas;
- empathy – exploring life from the perspective of another and beginning to understand the complexity of personality.

The Level 1 course explores elements of performance skills and technique, play building, theatre styles, stage craft and drama theory.

ACHIEVEMENT STANDARDS

● 90006	Apply drama techniques in a dramatic context.		
● 90997	Devise and perform a drama.		
● 90999	Select and use features of a drama/theatre form in a performance.		
● 90009	Perform an acting role in a scripted production.		
● 90011	Demonstrate understanding of the use of drama aspects within live performance.	4	

Total No. of Credits

No. of Credits

Ext.	Int.
	4
	5
	4
	5
4	

22

DRAMA

Level 2

COURSE DESCRIPTION:

Level 2 Drama builds on the foundational work begun at Level 1. The course has a strong performance base but does insist that pupils submit written evaluations and preparation notes in support of the presentations associated with each of the achievement standards.

In addition to developing the personal skills of:

- public speaking
- presentation
- focus
- analysis and empathy

the Level 2 course aims to foster pupils' knowledge and ability to use drama techniques and processes, and to develop critical appreciation. It includes both pupils devised and scripted work with a special study of, and performance in, a particular style/ period of drama/theatre.

Pupils must attend at least one live theatrical performance, which will be determined during the year. This will be studied in depth and will form the basis of one section of the externally assessed standard. Drama AS91219

ACHIEVEMENT STANDARDS

Depending upon the skills and interests of the class the course will offer a selection of the standards listed below

● 91213	Apply drama techniques in a scripted context.		
● 91214	Devise and perform a drama to realise an intention.		
● 91217	Examine the work of a playwright.		
● 91218	Perform a substantial acting role in a scripted production.		
● 91219	Discuss drama elements, techniques, conventions and technologies within live performance.	4	

Total No. of Credits

No. of Credits

Ext.	Int.
	4
	5
	4
	5
4	

22

COURSE DESCRIPTION:

This course provides an opportunity for those with aptitude and interest in Drama to explore and develop their skills; be mentored and inspired; and work with those with similar interests.

Performance is an integral part of this course, and participation in school performance opportunities is expected of all Drama pupils.

Course work will focus on aspects of the three broad areas of:

- personal skills development
- performance and stage craft
- dramatic theory and theatre history.

PRE-REQUISITES:

- Although success at Level 2 offers an advantage to pupils working towards standards at Level 3, it is not a requirement.
- The motivated pupil, with some ability and performance experience, picking up curriculum drama at this level, will find the course both challenging and rewarding.

SPECIFIC COSTS:

- Submission for AS91518 requires a pupil to have viewed a live theatre production in the year of the assessment.
- Opportunity to view a live theatre production will be offered should a pupil wish to take advantage of group discount price.

ACHIEVEMENT STANDARDS

Depending upon the skills and interests of the class the course will offer a selection of the standards listed below

		No. of Credits	
		Ext.	Int.
●	91512 Interpret scripted text to integrate drama techniques in performance.		4
●	91514 Demonstrate knowledge	4	
●	91516 Demonstrate understanding of the work of a theatre theorist or practitioner.		4
●	91517 Perform a substantial acting role in a significant production.		5
●	91513 Devise and perform a drama to realise a concept.		5
●	91519 Script a Drama suitable for live performance		5

***91513 OR 91519**

Total No. of Credits 22

ENGLISH

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	construction Infrastructure

There are three separate courses at Level one and two. Year 10 English teachers, or the English CURRICULUM LEADER (Mr Shane McConnell) and Assistant CURRICULUM LEADER (Mrs Cassie Foster) will be happy to provide guidance if required.

ENGLISH (Communication)

Level 1

COURSE DESCRIPTION:

This course aims to develop skills in reading, writing, viewing and presenting, with less emphasis on literature. There will be some study of literature and film. Some additional assistance will be available for pupils in this class via the Learning Centre and/or teacher aides.

PRE-REQUISITES:

NIL

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●●	90849 Show understanding of specified aspect(s) of studied written text(s), using supporting evidence.	4	
OR			
●●●●●	90850 Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence.	4	
●●●●●	90851 Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence.	4	
●●●●●	90854 Form personal response to independently read texts.		4
●●●●●	90855 Create a visual text.		3
●●●●●	90856 Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence.		3
Total No. of Credits		18	

ENGLISH (General) - ENB (Boys' class), ENF (Girls' class), ENM (Mixed Class)

Level 1

COURSE DESCRIPTION:

This is a more general course for development of reading and writing skills, with some study of literature and film. Where options are indicated, these will be at the discretion of the class teacher, up to a total of 18 credits.

PRE-REQUISITES:

Nil

Within Course 2 (General) it is possible to choose a boys' only class, with texts and teaching style designed to suit boys, a girls' only class, with texts and teaching style geared to girls, or a mixed-gender class. Codes for these are ENB (Boys), ENG (Girls), or ENM (Mixed). Please specify the preferred course on the selection sheet.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●●	90849 Show understanding of specified aspect(s) of written text(s), using supporting evidence.	4	
OR			
●●●●●	90850 Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence.	4	
●●●●●	90851 Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence.	4	
●●●●●	90052 Produce creative writing.		3
OR			
●●●●●	90053 Produce formal writing.		3
●●●●●	90852 Explain significant connection(s) across texts, using supporting evidence.		4
OR			
●●●●●	90854 Form personal responses to independently read text, supported by evidence.		4
●●●●●	90856 Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence.		3
Total No. of Credits		18	

ENGLISH (Literature)**Level 1**






COURSE DESCRIPTION:

This will be an academic course geared towards higher English study, and possibly towards Scholarship. It will involve development of advanced reading skills, study of a number of literary texts, and development of creative and formal writing skills.

PRE-REQUISITES:

- Achievement levels in Year 10 will be viewed before entry is allowed into this course.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	90849 Show understanding of specified aspect(s) of studied written text(s), using supporting evidence.	4	
	90851 Show understanding of significant aspects of unfamiliar written text(s) through close reading using supporting evidence.	4	
	90052 Produce creative writing.		3
	90053 Produce formal writing.		3
	90852 Explain significant connection(s) across texts, using supporting evidence.		4
Total No. of Credits		18	

ENGLISH (Communication)**Level 2**






COURSE DESCRIPTION:

This course aims to develop skills in reading, writing, viewing and presenting, with less emphasis on literature. There will be some study of literature and film. Some additional assistance will be available for pupils in this class via the Learning Centre and/or teacher aides. Pupils in this class will also have the option of continuing with Level 1 standards. Achievement standards at Level 2 will be offered up to a total of 18 credits.

PRE-REQUISITES:

- At least 10 credits in reading and writing at Level 1, or by negotiation with the English Curriculum Leader (Mr McConnell).

ACHIEVEMENT STANDARDS

		No of Credits	
		Ext.	Int.
	91098 Analyse specified aspect(s) of studied visual or oral text(s), with supporting evidence.	4	
OR			
	91100 Analyse significant aspects of unfamiliar written text(s) through close reading, using supporting evidence.	4	
	91102 Construct and deliver a crafted oral presentation.		3
	91105 Use information literacy skills to form developed conclusion (s).		4
	91106 Form developed personal responses to independently read texts, supported by evidence		4
Total No. of Credits		15	

**ENGLISH (General) - ENB (Boys' class),
ENF (Girls' class), ENM (Mixed Class)****Level 2**







COURSE DESCRIPTION:

This is a more general course for the development of reading and writing skills, with some study of literature and film. Within this course it is possible to choose a boys' only class, a girls' only class, or a mixed gender class. Codes for this are ENB (Boys'), ENF (Girls'), ENM (Mixed). Please specify the preferred course on the selection sheet. Achievement standards up to a total of 21 credits will be offered in each of these classes.

PRE-REQUISITES:

- At least 10 credits in reading and writing at Level 1, or by negotiation with the English Curriculum Leader (Mr McConnell).

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91098 Analyse specified aspect(s) of studied written text(s), with supporting evidence.	4	
OR			
	91099 Analyse specified aspect(s) of studied visual or oral text(s), with supporting evidence.	4	
	91100 Analyse significant aspects of unfamiliar written text(s) through close reading, using supporting evidence.	4	
	91101 Produce a selection of crafted writing.		6
	91102 Construct and deliver a crafted oral presentation.		3
	91106 Form developed personal responses to independently read texts, supported by evidence.		4
Total No. of Credits		21	






COURSE DESCRIPTION:

An academic course geared towards higher English study, and possibly towards Scholarship. It will involve development of advanced reading skills, the study of a number of literary texts, and development of a range of writing and speaking skills. Achievement standards up to a total of 21 credits will be offered.

PRE-REQUISITES:

- At least 10 credits in reading and writing at Level 1, or by negotiation with the English Curriculum Leader (Mr McConnell)

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91098	Analyse specified aspect(s) of studied written text(s), with supporting evidence.	
	91100	Analyse significant aspects of unfamiliar written text(s) through close reading, using supporting evidence.	
	91101	Produce a selection of crafted writing.	
	91102	Construct and deliver a crafted oral presentation.	
	91104	Analyse significant connections across a range of texts, with evidence from each text.	
Total No. of Credits		21	

ENGLISH

Level 3






COURSE DESCRIPTION:

The Level 3 course will involve study of a range of literature, selected from the best works in the English canon. Pupils must respond critically to a wide range of texts. Contact the English Curriculum Leader (Mr McConnell) or Assistant Curriculum Leader (Mrs Cassie Foster) for further information about courses at this level.

PRE-REQUISITES:

- At least 14 credits at Level 2, of which 6 credits must have been achieved in 2.4 Crafted and Controlled Writing, or by negotiation with the English Curriculum Leader (Mr McConnell).
- Pupils must have completed every assessment in Year 12 to be eligible for this course.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91472	Respond critically to specified aspects of studied written texts, supported by evidence.	
	91474	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence.	
	91475	Produce a selection of fluent and coherent writing which develops, sustains, and structure ideas.	
	91476	Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas.	
	91479	Develop an informed understanding of literature and/or language using critical texts.	
Total No. of Credits		21	

ENGLISH A (4 hours) For International pupils

Level 1 English and Level 2 English Language



COURSE DESCRIPTION:

Level 1 English and Level 2 English Language. This course is designed for International pupils in Year 11, so they can increase their knowledge of English vocabulary and grammar and gain skills in speaking, listening, reading and writing. They will study different kinds of reading texts, study films and learn to write various written texts.

PRE-REQUISITES:

- Pupils are placed in classes according to their results in the pre-entry test.

ACHIEVEMENT and UNIT STANDARDS

		No. of Credits	
		Ext.	Int.
	90856	Show understanding of a visual text through close viewing using supporting evidence. (English Level 1)	
	90857	Construct and deliver an oral text. (English Level 1)	
	27999	Write simple texts on familiar topics. (English Language Level 2)	
	30995	Read and understand simple texts on familiar topics. (English Language Level 2)	
Total No. of Credits		16	

Information not provided

ENGLISH A (5 or 8 hours) For International pupils

Level 2 English and Level 3 English Language


COURSE DESCRIPTION:

Level 2 English and Level 3 English Language
 This course is designed to help International pupils in Year 12 develop their understanding of English grammar: vocabulary, increase their skills in reading, writing, listening and speaking, and begin preparation for minimum literacy requirements for University Entrance.

PRE-REQUISITES:

- Pupils are placed in classes according to their results in the pre-entry test.

ACHIEVEMENT and UNIT STANDARDS

	91099 91106	Analyse specified aspects of studied visual text, supported by evidence. (English Level 2) Form developed personal responses to independently read texts, supported by evidence. (English Level 2)
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No. of Credits	
Ext.	Int.
4	

{ 28068 30997 31027*	<p><i>Begin study of this standard and complete it in 2020</i> Write a connected text on a familiar topic. Read and understand texts on familiar topics. (English language Level 3) Deliver a developed presentation on a familiar topic. (EL Level 3)</p>	5 5 5
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▶ Information not provided

Total No. of Credits 14/19

*(8 hour class only)

***ENGLISH A (6 Hours) for International pupils**

Level 2 English


COURSE DESCRIPTION:

The course aims to prepare International pupils at Year 13 for minimum literacy requirements for University Entrance. It provides skills needed for success in tertiary study.

PRE-REQUISITES:

- Must have sufficient credits from level 2 English A. New pupils are placed according to their performance in the pre-entry test.

ACHIEVEMENT and UNIT STANDARDS – All Standards are English Standards

	91098 91099 91105 91106	Analyse specified aspects of studied written texts. Analyse specified aspects of studied visual texts supported by evidence. Use information literacy skills to form developed conclusions. Form personal responses to independently read texts, supported by evidence.
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No. of Credits	
Ext.	Int.
4	
4	
	4
	4

Total No. of Credits 16

FOOD AND NUTRITION (Home Economics)

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	construction Infrastructure

FOOD AND NUTRITION Level 1

COURSE DESCRIPTION:

Level 1 Food and Nutrition is an Achievement Standard based course, focusing on the nutritional needs of individuals. It is made up of approximately 75% theory and 25% practical classes, with both theory and practical cooking skills being assessed. The programme provides an excellent foundation for Level 2 and 3 Food and Nutrition courses, as well as knowledge of personal health and well-being.





PRE-REQUISITES:

- A basic knowledge of food and nutrition and practical cooking is useful but not essential.

SPECIFIC COSTS:

- Approximately \$130 for food used in practical work.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	90956 Demonstrate knowledge of an individual's nutritional needs.		5
	90957 Demonstrate understanding of societal influences on an individual's food choices and well-being.		5
	90959 Demonstrate knowledge of practices and strategies to address food handling issues.		5
	90961 Demonstrate understanding of how packaging information influences an individual's food choices and well-being.	4	

Total No. of Credits 19

FOOD AND NUTRITION Level 2

COURSE DESCRIPTION:

Level 2 Food and Nutrition is an Achievement Standard based course, focusing on the nutritional needs of individuals and families. Both nutrition knowledge and pupil research are used to investigate food related issues such as Sports Nutrition, Food Security and Sustainability. Links are made between the health and nutrition choices individuals make, and the external factors which influence our well-being. The course is approximately 75% theory and 25% practical classes and provides an excellent foundation for Level 3 Food and Nutrition, and various tertiary study option in health.





PRE-REQUISITES:

- Previous experience in food and nutrition is advantageous but not essential.
- As a large proportion of this course involves internet-based research and report writing, pupils need to bring their own laptop to class.

SPECIFIC COSTS:

- Approximately \$130 for food used in practical work.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91299 Analyse issues related to the provision of food for people with specific food needs.		5
	91300 Analyse the relationship between well-being, food choices and determinants of health.	4	
	91301 Analyse beliefs, attitudes and practises related to a nutritional issue for families in New Zealand.		5
	91302 Evaluate sustainable food related practices.		5

Total No. of Credits 19

*FOOD AND NUTRITION Level 3

COURSE DESCRIPTION:

Level 3 Food and Nutrition is an Achievement Standard based course, focusing on the nutrition, health and well-being needs of New Zealand society. Pupils research a complex food related issues such as the under-consumption of fruit and vegetables, then use health promotion methods to design and take action to address the issue in our community. Pupils also examine food related ethical issues such as intensive food production, and the marketing of energy dense, nutrient poor food directed at children.

PRE-REQUISITES:





- Previous experience in Food and Nutrition at Level 2 is desirable.
- As a large proportion of this course involves internet-based research and report writing, pupils need to bring their own laptop to class.

SPECIFIC COSTS:

- Approximately \$135 for food used in practical work.

This course provides an excellent foundation of various tertiary study options including dietetics, health promotion, nursing and other health professions, social work, early childhood, primary and secondary education, food science, hospitality, applied science, geography and design.

MGS ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91466 Investigate a nutritional issue affecting the well-being of New Zealand society.		5
	91467 Implement an action plan to address a nutritional issue affecting the well-being of New Zealand society.		5
	91468 Analyse a food related ethical dilemma for New Zealand society.		5
	91471 Analyse the influences of food advertising on well-being.	4	

Total No. of Credits 19

CLASSICAL STUDIES

Classical Studies is a multidisciplinary subject focusing on the cultures of ancient Greece and Rome. Classical Studies is the study of the people, places, and events of the classical world and how they influence the modern world. Much of our art, science, literature, law, philosophy, politics and religion comes from ancient Greece and Rome. Classical Studies investigates the history, lifestyle, mythology, art, religion and literature of Greece and Rome. Emphasis is placed on a comparison of the Classical and Biblical worldviews. The course will develop a range of skills that are transferable to the outside world, such as the ability to think critically, research, express yourself clearly and concisely, analyse and present an argument.

CLASSICAL STUDIES

Level 2

COURSE DESCRIPTION:

Year 12 Classical Studies provides an introduction to the Classical World. We study a Greek Epic called the Odyssey and examine ideas and values of the classical world. Significant art and architecture of Ancient Greece is examined. We look at the destruction of Pompeii as a key event in the ancient world. We also study the lasting influence of the classical world on our world today.

PRE-REQUISITES:

- Level 1 Literacy

SPECIFIC COSTS: Nil

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
● 91200	Examine ideas and values of the classical world.	4	
● 91201	Examine the significance of features of work(s) of art in the classical world.	4	
● 91202	Demonstrate understanding of a significant event in the classical world.		4
● 91204	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures.		6

Total No. of Credits 18

CLASSICAL STUDIES

Level 3

COURSE DESCRIPTION:

In year 13 Classical Studies we examine influences exhibited in Roman Art and Architecture and its impact on later cultures. We also look at the life of a fascinating historical figure; Alexander the Great and his ideological beliefs.

PRE-REQUISITES:

- Level 2 Literacy.
- Previous study in Classics is strongly recommended. The Curriculum Leader **must be consulted** before entry at this level will be granted to pupils taking it for the first time.

SPECIFIC COSTS: Nil

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
● 91395	Analyse the significance of a work(s) of art in the classical world.	4	
● 91396	Analyse the impact of a significant historical figure on the classical world.	6	
● 91397	Demonstrate understanding of significant ideology(ies) in the classical world.		6
● 91398	Demonstrate understanding of the lasting influences of classical world on other cultures across time.		6

Total No. of Credits 22

COURSE DESCRIPTION:

Geography is a synthesising subject. It draws on a variety of disciplines to enable pupils to view their world as an integrated whole. It can be pursued as a subject of its own, but a wide range of other subjects can be allied to Geography in order to create powerful tools for future study and work.

Our world faces serious challenges; poverty, human rights abuses, environmental degradation. People trained in Geography make excellent Stewards of God’s creation and can speak knowledgeably into the issues of our day, partnering with God in His redemptive work in the world. The course in Year 11 is deliberately broad, in order to give you a solid foundation of skills and knowledge. Future years build on this foundation and become progressively more focussed.

ACHIEVEMENT STANDARDS

● ● 91007	Demonstrate geographic understanding of extreme natural events.
● ● 91009	Demonstrate geographic understanding of sustainability.
● ● ● 91010	Applying basic geographic skills and concepts.
● ● 91011	Conduct geographic research with direction.
● ● ● 91013	Describe a geographic topic at the global scale.

PRE-REQUISITES:

- None

OPTIONAL COSTS:

- Optional Field trips up to \$80 max
- Refer Stationery List
- Geography 1.4 skills workbook \$27

No. of Credits

Ext. Int.

4	
	3
4	
	4
	3

Total No. of Credits 18

COURSE DESCRIPTION:

Level 2 Geography builds on the knowledge and skills gained at Level 1 and continues to prepare pupils for an active role in partnering God in the work He is doing to restore the world He has redeemed. Therefore, prior study of Geography is advisable, but not strictly required before entering Level 2.

The subject will continue to train you to analyse the world (see it in its parts) and then integrate your understanding (put together the big picture). Inequalities in Development is an exciting focus area specific to this course, and the field trip is an 'over-nighter' to the Craigieburn region.

ACHIEVEMENT STANDARDS

● ● 91242	Demonstrate geographic understanding of differences in development.
● ● ● 91243	Apply geographic skills and concepts.
● ● ● 91244	Conduct geographic research with guidance.
● ● ● 91241	Demonstrate geographic understanding of an urban pattern.
● ● ● 91245	Explain aspects of a contemporary geographic issue.

PRE-REQUISITES:

- Level 1 Literacy
- Previous study in Geography is desirable.

OPTIONAL COSTS:

- Optional field trips -\$100 estimated total
- Geography 2.4 skills workbook \$27

No. of Credits

Ext. Int.

4	
4	
	5
	3
	3

Total No. of Credits 19

COURSE DESCRIPTION:

Level 3 Geography is a demanding subject. A high value is placed on literacy skills, and pupils are expected to conduct some level of independent inquiry in most topics. This is because the challenges we face are varied and complex, and simple solutions will not suffice. Skills and knowledge are applied more rigorously within fewer contexts as we prepare pupils to go out into the world God made and be effective agents of change in a creation He loves. While we maintain a global perspective through an investigation of Slum formation, many of the topics have a contemporary New Zealand setting. Level 3 Geography also offers the possibility of attempting the Scholarship Standard, details of which will be given once the year is under way.

ACHIEVEMENT and UNIT STANDARDS

● ● 91426	Demonstrate understanding of how interacting natural processes shape a NZ environment.
● ● ● 91429	Select and apply Geographic skills and concepts.
● ● 91430	Conduct geographic research with consultation.
● ● ● 91431	Analyse aspects of a contemporary geographic issue.
● ● ● 91432	Analyse aspects of a geographic topic at the global scale.

PRE-REQUISITES:

- Level 2 Literacy
- Previous study in Geography is strongly recommended. The Curriculum Leader **must be consulted** before entry at this level will be granted to pupils taking it for the first time.

OPTIONAL COSTS:

- Geography 3.4 skills workbook \$27

No. of Credits

Ext. Int.

4	
4	
	5
	3
	3

Total No. of Credits 19

HISTORY**Level 1**

COURSE DESCRIPTION:

History is an inclusive discipline which stands at the heart of the Humanities. It trains pupils in the rigours of analysis and in being able to argue logically and communicate clearly.

The Level 1 course looks at 20th Century issues to provide an understanding of ourselves and our world. Topics covered may include:

- Origins of WWII
- Civil Rights in US
- Springbok tour
- Various NZ contexts

PRE-REQUISITES:

- Nil.

OPTIONAL COSTS:

- Optional field trip. Cost approximately \$15.

ACHIEVEMENT STANDARDS

	No. of Credits	
	Ext.	Int.
●●● 91001		4
●●● 91002		4
●●● 91003	4	
●●● 91004		4
● 91005	4	
Total No. of Credits		20

HISTORY**Level 2**

COURSE DESCRIPTION:

The Level 2 course covers the 2 themes of Nationalism and International Relations, and Government and the study of Political and Social Change. Topics are selected from:

- The Russian Revolution (1890-1922)
- Vietnam and Conflict in Indo-China 1945-75
- Invasion of Parihaka 1881

PRE-REQUISITES:

- Level 1 Literacy
- Previous study in History is desirable.

OPTIONAL COSTS:

- Optional Field trip. Approximately \$15

ACHIEVEMENT STANDARDS

	No. of Credits	
	Ext.	Int.
● 91229		4
● 91230		5
● 91231	4	
● 91232		5
91233	5	
Total No. of Credits		23

HISTORY**Level 3**

COURSE DESCRIPTION:

This course is designed to build skills of research, analysis, argument constructing and presentations, as well as giving knowledge an interest period of history. Topics covered are

- Spanish Armada
- The First Crusade 1095 - 1120

PRE-REQUISITES:

- Level 2 Literacy
- Previous study in History is strongly recommended.
- The Curriculum Leader **must be consulted** before entry at this level will be granted to pupils taking it for the first time.

OPTIONAL COSTS:

- Waitangi (\$720 approx.)

ACHIEVEMENT STANDARDS

	No. of Credits	
	Ext.	Int.
●● 91434		5
●● 91435		5
● 91437		5
● 91436	4	
91438	6	
Total No. of Credits		25

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	Construction Infrastructure

CHINESE

Level 1

COURSE DESCRIPTION:

Year 11 Chinese will teach the language and culture through a Flipped Classroom model and a communicative, task-based learning approach, which will provide enjoyment and challenge. Students will be required to watch short videos at home to learn new words and content before coming to class, which will allow for more time in class practicing and using the language in authentic contexts.

Online platforms such as OneNote, eLearn, Quizlet and Language Perfect will be used in class and at home to aid learning.

Topics covered include shopping, travel, health and wellbeing, Chinese festivals and school life. Cultural content will be embedded throughout the course and pupils will be equipped to communicate with Chinese effectively in the 21st Century.

PRE-REQUISITES:

- Pupils must have completed the year 10 course or equivalent.
- Native Chinese speakers can choose this subject

OPTIONAL COSTS:

- \$35 Language in Action (Language Perfect)

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●●	90868 Demonstrate understanding of a variety of spoken Chinese texts on areas of most immediate relevance.	5	
●●●●●	90869 Give a spoken presentation in Chinese that communicates a personal response.		4
●●●●●	98070 Interact using spoken Chinese to communicate personal information, ideas and opinions in different situations.		5
●●●●●	90871 Demonstrate understanding of a variety of Chinese texts on areas of most immediate relevance.	5	
●●●●●	90872 Write a variety of text types in Chinese on areas of most immediate relevance.		5
Total No. of Credits		24	

CHINESE

Level 2

COURSE DESCRIPTION:

Year 12 Chinese will teach the language and culture through a Flipped Classroom model and a communicative, task-based learning approach, which will provide enjoyment and challenge. Students will be required to watch short videos at home to learn new words and content before coming to class, which will allow for more time in class practicing and using the language in authentic contexts.

Online platforms such as OneNote, eLearn, Quizlet and Language Perfect will be used in class and at home to aid learning.

Topics covered include holidays, leisure time, relationships, future dreams, part time jobs, Chinese stories. Cultural content will be embedded throughout the course and pupils will be equipped to communicate with Chinese effectively in the 21st Century.

PRE-REQUISITES:

- Pupils must have completed the year 11 course or equivalent.
- Native Chinese speakers can choose this subject.

OPTIONAL COSTS:

- \$35 Language in Action (Language Perfect)

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●●	91108 Demonstrate understanding of a variety of spoken Chinese texts on familiar matters.	5	
●●●●●	91109 Interact using spoken Chinese to share information and justify ideas and opinions in different situations.		5
●●●●●	91110 Give a spoken presentation in Chinese that communicates information, ideas and opinions.		4
●●●●●	91111 Demonstrate understanding of a variety of written and/or visual Chinese text(s) on familiar matters.	5	
●●●●●	91112 Write a variety of text types in Chinese to convey information, ideas, and opinions in genuine contexts.		5
Total No. of Credits		24	

COURSE DESCRIPTION:

Year 13 Chinese will teach the language and culture through a communicative, task-based learning approach, which will provide enjoyment and challenge. Students will be required to watch short videos at home to learn new words and content before coming to class, which will allow for more time in class practicing and using the language in authentic contexts.

Online platforms such as OneNote, eLearn, Quizlet and NZ Chinese Classroom resources will be used in class and at home to aid learning.

Topics covered include: Technology, media, cultural activities and festivals. On completion of this course, pupils will be equipped to communicate with Chinese effectively in the 21st Century.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●	91533		
	91534	5	3
●●●	91535		6
	91536	5	
●	91537		5
Total No. of Credits			24

PRE-REQUISITES:

- Pupils must have completed the year 12 course or have a prior knowledge of Chinese.
- Native Chinese speakers can choose this subject.

OPTIONAL COSTS:

- \$35 Language in Action (Language Perfect)

FRENCH**Level 1****COURSE DESCRIPTION:**

French continues to be taught communicatively, building skills in reading, writing, listening and speaking. Topics include leisure activities, school, sports, meeting people and friends.

PRE-REQUISITES:

- Pupils must have completed the Year 10 course or equivalent.
- On occasions, a very motivated and able pupil could do Level 1 with only one year of French study behind them (**only by negotiation with the Teacher in Charge of French.**)

OPTIONAL COSTS:

- Recommended: Subscribing to Language Perfect \$24 (Optional)

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
● ● ● ●	90878 Demonstrate understanding of a variety of spoken texts relating to areas of most immediate relevance.	5	
●	90879 Give a spoken presentation in French that communicates a personal response.		4
● ● ●	90880 Interact using spoken French to communicate personal information, ideas and opinions in different situations.		5
●	90881 Demonstrate understanding of a variety of written/visual texts relating to areas of most immediate relevance.	5	
● ●	90882 Write a variety of text types on areas of most immediate relevance.		5
Total No. of Credits		24	

FRENCH**Level 2****COURSE DESCRIPTION:**

French continues to be taught communicatively, building skills in reading, writing, listening and speaking. Topics include relationships, health, my future and leisure.

The number of standards attempted can be negotiated.

PRE-REQUISITES:

- Pupils must have successfully completed Level 1 NCEA French (or equivalent), **or by negotiation with the Teacher in Charge of French.**

OPTIONAL COSTS:

- Recommended: Subscribing to Language Perfect \$24 (Optional)

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●	91118 Demonstrate understanding of a variety of spoken French texts on familiar matters.	5	
● ● ●	91119 Interact using spoken French to share information and justify ideas and opinions in different situations.		5
	91120 Give a spoken presentation in French that communicates information, ideas and opinions.		4
●	91121 Demonstrate understanding of a variety of written and/or visual French text(s) on familiar matters.	5	
	91122 Write a variety of text types in French to convey information, ideas, and opinions in genuine contexts.		5
Total No. of Credits		24	

FRENCH**Level 3****COURSE DESCRIPTION:**

French continues to be taught communicatively, building skills in reading, writing, listening and speaking. Topics may include a region of France, the environment, social issues and getting a job

PRE-REQUISITES:

- Successful completion of Level Two NCEA French (or equivalent).
- **If in doubt, see the Teacher in Charge of French.**

OPTIONAL COSTS:

- Recommended: Subscribing to Language Perfect \$24 (Optional)

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●	91543 Demonstrate understanding of a variety of extended spoken French texts.	5	
	91544 Give a clear spoken presentation in French that communicates a critical response to stimulus material.		3
● ● ●	91545 Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations.		6
●	91546 Demonstrate understanding of a variety of extended written and /or visual French texts.	5	
	91547 Write a variety of text types in clear French to explore and justify varied ideas and perspectives.		5
Total No. of Credits		24	

SPANISH**Level 1**

COURSE DESCRIPTION:

Spanish continues to be taught communicatively, building skills in reading, writing, listening and speaking. Topics include shopping, health, city life, meeting people.

PRE-REQUISITES:

- Pupils must have completed the Year 10 course or equivalent.
- On occasions, a very motivated and able pupil could do Level 1 with only one year of Spanish study behind them (**only by negotiation with the Teacher in Charge of Spanish**).

OPTIONAL COSTS:

- Vocabulary/grammar book approximately \$20 (Recommended)
- Language Perfect \$22 (Recommended)

ACHIEVEMENT STANDARDS

		No. of Credits		
		Ext.	Int.	
●●●●	90908	Demonstrate understanding Spanish of a variety of spoken texts relating to areas of most immediate relevance.	5	
●	90909	Give a spoken presentation in Spanish that communicates a personal response.		4
●●●	90910	Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations.		5
●	90911	Demonstrate understanding of a variety of written/visual texts relating to areas of most immediate relevance.	5	
●●	90912	Write a variety of text types on areas of most immediate relevance.		5
Total No. of Credits			24	

SPANISH**Level 2**

COURSE DESCRIPTION:

Spanish continues to be taught communicatively, building skills in reading, writing, listening and speaking. Topics include media, sport, work, relationships, my future and travel.

The number of standards attempted can be negotiated.

PRE-REQUISITES:

- Pupils must have successfully completed Level 1 NCEA Spanish (or equivalent), or by negotiation with the Teacher in Charge of Spanish.

OPTIONAL COSTS:

- Language Perfect \$22 (Recommended)

ACHIEVEMENT STANDARDS

		No. of Credits		
		Ext.	Int.	
●●	91148	Demonstrate understanding of a variety of spoken texts on familiar matters.	5	
●●●	91149	Interact using spoken Spanish to share information and justify ideas and opinions in different situations.		5
	91150	Give a spoken presentation in Spanish that communicates information, ideas and opinions.		4
●	91151	Demonstrate understanding of a variety of written and/or visual Spanish text(s) on familiar matters.	5	
	91152	Write a variety of text types to convey information ideas and opinions in genuine contexts.		5
Total No. of Credits			24	

SPANISH**Level 3**

COURSE DESCRIPTION:

Spanish continues to be taught communicatively, building skills in reading, writing, listening and speaking. Topics include The Environment, religion, Latin American Governments and Hispanic links with New Zealand.

PRE-REQUISITES:

- Pupils must have successfully completed Level 2 NCEA.

OPTIONAL COSTS:

- Language Perfect \$24(Recommended)

ACHIEVEMENT STANDARDS

		No. of Credits		
		Ext.	Int.	
●	91568	Demonstrate understanding of a variety of extended spoken Spanish texts	5	
	91569	Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material.		3
●●●	91570	Interact clearly using spoken Spanish to explore and justify varied ideas and perspectives in different situations.		6
	91571	Demonstrate understanding of a variety of extended written and/or visual Spanish texts.	5	
●	91572	Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives		5
Total No. of Credits			24	

















COURSE DESCRIPTION:

Level 1 Māori builds upon the language structures, vocabulary and customs learned in previous years, and prepares pupils for the reading, writing and listening requirements of Achievement Standard assessments. This course has both internal and external assessments.

Application and diligence in learning grammar and vocabulary are required for progress to be made. Pupils will gain a deeper understanding of the taha Māori (Māori aspect) of our nation.

A maximum of 24 credits will be available for this course.

ACHIEVEMENT STANDARDS

				91085	Whakarongo (listening)
				91087	Pānui (reading)
				91088	Tuhituhi (writing)
				91089	Waihanga Tuhinga (crafted writing)

PRE-REQUISITES:

- Competence at Year 10 Māori or by negotiation with the Curriculum Leader of Māori

OPTIONAL COSTS:

- Optional Day trips
- Optional overnight Marae visit – approximately \$150
- (Optional) Māori Dictionary

No. of Credits

Ext.	Int.
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












Total No. of Credits	24
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TE REO MĀORI**Level 2****COURSE DESCRIPTION:**

This course is internally and externally assessed and continues to build upon the language structures, customs and vocabulary learned in Level 1.

A maximum of 22 credits will be available for this course.

ACHIEVEMENT STANDARDS

				91284	Whakarongo (listening)
				91286	Pānui (reading)
				91287	Tuhituhi (Writing)
				91288	Waihanga tuhinga (crafted writing)

PRE-REQUISITES:

- Pass in Level 1 Māori or by negotiation with the Curriculum Leader of Maori.

OPTIONAL COSTS:

- Optional Day trips
- Optional overnight Marae visit – approximately \$150
- (Optional) Māori Dictionary

No. of Credits

Ext.	Int.
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6	
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
















Total No. of Credits	22
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TE REO MĀORI**Level 3****COURSE DESCRIPTION:**

This course will be internally and externally assessed and continues to build upon the language structures, customs and vocabulary learned in Level 2.

A maximum of 22 credits will be available for this course

ACHIEVEMENT STANDARDS

					91650	Whakarongo (listening)
					91652	Pānui (reading)
					91653	Tuhituhi (writing)
					91654	Waihanga tuhinga (crafted writing)

PRE-REQUISITES:

- Pass in Level 2 Māori or by negotiation with the Curriculum Leader of Maori.

OPTIONAL COSTS:

- Optional Day trips
- Optional overnight Marae visit – approximately \$150
- (Optional) Māori Dictionary

No. of Credits

Ext.	Int.
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	4
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6	
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6	
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	6
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Total No. of Credits	22
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MATHEMATICS AND STATISTICS

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	Construction Infrastructure

MATHEMATICS – Extension

Level 1

COURSE DESCRIPTION:

This course is for the top Mathematics pupils in Year 11. The course aims to develop higher level thinking and extension in all topics.

The extension course will do Level 1 Standards (as shown in 11 Maths) and a selection of 1 or 2 Level 2 Standards as appropriate to the class. Pupils are selected for this course based on their performance in Year 10, placement tests and teacher recommendations.

PRE-REQUISITES:

- Suitable for the top 15% of pupils. The Curriculum Leader, with the assistance of class teachers, selects the pupils for this course.

SPECIFIC COSTS:

- Scientific calculator, Casio fx-82. A graphics calculator, Casio fx-9750G plus, can be used for NCEA assessments and is required in Year 12 Maths.
- Education Perfect approx. \$20
- Small charges for the National and International Mathematics competitions which pupils are encouraged to enter.

MATHEMATICS

Level 1

COURSE DESCRIPTION:

This course covers a broad range of topics including Algebra, Number, Geometry and Statistics. This course is for pupils who are competent in Mathematics and who intend to continue their study in Year 12 and possibly Year 13.

In Terms 3 and 4 2019, teachers will have discussions with pupils about whether this course is appropriate for them.

NOTE: Pupils must gain 10 credits to achieve NCEA Numeracy at Level 1. It may be necessary for one or two Standards to change in the best interests of pupils.







PRE-REQUISITES:

- Suitable for about 60% of pupils. The Curriculum Leader, and class teachers will advise pupils on whether this is an appropriate course for them.

SPECIFIC COSTS:

- Scientific calculator (preferably a Casio fx-82)
- Pupils are at an advantage having a graphics calculator (Casio fx-9750G plus), which is essential for any Year 12 Mathematics course in the following year
- Education Perfect approx. \$20

ACHIEVEMENT STANDARDS

	91026	Apply numeric reasoning in solving problems.
	91027	Apply algebraic procedures in solving problems.
	91028	Investigate relationships between tables, equations and graphs.
	91029	Apply linear algebra in solving problems.
	91031	Apply geometric reasoning in solving problems.
	91037	Demonstrate understanding of chance and data.

No. of Credits

Ext.	Int.
	4
4	
	3
4	
4	

Total No. of Credits **23**

MATHEMATICS - Core

Level 1

COURSE DESCRIPTION:

This course covers a broad range of topics but has less emphasis on the complex, external topics with more emphasis on internals. Pupils will develop the necessary skills and thinking to progress to 12 Mathematics Tumu and then on to 13 Statistics or 13 Maths & Stats if they wish.

This course is designed for those pupils who find some aspects of Mathematics challenging but have still experienced some success and prefer the option of more internal assessments than externals.

In Terms 3 and 4 2019, teachers will have discussions with pupils about whether this course is appropriate for them. Possibility of one External in order to gain endorsement.

PRE-REQUISITES:

- Suitable for pupils who would like to continue studying Mathematics at Levels 2 and 3 but who have had some difficulties in the past.
- The Curriculum Leader and classroom teachers will advise pupils on whether this is an appropriate course for them.

SPECIFIC COSTS:

- Scientific calculator, Casio fx-82.
- Pupils are at an advantage having a graphics calculator, preferably a Casio fx-9750G plus and this is essential for any Year 12 Mathematics course.

ACHIEVEMENT STANDARDS



91026	Apply numeric reasoning in solving problems.
91029	Apply linear algebra in solving problems.
91032	Apply right-angled triangles in solving measurement problems.
91034	Apply transformation geometry in solving problems.
91035	Investigate a multivariate data set using the statistical enquiry cycle.
91038	Investigate a situation involving elements of chance.

No. of Credits	
Ext.	Int.
	4
	3
	3
	2
	4
	3

Total No. of Credits 19

MATHEMATICS – Numeracy

Level 1

COURSE DESCRIPTION:

This course covers the three strands of the curriculum and is assessed mainly through the Numeracy Unit Standards to ensure pupils achieve the Numeracy requirement at NCEA Level 1. Some Achievement Standards are offered as well.

If a pupil achieves all of the Achievement Standards in this course, then they may be granted conditional entry to 12 Mathematics Tumu upon recommendation of the teacher. Teachers will have discussions with pupils about whether this course is appropriate for them.

PRE-REQUISITES:

- This course is designed for those pupils who find most aspects of mathematics challenging and are concerned that they might not achieve the 10 credit Numeracy requirement by taking the Year 11 Maths Core Course.
- The Curriculum Leader and classroom teachers will advise pupils on whether this is an appropriate course for them.

SPECIFIC COSTS:

- Refer to stationery list
- Scientific calculator, Casio Fx-82 or similar.

UNIT STANDARDS

26623	Use number to solve problems.
26626	Interpret statistical information for a purpose.
26627	Use measurement to solve problems.

No. of Credits	
Ext.	Int.
	4
	3
	3

Total No. of Credits 10

ACHIEVEMENT STANDARDS (as well as Numeracy Unit Standards, Some of the following Achievement standards will be offered)



91026	Apply numeric reasoning in solving problems.
91033	Apply knowledge of geometric representations in solving problems.
91034	Apply transformation geometry in solving problems.
91038	Investigate a situation involving elements of chance.
91032	Apply right-angled triangles in solving measurement problems.

4
3
2
3
3

Total No. of Credits 15

MATHEMATICS – Akoranga

Level 2

COURSE DESCRIPTION:

Pupils develop new skills in algebra, trigonometry, graphs and statistics and are introduced to calculus. Pupils who meet the entry criteria should take this course as it is foundational to Level 3 Calculus and/or Statistics.

PRE-REQUISITES:

- At least 16 credits from the Level 1 Mathematics course, 11MAT, INCLUDING Merits in both Algebra (91027) and either Relationships (91028) or Geometric Reasoning (91031)

SPECIFIC COSTS:

- A graphics calculator, preferably a Casio one (e.g. fx-9750G plus), is essential for this course.
- Education Perfect approx. \$20

ACHIEVEMENT STANDARDS



91257	Apply graphical methods in solving problems.
91259	Apply trigonometric relationships in solving problems.
91261	Apply algebraic methods in solving problems.
91262	Apply calculus methods in solving problems.
91267	Apply probability methods in solving problems.

No. of Credits	
Ext.	Int.
	4
	3
4	
5	
4	

Total No. of Credits 20

COURSE DESCRIPTION:

Pupils develop and extend their statistics skills, develop new skills in probability, trigonometry and experience new topics as well. There is a pathway to Statistics or Maths and Statistics at Level 3 from this course (but not Calculus).

This course is suitable for pupils who prefer the option of more internal assessments as there is only one external standard.








PRE-REQUISITES:

- AT LEAST 11 credits from the Level 1 Mathematics course, 11MAT, or at least 16 credits from Level 1 Maths Core Course, 11MAC.

SPECIFIC COSTS:

- A graphics calculator, preferably a Casio one (e.g. fx-9750G plus), is essential for this course.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91256 Apply coordinate geometry methods in solving problems.		2
	91258 Apply sequences and series in solving problems.		2
	91259 Apply trigonometric relationships in solving problems.		3
	91260 Apply networks in solving problems.		2
	91267 Apply probability methods in solving problems.	4	
	91268 Investigate a problem using simulation.		2
	91264 Use statistical methods to make an inference.		4
Total No. of Credits		19	

CALCULUS

Level 3

COURSE DESCRIPTION:

This course is appropriate for pupils with an interest in the continued study of Mathematics, the Physical Sciences, Economics, Computer Science, Management Science, Engineering, etc. Pupils study algebra, calculus, trigonometry and geometry.






PRE-REQUISITES:

- AT LEAST 16 credits from NCEA Level 2 Mathematics Akoranga course, including at least an Achieved grade in each of Algebra (91261), Calculus (91262) and Graphs (91257) and at least Merit in one of these three.

SPECIFIC COSTS:

- A graphics calculator, preferably a Casio one (fx-9750G plus), is essential for this course.
- Education Perfect approx. \$20

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	91575 Apply trigonometric methods in solving problems.		4
	91577 Apply the algebra of complex numbers in solving problems.	5	
	91578 Apply differentiation methods in solving problems.	6	
	91579 Apply integration methods in solving problems.	6	
	*91587 Apply systems of simultaneous equations in solving problems.		3
Total No. of Credit		24	

* Also part of Mathematics & Statistics Course

Scholarship Students will also do 91573 Apply the geometry of conic sections in solving problems. (3 Credits) 

STATISTICS

Level 3

COURSE DESCRIPTION:

This course is for pupils with an interest in Statistics who may want to study in fields such as biological and social sciences, medicine, engineering, actuarial work, management science, commerce and marketing. It involves analysing data and making predictions, using data to draw conclusions and applying probability theory to different contexts.

PRE-REQUISITES:

- AT LEAST 11 credits from NCEA Level 2 Maths Akoranga course including Achieved in Probability (91267) or 14 credits from the Level 2 Tumu course, including at least an Achieved grade in Statistical Inference (91264) and Probability (91267).

SPECIFIC COSTS:

- A graphics calculator, preferably a Casio one (e.g. fx-9750G plus), is essential for this course.

ACHIEVEMENT STANDARDS

	No. of Credits	
	Ext.	Int.
● ● *91580 Investigate time series data.		4
● 91581 Investigate bivariate measurement data.		4
● ● ● 91582 Use statistical methods to make a formal inference.		4
● ● ● 91585 Apply probability concepts in solving problems.	4	
● ● ● 91586 Apply probability distributions in solving problems.	4	

Total No. of Credits **20**

* Also part of Mathematics and Statistics Course

Scholarship Statistics pupils will be entered into the external AS91584- Evaluate statistically based reports. (4 credits)

MATHEMATICS AND STATISTICS

Level 3

COURSE DESCRIPTION:

This course includes a combination of some of the Level 3 Mathematics and the Level 3 Statistics standards. It is designed for students who want to take a Level 3 Maths & Statistics course but do not think that either Calculus or Statistics would be suitable. This course is a UE approved subject.

PRE-REQUISITES:

- At least 11 credits from 12 Maths Akoranga or at least 14 credits from 12 Maths Tumu

SPECIFIC COSTS:

- A graphics calculator, preferably a Casio one (eg Fx 9750Gplus) is essential for this course.

ACHIEVEMENT STANDARDS

	No. of Credits	
	Ext.	Int.
● ● ● 91574 Apply linear programming methods to solving problems.		3
● ● ● 91576 Use critical path analysis in solving problems.		2
● ● ● *91580 Investigate time series data.		4
● ● ● 91583 Conduct an experiment using experiment design principles.		4
● ● ● ^91587 Apply systems of simultaneous equations in solving problems.		3
And one of:		
● ● ● 91584 Evaluate statistically based reports	4	
● ● ● *91586 Apply probability distributions in solving problems	4	

*Also part of Mathematics and Statistics Course

^Also part of Calculus Course

Total No. of Credits **20**

MUSIC

Level 1

COURSE DESCRIPTION:

This course teaches and develops skills in performance, composition, aural and musical knowledge. It is an excellent all-round course for pupils wishing to further develop their musical skills.

PRE-REQUISITES:

- Pupils **MUST** be able to play an instrument (which includes voice) to a reasonable standard (approximately 2-3 years minimum tuition) and are continuing to receive tuition on the instrument while in the course.
- Basic theory skills (i.e. reading treble clef notation) are assumed. Pupils are expected to participate in a school music group.

SPECIFIC COSTS:

- \$40 per annum for those who use school accompanist for solo performances.

ACHIEVEMENT AND UNIT STANDARDS

	No. of Credits	
	Ext.	Int.
● 91090 Perform two pieces of music as a featured soloist.		6
● 91091 Demonstrate ensemble skills through performing a piece of music as a member of a group. (optional)		4
● 91092 Compose two original pieces of music.		6
● 91093 Demonstrate aural and theoretical skills through transcription.	4	
● 91094 Demonstrate knowledge of conventions used in music scores. (optional)	4	
● 91095 Demonstrate knowledge of two music works from contrasting contexts.		6
Total No. of Credits		30

CONTEMPORARY MUSIC

Level 1

COURSE DESCRIPTION:

This course is an alternative to Year 11 Music and is designed for pupils who have experience as performers in contemporary music styles but have limited knowledge and skills in traditional music theory and notations. Course content will emphasise contemporary performance skills as well as music technology, including setting up sound systems for recording and live sound situations. Basic theory and notation skills will be a core component of the course but will not be formally assessed. Pupils may not take both Level 1 Music and Level 1 Contemporary Music. Pupils who have a high degree of success in this course will be eligible to enter Level 2 Music the following year. Please note that if there are not sufficient numbers to run both classes, the class with the higher roll count will continue.

PRE-REQUISITES:

- Pupils **MUST** be able to play an instrument (which includes voice) to a reasonable standard (approximately 2-3 years minimum tuition) and are continuing to receive tuition on the instrument while in the course.
- Pupils are expected to participate in a school music group.

SPECIFIC COSTS:

- \$40 per annum for those who use school accompanist for solo performances.

ACHIEVEMENT AND UNIT STANDARDS

	No. of Credits	
	Ext.	Int.
● 91090 Perform two pieces of music as a featured soloist.		6
● 91091 Demonstrate ensemble skills through performing a piece of music as a member of a group.		4
● 91092 Compose two original pieces of music.		6
● 91093 Demonstrate aural and theoretical skills through transcription.	4	
● 26687 Demonstrate and apply knowledge of sound technology for a performance context.		4
Total No. of Credits		24

COURSE DESCRIPTION:

Level 2 Music provides an opportunity for pupils to specialise in one of four musical pathways; recording, performing, writing, or musicology. All pupils will be taught the fundamental concepts of composition, performance, score reading, music analysis and aural and then apply these skills to their chosen pathway. This course has a strong emphasis on self-directed learning and is therefore appropriate for pupils who have specific areas within music that they are passionate about. Pupils will also need to display competence and have experience playing an instrument in order to apply their learning in a practical manner.

The course examines musical techniques and processes of the past a present in order to develop pupils' abilities in composition, performance and production. Communicating these abilities to an audience is a key focus of the course.

Note: Pupils chosen pathway will be equivalent to 21-22 of the following credits.

PRE-REQUISITES:

- Pupils **MUST** be able to play an instrument (which includes voice) to a reasonable standard (approximately 3-4 years minimum tuition) and are continuing to receive tuition on the instrument while in the course.
- Basic theory skills (i.e. reading treble clef notation) are assumed.
- Pupils are expected to participate in a school music group.

SPECIFIC COSTS:

- \$40 per annum for those who use the school accompanist for solo performances.

ACHIEVEMENT and UNIT STANDARDS

No. of Credits
Ext. Int.

- 91270 v2 Perform two substantial pieces of music as a featured soloist. 6
- 91271 v2 Compose two substantial pieces of music. 6
- 91272 v2 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group. 4
- 91273 v2 Devise an instrumentation for an ensemble. 4
- 91274 v2 Perform a substantial piece of music as a featured soloist on a second instrument. 3
- 91275 v2 Demonstrate aural understanding through written representation. 4
- 91276 v2 Demonstrate knowledge of conventions in a range of music scores. 4
- 91277 v2 Demonstrate understanding of two substantial contrasting music works. 6
- 91278 v2 Investigate an aspect of New Zealand music. 4
- 27703 v2 Demonstrate and apply knowledge of sound control and enhancement processes required for a performance context. 4
- 27657 v2 Demonstrate knowledge of the development and usage of music technology equipment and techniques. 4
- 27658 v2 Demonstrate and apply knowledge of electronic music production and music notation application(s). 4

Total No. of Credits

Up to 21-22

COURSE DESCRIPTION:

This course provides an opportunity for those with aptitude and interest in Music to explore and develop their skills, be mentored and inspired, and work with those with similar interests.

Performance is an integral part of the course, and participation in school performance opportunities is required of all music pupils.

Course work will focus on aspects of the four broad areas of:

- Music creation and composition.
- Performance and stage craft.
- Music listening and aural skills.
- Music theory and history.

PRE-REQUISITES:

- 16 credits at Level 2 or similar. Any pupils new to Music will need to audition or provide exam evidence of 4 or more years of experience and instrument learning. NB Voice is an instrument.
- Year 13 Music pupils are expected and encouraged to assist in leading school music groups as is appropriate to their instrument.

SPECIFIC COSTS:

- \$40 per annum for those who use the school accompanist for solo performances.

Note: Pupils will not complete all standards.

ACHIEVEMENT and UNIT STANDARDS

No. of Credits
Ext. Int.

- 91416 v1 Perform two programmes of music as a featured soloist. 8
- 91417 v1 Perform a programme of music as a featured soloist on a second instrument. 4
- 91418 v1 Demonstrate ensemble skills by performing two substantial pieces as a member of a group. 4
- 91419 v1 Communicate musical intention by composing three original pieces of music. 8
- 91420 v1 Integrate aural skills into written representation. 4
- 91421 v1 Demonstrate understanding of harmonic and tonal conventions in a range of music scores. 4
- 91422 v1 Analyse a substantial music work. 4
- 91423 v1 Examine the influence of context on a substantial work. 4
- 91424 v1 Create two arrangements for an ensemble. 4
- 23730 v3 Operate digital music sequencing and editing applications and use music notation software. 8
- 28007 v2 Select and apply a range of processes to enhance sound in a performance context. 6

Information not provided

Total No. of Credits

up to 24

PHYSICAL EDUCATION

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	Construction Infrastructure

PHYSICAL EDUCATION

Level 1

COURSE DESCRIPTION:

Pupils contemplating this course should enjoy the challenges and variety of sport, and physical activity. The course combines practical and theoretical aspects and pupils need to be prepared to work equally diligently at both theory and practical aspects. The practicals are in the context of volleyball and, korfbal. The course is all internally assessed. Each practical has related theory that is included in the sessions.

PRE-REQUISITES:

- Pupils will be expected to have passed the Year 10 theory unit with (at least) an Achieved grade. Exemption may be granted by negotiation with the Curriculum Leader of Physical Education.
- Play a winter and summer sport
- PE uniform required for practical sessions.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
● ● ●	90963 Demonstrate understanding of the function of the body as it relates to the performance of physical ability.		5
● ● ●	90964 Demonstrate quality movement on the performance of a physical activity.		3
● ● ●	90965 Demonstrate understanding of societal influences on physical activity and the implications of self and others.		4
● ● ● ●	90966 Demonstrate interpersonal skills in a group and explain how these skills impact on others.		4
● ● ● ●	90968 Demonstrate and show understanding of, responsible behaviour for safety during outdoor education activities.		3

Total No. of Credits 19

PHYSICAL EDUCATION

Level 2

COURSE DESCRIPTION:

Building on prior learning at Level 1, pupils will apply knowledge in a variety of practical situations that deepen their knowledge. Practical will include a range of activities. Examples are Turbo Touch training programmes, Turbo Touch, Badminton and risk management unit focussing on Rogaining. All standards are internally assessed. Each practical context explores related theory of Physical Education including skill learning, anatomy, biomechanics, principles and methods of training; exercise physiology; risk management, group processes, and sociology of sport.

PRE-REQUISITES:

- Pupils will be expected to have achieved NCEA PE Achievement Standard 90963 Level 1. Exemption may be granted by negotiation with the Curriculum Leader of Physical Education, especially for new pupils.
- Play a winter and summer sport
- PE uniform required for practical sessions

Theoretical knowledge taught in practical contents.

SPECIFIC COSTS: Nil

ACHIEVEMENT and UNIT STANDARDS

There are other standards that can be offered but will be structured around the following standards:

		No. of Credits	
		Ext.	Int.
● ● ●	91328 Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.		5
● ● ●	91329 Demonstrate understanding of the application of biophysical principles to training for physical activity.		4
● ● ●	91330 Perform a physical activity on an applied setting.		4
● ● ●	91332 Evaluate leadership strategies that contribute to effective functioning of a group.		4
● ● ●	91333 Analyse the application of risk management strategies to a challenging outdoor activity.		3

Total No. of Credits 20

COURSE DESCRIPTION:

Building on prior learning at Levels 1 and 2, pupils will be extended in their critical thinking and analysis of skills within sport science and sport and society. The course also requires high levels of self- management and organisation.

A tennis unit allows pupils to analyse their serve using advanced software and biomechanical analysis as well as competing in a singles tournament. Other practicals include Futsal and an outdoor based activity – Mountain Biking the Little River Rail trail. Pupils will also be given opportunity to examine contemporary leadership styles and experience them in a practical setting. This could be coaching school teams or outside of school teams or training year 7/8 teams for winter sport competition.

By the end of this year, their three years of Senior PE will give them a well-balanced yet comprehensive understanding of the curriculum. They will also have developed life skills that will stand them in good stead wherever they head on their next stage of life. All units are internally assessed.

Scholarship is offered to those who would like to extend themselves.

ACHIEVEMENT STANDARDS

There are other standards that could be offered but will be structured around the following standards.

- ● 91499 Analyse physical skill performed by self or others.
- ● 91500 Evaluate the effectiveness of a performance improvement programme.
- ● 91501 Demonstrate quality performance of a physical activity in an applied setting.
- ● 91502 Examine a current physical activity event or trend or issue, impacting on New Zealand society.
- ● 91505 Examine contemporary leadership principles applied in a physical activity contest.

No of Credits

Ext. Int.

3
4
4
4
4

Total No. of Credits

19

BIOLOGY (12BIO)

Level 2

COURSE DESCRIPTION:

The Level 2 course provides a basis for work covered in Level 3 Biology as well as providing a general background for work covered in further studies at University or Polytechnic.

The major topics covered are:

- Ecology
- Cell Biology
- Animal and Plant Diversity
- Genetics and Evolution
- Applied Biology

Please note that some details of course may be subject to change should the Curriculum Leader consider it to be of educational advantage to pupils to do so.

ACHIEVEMENT STANDARDS

- | | | |
|------|-------|---|
| ●●●● | 91153 | Carry out a practical investigation in a biology context, with supervision. |
| ●●●● | 91155 | Demonstrate understanding of adaptation of plants or animals to their way of life |
| ●●●● | 91157 | Demonstrate understanding of genetic variation and change. |
| ●●●● | 91158 | Investigate a pattern in an ecological community with supervision. |
| ●●●● | 91159 | Demonstrate understanding of gene expression. |

PRE-REQUISITES:

- Minimum of 12 credits in Level 1 Science including a passing grade in the following Science Standards:
- AS90948 (Genetics)
- AS90950 (Microbes)

OPTIONAL COSTS (approximate):

- Write in workbook - \$21
- Education perfect – \$20 for access to 12BIO, 12CHE and 12PHY. Charged once for access to all 3 courses.
- Field trip - \$30

No. of Credits

Ext.	Int.
	4
	3
4	
	4
4	

Total No. of Credits 19

BIOLOGY (13 BIO)

Level 3

COURSE DESCRIPTION:

This course consists of the following units of work:

- Animal and plant practical studies.
- Genetics and evolution.
- Animal behaviour and plant responses.
- Contemporary biological issues.
- Contemporary techniques in biotechnology.

Please note that some details of course may be subject to change should the Curriculum Leader consider it to be of educational advantage to pupils to do so.

PRE-REQUISITES:

- Minimum of 12 credits in Level 2 Biology with passes in the two external standards:
- AS91157 (Genetic variation)
- AS91159 (Gene expression)

OPTIONAL COSTS (approximate):

- Write in workbook - \$27.50
- Education perfect – \$20 for access to 13BIO, 13CHE and 13PHY. Charged once for access to all 3 courses.
- Field trip - \$20

No. of Credits

Ext.	Int.
	4
	3
5	
	3
4	

ACHIEVEMENT STANDARDS *will be a selection of:*

- | | | |
|------|-------|---|
| ●●●● | 91601 | Carry out a practical investigation in a biological context, with guidance. |
| ●●●● | 91602 | Integrate biological knowledge to develop an informed response to a socio-scientific issue. |
| ●●●● | 91603 | Demonstrate understanding of the responses of plants and animals to their external environment. |
| ●●●● | 91604 | Demonstrate understanding of how an animal maintains a stable internal environment |
| ●●●● | 91605 | Demonstrate understanding evolutionary processes leading to speciation. |

This is a university entrance subject

Total No. of Credits 19

CHEMISTRY (12CHE)**Level 2****COURSE DESCRIPTION:**

In their study of chemistry pupils will use their developing scientific knowledge, skills and attitudes to:

- Investigate and develop an understanding of the ways materials and chemical processes interact with people and the environment.
- Carry out a range of practical investigations and use this and other information to explore chemical behaviour.
- Understand important concepts in chemistry and major patterns of chemical behaviour.
 - Atomic Structure and Bonding.
 - Quantitative Chemistry.
 - Physical Chemistry.
 - Organic Chemistry.
 - Oxidation Reduction.
 - Inorganic Substances.

Please note that some details of course may be subject to change should the Curriculum Leader consider it to be of educational advantage to pupils to do so.

PRE-REQUISITES:

- Minimum of 14 credits in Level 1 Science, including a passing grade in the following Science Standards:
- AS90930 (Chemistry investigation)
- AS90944 (Acid and Bases)

OPTIONAL COSTS (approximate):

- Education Perfect - \$20 for access to 12BIO, 12CHE and 12PHY, charged once for access to all 3 courses.

ACHIEVEMENT STANDARDS

91164	Demonstrate understanding of bonding, structure, properties and energy changes
91165	Demonstrate understanding of the properties of selected organic compounds.
91166	Demonstrate understanding of chemical reactivity.
91167	Demonstrate understanding of oxidation-reduction.
91910	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis.

No. of Credits**Ext. Int.**

5

4

4

3

4

Total No. of Credits**20****CHEMISTRY (13CHE)****Level 3****COURSE DESCRIPTION:**

In this course pupils will extend their scientific knowledge, skills and attitudes through:

- Practical investigations.
- Familiarisations with materials and how they function.
- Understanding of concepts underlying chemical behaviour.

Areas of study will involve:

- Aqueous chemistry
- Thermochemistry
- Organic chemistry
- Oxidation and reduction processes and analysis
- Atomic structure and bonding.

Please note that some details of course may be subject to change should Curriculum Leader consider it to be of educational advantage to pupils to do so.

PRE-REQUISITES:

- Passing grades in both Level 2 Chemistry standards:
- AS91164
- AS91166

OPTIONAL COSTS (approximate):

- Education perfect - \$20 for access to 13BIO, 13CHE and 13PHY, charged once for access to all 3 courses.

ACHIEVEMENT STANDARDS will be a selection of:

91388	Demonstrate understanding of spectroscopic data in chemistry.
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances.
91392	Demonstrate understanding of equilibrium principles in aqueous systems.
91393	Demonstrate understanding of oxidation-reduction processes.
91387	Carry out an investigation in Chemistry involving quantitative analysis.

No. of Credits**Ext. Int.**

5

5

3

3

4

This is a university entrance subject**Total No. of Credits****20**

PHYSICS (12PHY)**Level 2**

COURSE DESCRIPTION:





The Level 2 course covers the basic principles that provide a good foundation for the future development and understanding of this subject.

The topics covered are:

- Mechanics (motion, force, momentum and energy)
- Electricity (static and direct current)
- Electromagnetism.
- Atomic and nuclear physics.
- Practical investigation.
- Wave systems (not formally assessed)

Please note that some details of course may be subject to change should Curriculum Leader consider it to be of educational advantage to pupils to do so.

ACHIEVEMENT STANDARDS

	91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship.
	91171	Demonstrate understanding of mechanics.
	91172	Demonstrate understanding of atomic and nuclear physics.
	91173	Demonstrate understanding of electricity and electromagnetism.

No. of Credits**Ext.** **Int.**

4

6

3

6

Total No. of Credits**19**

PHYSICS (13PHY)**Level 3**

COURSE DESCRIPTION:






The Level 2 course gives a good grounding for subjects such as Physics, Medical Sciences and the various Engineering disciplines at University. It is also a useful basis for many technical careers.

The topics covered are:

- Wave systems
- Translational Motion
- Rotational Motion
- Simple Harmonic Motion
- Electromagnetism
- Electricity DC and AC
- Atomic Physics

Please note that some details of course may be subject to change should Curriculum Leader consider it to be of educational advantage to pupils to do so.

ACHIEVEMENT STANDARDS *will be a selection of:*

	91522	Demonstrate understanding of the application of physics to a selected context.
	91523	Demonstrate understanding of wave systems. (Optional, Scholarship pupils only)
	91524	Demonstrate understanding of mechanical systems.
	91525	Demonstrate understanding of Modern Physics.
	91526	Demonstrate understanding of electrical systems.

No. of Credits**Ext.** **Int.**

3

4

6

3

6

This is a university entrance subject**Total No. of Credits****18/22**

COURSE DESCRIPTION:

The Science Course at Level 1 is built on the Science of Years 9 and 10. It extends the ideas presented there, and while on the one hand it gives pupils a better understanding of the physical world around them, and an awareness of the God who has put it all together, on the other hand this course lays a foundation for the Level 2 subjects of Biology, Chemistry and Physics.

Please note that some details may be subject to change should the Curriculum Leader consider it to be of educational advantage to pupils to do so.

There will be two streams within this course, one doing 20 credits and three externals (General), the other 19 credits (Core) and only two externals. Pupils will be placed in one of these two streams based on past results in Science. Pupils in Core will not be able to select Physics as an option at Level 2.


PRE-REQUISITES:

- Nil

OPTIONAL COSTS (approximate):

- Write in workbook - \$21
- Education perfect - \$20 for access to all Level 1 Science content.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
	90930 Carry out a practical chemistry investigation with direction.		4
	90940 Demonstrate understanding of aspects of mechanics. (General Course only)	4	
	90944 Demonstrate understanding of aspects of acids and bases.	4	
	90948 Demonstrate understanding of genetic variation.	4	
	90950 Investigate biological ideas relating to interactions between humans and micro-organisms.		4
Total No. of Credits			20

SCIENCE – Core (11SCC)

Level 1

COURSE DESCRIPTION:

This Science Course is designed for pupils who want to continue into the level 2 subjects of Biology and Chemistry yet may struggle with the academic pace of the general Science Course. Pupils are typically placed in this course based on their Year 10 Science results.

Level 1 Science Core is built on the Science of Years 9 and 10. It extends the ideas presented there and while on the one hand it gives pupils a better understanding of the physical world around them it also helps to build an awareness of the God who has put it all together.

Please note that some details may be subject to change should the Curriculum Leader consider it to be of educational advantage to pupils to do so.

NOTE: pupils will be unable to select Level 2 Physics if they are in this course.


PRE-REQUISITES:

- Nil

OPTIONAL COSTS (approximate):

- Write in workbook - \$21
- Education perfect - \$20 for access to all level 1 Science content.

ACHIEVEMENT STANDARDS

		No of Credits	
		Ext	Int
	90930 Carry out a practical chemistry investigation with direction		4
	90944 Demonstrate understanding of aspects of acids and bases.	4	
	90948 Demonstrate understanding of genetic variation.	4	
	90950 Investigate biological ideas relating to interactions between humans and micro-organisms.	4	
	91160 Investigate biological material at the microscopic level.		3
Total No. of Credits			19

COURSE DESCRIPTION:

The Level 1 Science Internal Course provides a science programme for pupils of lesser ability who have had limited success in Science in the past. The purpose of the course is to give these pupils some meaningful science – science related to them and their environment, science that motivates them and science in which they can achieve and learn. This course has a strong emphasis on practical work, each pupil being required to participate in individual and group practical sessions.

Pupils who take this science course cannot continue into ANY of the Level 2 science subjects (Biology, Chemistry or Physics).

A selection of internal Achievement Standards will be offered.

Topics studied may include:

- Practical science investigation
- Genetics
- Microbes
- Plants
- Electricity and magnetism

PRE-REQUISITES:

- The pupils are selected on the basis of their performance in their year 10 Mathematics and Science classes.
- Pupils and parents are then contacted to explain the nature and function of the course.

OPTIONAL COSTS (approximate):

- Write in workbook - \$21
- Education perfect - \$20 for access to all Level 1 Science content.

Total No. of Credits **16**

PHYSICAL SCIENCE (11PSC)**Level 1****COURSE DESCRIPTION:**

The Physical Science Course is made available to pupils as an option, in addition to Level 1 Science. It extends the ideas presented there by providing additional units in Physics and Chemistry. This course provides a wider foundation for Level 2 Physics and Chemistry and is particularly suited to pupils who have clear plans to move into further study in these areas. This course is NOT a prerequisite for any of the Level 2 Science courses and pupils who do not take this option will have all of these options still available to them.

Please note that some details of course may be subject to change should Curriculum Leader consider it to be of educational advantage to pupils to do so.

PRE-REQUISITES:

- A minimum ability in Year 10 Science is required to cope with this course. This would be shown by Merit passes in the chemistry and physics standards.

OPTIONAL COSTS (approximate):

- Write in workbooks - \$19
- Education perfect – Pupils taking 11PSC will also take 11SCI and therefore will already have access to all level 1 Science content.

ACHIEVEMENT STANDARDS

●●●●●	90935	Carry out a practical physics investigation that leads to a linear mathematical relationship with direction.
●●●●	90937	Demonstrate understanding of aspects of electricity and magnetism.
●●●●	90934	Demonstrate understanding of aspects of chemical reactions.
●●●	90954	Demonstrate understanding of the effects of astronomical cycles on planet Earth.
●●●●	91162	Carry out procedures to identify ions present in solution.

No. of Credits

Ext.	Int.
	4
4	
	4
3	

Total No. of Credits **19**

TEXTILE TECHNOLOGY

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	Construction Infrastructure

TEXTILE TECHNOLOGY

Level 1

COURSE DESCRIPTION:

Pupils use the Design Process to plan, design, trial, model and produce a 'fit for purpose' outcome. The standards are both internally and externally assessed.

PRE-REQUISITES:

- Interest in design and manufacture helpful.

SPECIFIC COSTS:

- Costs of fabric for pupils' optional choice.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●	91058		6
●●●●	91046		6
●●●●	91047		6
No. of Credits		18	

TEXTILE TECHNOLOGY

Level 2

COURSE DESCRIPTION:

Pupils are encouraged to use good technological practice through planning, designing, modelling and evaluating their work to meet the requirements of a brief and produce a 'fit for purpose' solution to an issue.

PRE-REQUISITES:

- Design or manufacturing skills help.

SPECIFIC COSTS:

- Costs of fabric for pupils' optional choice.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●	91350		4
●●●●	91345		6
●●●●	91358	4	
●●●●	91356		6
Total No. of Credits		20	

TEXTILE TECHNOLOGY

Level 3

COURSE DESCRIPTION:

Through research, design, construction and evaluation pupils are encouraged to use the Design Process to equip themselves for future technology careers.

PRE-REQUISITES:

- Nil.

SPECIFIC COSTS:

- Costs of fabric for pupils' optional choice.

ACHIEVEMENT STANDARDS

		No. of Credits	
		Ext.	Int.
●●●●	91617	4	
●●●●	91621		6
●●●●	91623		4
●●●●	91626		6
Total No. of Credits		20	

WORKSHOP

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	Construction Infrastructure

WORKSHOP TECHNOLOGY

Level 1

COURSE DESCRIPTION:

This course builds on the work covered with Years 9 and 10 and is assessed against fire Building Industry unit standards.

The course will be selected from the industry unit standards below up to a maximum of 19 credits and one internally assessed achieved standard worth 6 credits

INDUSTRY STANDARDS

- 24355 Demonstrate knowledge of construction manufacturing materials.
- 24352 Demonstrate knowledge of and safe working practices.
- 24356 Apply elementary workshop procedures for BCATS project.
- 25919 Use hardware and fastenings for a BCATS project.
- 25920 Use joints for a BCATS project.

These will be subject to change as our external provider are reviewing existing standards

PRE-REQUISITES:

- Material for instructional purposes is supplied.

SPECIFIC COSTS:

- To support the course pupils are encouraged to design and build projects. Pupil projects are to be parent approved before construction and materials will be invoiced to parents.
- Projects costs approximately. \$50-\$100

No. of Credits

Ext.	Int.
	4
	2
	8
	2
	3

Total No. of Credits

19

WORKSHOP TECHNOLOGY

Level 2

COURSE DESCRIPTION:

This course builds on the work already covered in Level 1 and is assessed against BCITO Industry Standards which are all internally assessed.

In year 12 we do a selection of approximately 30 credits from the standards below.

INDUSTRY STANDARDS

- 12927 Identify, select, maintain and use hand tools for BCATS projects
- 12932 Construct timber garden furniture and items of basic construction equipment as a BCATS project.
- 12935 Build a timber deck
- 12937 Build a timber pergola.
- 22129 Build a residential fence and gate.
- 22607 Read and interpret plans, working drawings and specifications for BCATS projects.
- 24350 Identify select and maintain portable power tools.
- 24354 Demonstrate knowledge of and apply safe working practice.

These will be subject to change as our external provider are reviewing existing standards

PRE-REQUISITES:

- It is recommended that pupils should have previous workshop experience.
- Material for instructional purposes is supplied.

SPECIFIC COSTS:

- To support the course pupils are encouraged to design and build projects. Pupil projects are to be parent approved before construction and materials will be invoiced to parents.
- Project costs approximately \$40-\$100.

No. of Credits

Ext.	Int.
	6
	8
	8
	5
	7
	3
	6
	4

Total No. of Credits

30

#WORKSHOP TECHNOLOGY

Level 3

COURSE DESCRIPTION:

This course is designed to fit the needs and opportunity of a wide range of industry-based pupil interest.

UNIT STANDARDS- Building, Construction, and Allied Trades Skills (BCATS)

- 29677 Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment.
- 29678 Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project.
- 29681 Measure and calculate for a Stage 3 BCATS project.
- 29682 Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project.
- 29684 Undertake a Stage 3 BCATS project.

PRE-REQUISITES:

- It is recommended that pupils should have previous workshop experience.
- Material for instructional purposes is supplied.

SPECIFIC COSTS:

- To support the course pupils are encouraged to design and build projects. Pupil projects are to be parent approved before construction and materials will be invoiced to parents. Project costs approximately \$20-\$100.

No. of Credits

Ext.	Int.
	2
	4
	3
	4
	12

Total No. of Credits

25

ALTERNATIVE PATHWAYS TO QUALIFICATIONS

STAR

Creative Industries	Primary Industries	Service Industries
Social & Community services	Manufacturing & Technology	Construction Infrastructure

STAR (Secondary Tertiary Alignment Resource)

The STAR provides learning experiences that link to pupils' needs and transitions them into tertiary study. Courses may be within the school (such as Photoshop, First Aid, some first year University courses.) Pupils are expected to gain 10 credits for any STAR course. See Mrs Bailey for any requests.

STAR aims are to

- Help pupils' direct entry into the work force.
- Provide pupils with courses that both meet their needs and help their transition into further education or employment.
- To help pupils make informed decisions about their future schooling and future work.

#EARLY CHILDHOOD EDUCATION - Care Course

COURSE DESCRIPTION:

The Early Childhood Education and Care Course is designed for Year 12 and 13 pupils who are interested in a career working with children in either an early childhood centre or a primary school. The course sets the foundation for understanding children's development and learning in the wider context of community, culture and ethics.

The course involves work experience in an early childhood centre (mostly outside school hours) and in the primary school (within school hours). There is a practical component including Sign Language, music, art, resource making Te Reo.

Personal development and growth is an important aspect of the course with various tools used to foster this including the strengths Finders team coaching. In consultation with the pupils, and based on their interests and academic needs, the course will be finalized in February 2020.

YEAR 12 UNIT STANDARDS

		No. of Credits	
		Ext	Int.
● 10026	Demonstrate knowledge of the development and learning of children and its relevance to an ECE service.		5
● 26707	Describe the value of play and create resources for children's development and learning in an ECE service.		4
● 26708	Develop respectful, responsive and reciprocal relationships with children in an ECE service.		4
● 29867	Demonstrate knowledge of diverse whanau/families and use a range and effective communication strategies in an ECE service.		5
Total No. of Credits			18

YEAR 13 UNIT STANDARDS

		No. of Credits	
		Ext	Int.
● 10013	Explain the relevance of the New Zealand Early Childhood Curriculum, Te Whāriki, as a framework for ECE programme development.		3
● 29863	Develop, implement and evaluate a learning plan based on an observation of a child in an ECE service.		5
● 29864	Demonstrate knowledge of attachment theories, behaviours and transition support in an ECE service.		3
● 29865	Describe and reflect on practises that protect and promote health and holistic well-being of children in an ECE service.		4
● 29869	Demonstrate knowledge of ethical responsibility to guide practice in an ECE service.		3
Total No. of Credits			18

COURSE DESCRIPTION:

The class is open to Year 12 pupils who are interested in a career pathway in tourism and/or hospitality. Pupils will also learn job interview and employability skills and how to write a CV. Guest speakers from the industry and liaisons from relevant tertiary programs will be invited to speak to the class. Pupils will complete two weeks of work experience outside school hours. Recommended to study alongside Food Technology, Geography, Business.

PRE-REQUISTIES:**No of Credits**

UNIT STANDARDS		Ext	Int.
● 17288	Prepare and present espresso beverages for service (External course at Vision College). Level 3	3	
● 17591	Demonstrate knowledge of the prevention and management of Discomfort, Pain and Injury (DPI) in the Workplace. (External course at Pro Med) Level 3	8	
● 17592	Identify causes of back injury and methods to prevent back injuries in the workplace. (External course at ProMed) Level 3	4	
● 24728	Demonstrate knowledge of work roles in tourism. Level 2		3
● 24729	Demonstrate knowledge of world tourist destinations. Level 2		3
● 24730	Demonstrate knowledge of the business of tourism. Level 2		4
● 24731	Demonstrate knowledge of destination New Zealand. Level 2		4
Total No of Credits		29	

TE KURA CORRESPONDENCE SCHOOL

Subjects which are not offered at Middleton are sometimes offered through the correspondence school. Pupils are allowed to do these subjects at the discretion of their parents, their Dean and the Te Kura Co-ordinator, Mrs Bailey. They would do the subject during their study time.

PASIFIKA PUPILS

Those who perform in the Middleton Grange Pasifika Cultural group at Polyfest are able to gain 4 Dance credits at various NCEA levels. External Samoan and Tongan Standards in Reading and Listening NCEA Levels 1,2 and 3 are also offered. Samoan and Tongan internal standard speeches NCEA Level 1,2 and 3 can be moderated by a teacher from another school. Tongan lessons are offered Friday afternoons Terms 2 & 3.