

MIDDLETON GRANGE SCHOOL



YEAR 13 COURSE BOOK 2026

Contents

Introduction	3
Choosing Courses.....	3
What is my “Kingdom Calling”?	3
Course Subject Overview	4
Course Subject Charges	5
Helpful Information for selecting courses	5
The National Certificate of Educational Achievement (NCEA)	6
Entry to University	6
Important information for students entering Year 13	7
Helpful Careers Advice	7
New Zealand Scholarship.....	8
Middleton Grange Subject Pathways	9
English	11
Mathematics and Statistics	13
Science	15
Social Sciences.....	16
Physical Education and Health.....	20
Scripture/Christian Studies	20
Learning Languages	21
Drama	22
Music	22
Technology	23
Visual Art	26
Alternative Pathways to Qualifications.....	28

Introduction

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

Note: Courses offered will depend on sufficient student demand.

Choosing Courses

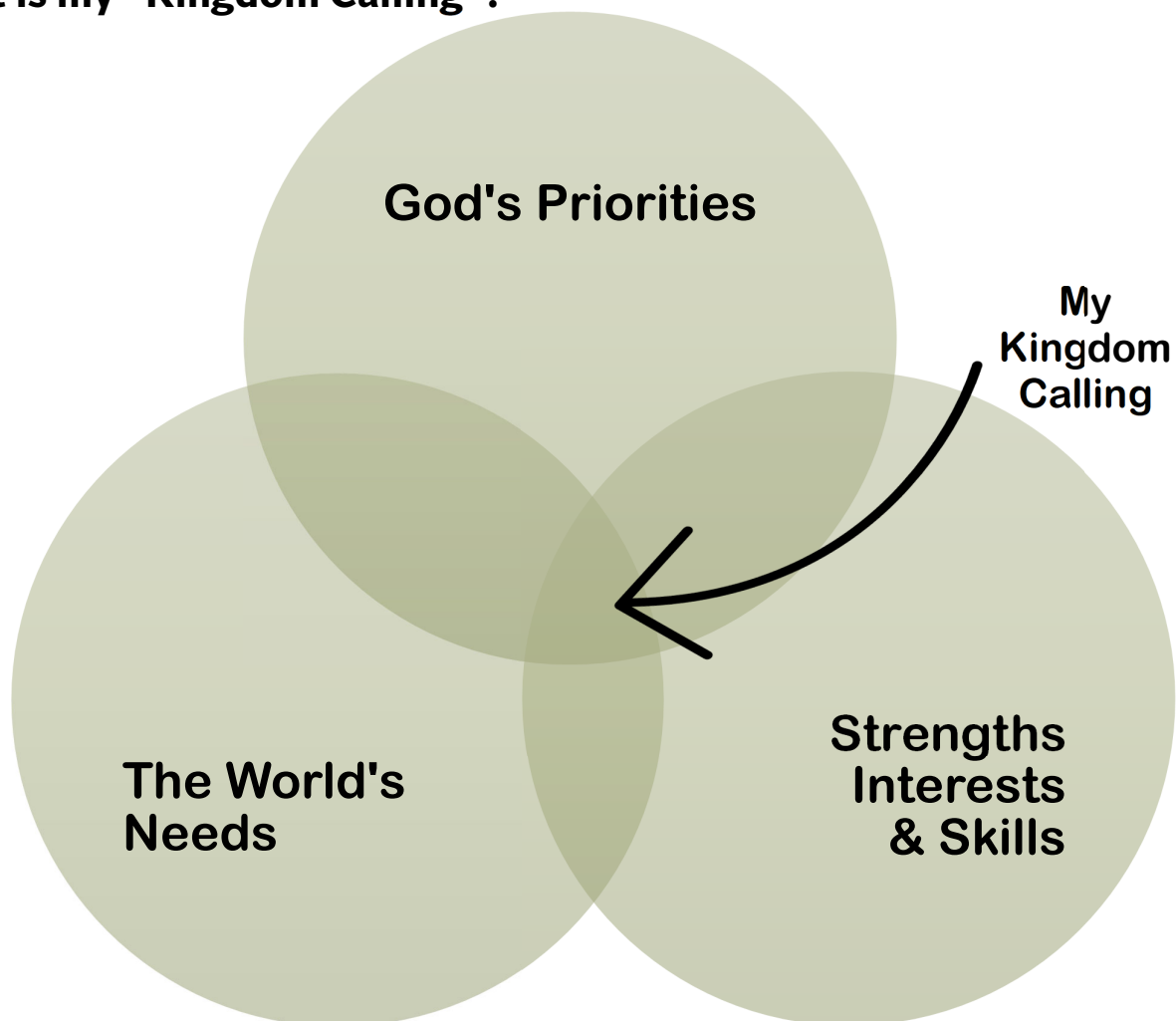
Your education at Middleton Grange involves much more than what you learn during class time. There are many areas in which you might be involved, including sport, music, drama, service, and social situations. Nevertheless, your choice of courses is of profound importance.

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. 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.

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

"Commit everything you do to the Lord. Trust him, and he will help you." Psalm 37:5

What is my "Kingdom Calling"?





Course Subject Overview

	Year 11	Year 12	Year 13
Compulsory Subjects →	Christian Studies English - OR - English A Mathematics Science - OR - Life Sciences	Christian Studies English - OR - English A	Christian Focus Days
Options →	Choose 3	Choose 4 or 5	Choose 5 or 6
	<p>Social Sciences: Commerce Geography History Pasifika Studies</p> <p>Physical Education: Physical Education</p> <p>Drama: Drama</p> <p>Music: Music</p> <p>Visual Art: Art</p> <p>Learning Languages: Spanish Te Reo Māori</p> <p>Technology: Design & Visual Technology Food and Nutrition Workshop Technology</p> <p><i>Digital Technology:</i> Computer Science & Programming Digital Media Skills for Employment & Education</p> <p>Mathematics: (students will be placed into the appropriate course)</p> <p>Science - choose ONE of: Science - General Life Sciences</p> <p>English - choose ONE of: English Communication English General (co-ed) English General (girls) English General (boys) English Literature English Language (ESOL)</p>	<p>Mathematics: Akoranga Tumu Senior Numeracy</p> <p>Science: Biology Chemistry Physics</p> <p>Social Sciences: Accounting Business Studies Economics Classical Studies Geography History Pasifika Studies</p> <p>Physical Education: Physical Education</p> <p>Technology: Design & Visual Technology Food and Nutrition Workshop Technology</p> <p><i>Digital Technology:</i> Computer Science & Programming Digital Media Skills for Employment & Education</p> <p>Learning Languages: Spanish Te Reo Māori</p> <p>Drama: Drama</p> <p>Music: Music</p> <p>Visual Art: Design Painting Photography</p> <p>Alternative Pathways to Qualifications: Intro. to Education & Teaching Tourism & Hospitality</p> <p>English - choose ONE of: English Communication English General (co-ed) English General (girls) English General (boys) English Literature English Language (ESOL)</p>	<p>Christian Studies: Christian Studies</p> <p>English: Cinematic English English Language (ESOL) English Literature Media Studies</p> <p>Mathematics: Calculus Statistics Mathematics & Statistics Senior Numeracy</p> <p>Science: Biology Chemistry Physics</p> <p>Social Sciences: Accounting Business Studies Economics Classical Studies Geography History Pasifika Studies</p> <p>Physical Education: Physical Education</p> <p>Technology: Design & Visual Technology Food and Nutrition Workshop Technology</p> <p><i>Digital Technology:</i> Computer Science & Programming Digital Media Skills for Employment & Education</p> <p>Learning Languages: Spanish Drama Music Design Painting Photography</p> <p>Alternative Pathways to Qualifications: Intro. to Education & Teaching Tourism & Hospitality</p>

Please submit your option choices by **Friday 12th September** using the [Kamar web portal](#).

Login details have been emailed to parents/caregivers, not students.

OR If you are leaving MGS, please [click here](#) to email your intentions to our Course Selection co-ordinator instead of option choices.

In December course confirmation will be sent out by email to parents.

If you did not get these choices by email, we have not got your current email address – please update us!

Course Subject Charges

To ensure we continue delivering the high-quality education that our students and staff value, we rely on a combination of parent Special Character Voluntary Donations, school fundraising efforts, and the International College programme. Unfortunately, the State funding alone does not cover the full cost of our curriculum and programs.

The school has made every effort to avoid imposing general subject charges as part of the core curriculum. Students will have the opportunity to excel using the resources provided by the school. * However, to enhance the range of activities, projects, and experiences available, there are likely to be additional costs associated with some optional subjects and extracurricular activities. You will be emailed a link with [required stationery](#) later in Term 4.

Permission for these optional activities must be obtained in advance and costs may be charged to your child's school account, or in some cases, payment must be made before the event. If you agree to these activities, any charges may be enforced by our finance department to honour our own agreements.

Please review our updated [terms and conditions](#) to avoid unnecessary charges.

Your generous donations play a crucial role in helping us maintain the standard of education our school is known for. We sincerely encourage you to contribute to this fund, via any suggested contributions or donations, as it directly benefits your child, enriching and enhancing their learning experience. Participation in any optional activities is therefore encouraged, but no student will be academically disadvantaged for choosing not to participate.

Thank you for your continued support and commitment to our school community.

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

Helpful Information for selecting courses

- 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, many technical or medical careers 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.
- If you are not sure what you wish to do, Mathematics with two/three Science subjects plus a language-rich subject will open entry into *most* university courses.
- Attaining high standards in English and communication skills is essential for some career areas and is useful for all.
- Students 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.

The National Certificate of Educational Achievement (NCEA)

[Document for Parents and Students](#) with framework etc.

Entry to University

Due to the complexity of establishing a consistent standard for entry to a NZ University it is important that all students 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 Permanent Residents and Citizens

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 students who do not achieve entry to university in Year 13, University of Canterbury has a Certificate of University Preparation. Other universities also offer this entry method.

In addition to gaining a university entrance qualification, students 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)** and is used in some courses, in some universities.

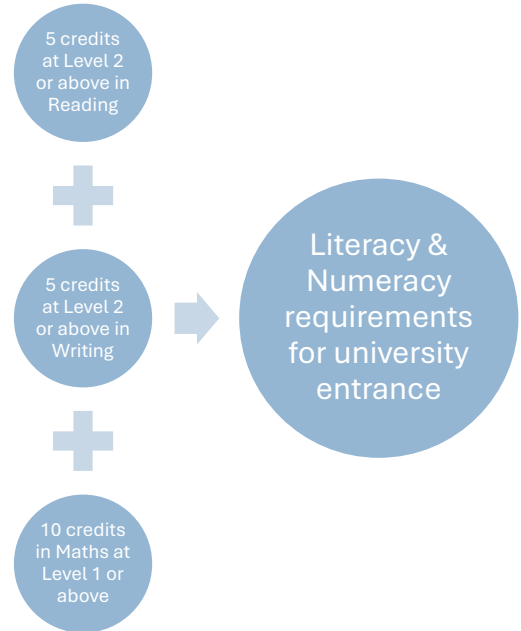
Your Guaranteed Entry Score (GES) is based on your best 80 credits at Level 3.

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

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

If in doubt, check with Mrs Bailey/Mrs Wilson 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.



Important information for students 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 student.
- Some courses may require more credits for students for whom English is their second language.
- Te Pūkenga and other colleges, 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 appropriate Head of Faculty 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 teacher in charge of the Tertiary and Vocational Department.**

Helpful Careers Advice

- Mrs Wilson, the **Tertiary and Vocational Coordinator** at school – careers.gateway@middleton.school.nz
- [Middleton CareerWise](#) 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 [UC Careers](#), [Just the Job](#) and [Money Hub](#)
- [Careers 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.
- The tertiary liaisons who visit the school in Terms 1 and 3.
- 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.

New Zealand Scholarship

Scholarship is a monetary award that recognises top students. It does not attract credits, nor does it contribute towards a qualification; but the fact that a student 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 students in each of the 33 Scholarship subjects.

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

A student 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.

Depending on the area of study, a student 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 include content covered across all NCEA levels, so a separate course is not needed. However, individual subjects run a tutorial outside of class time to prepare students for the rigour of Scholarship.

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

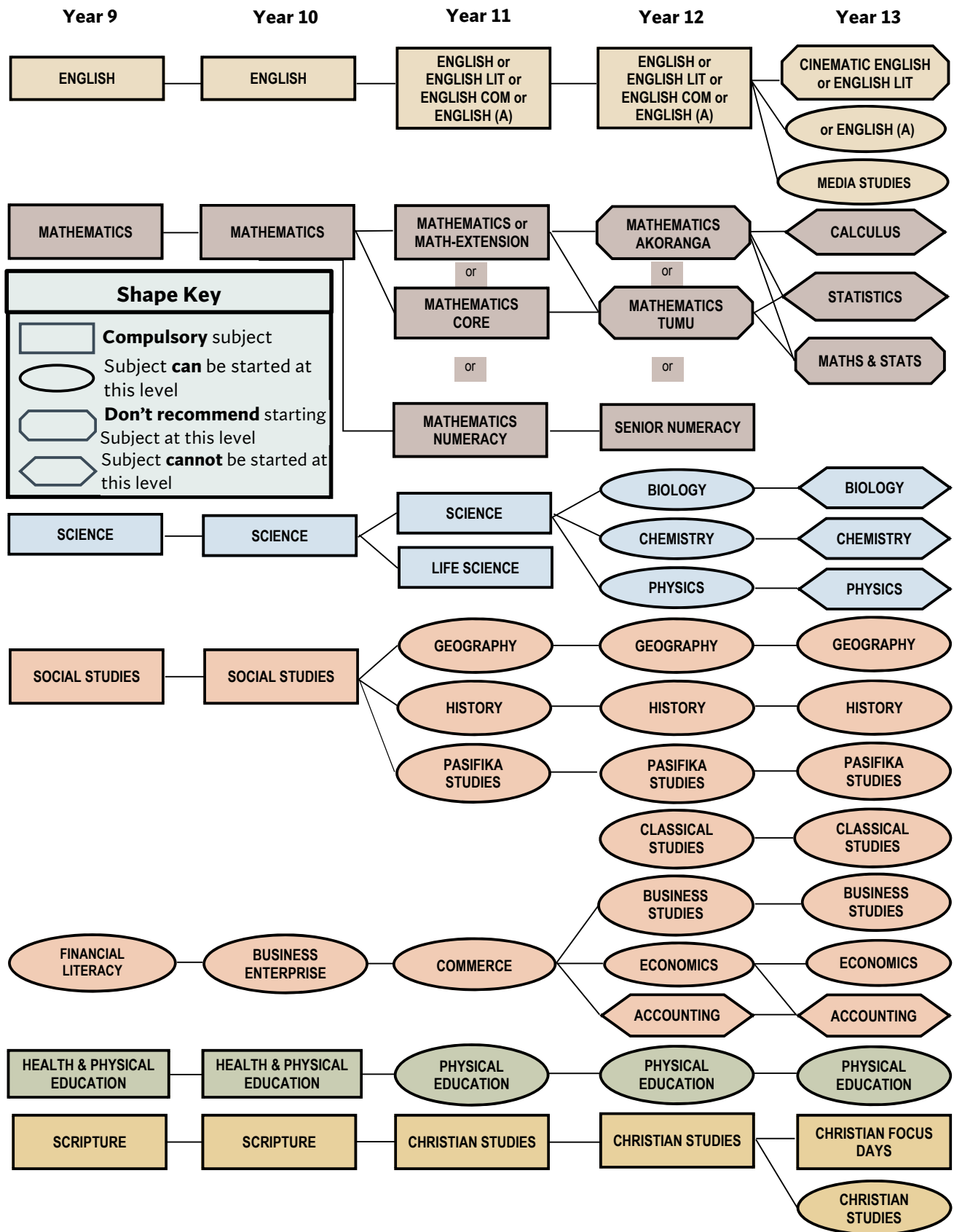
The Scholarship Monetary Awards will comprise:

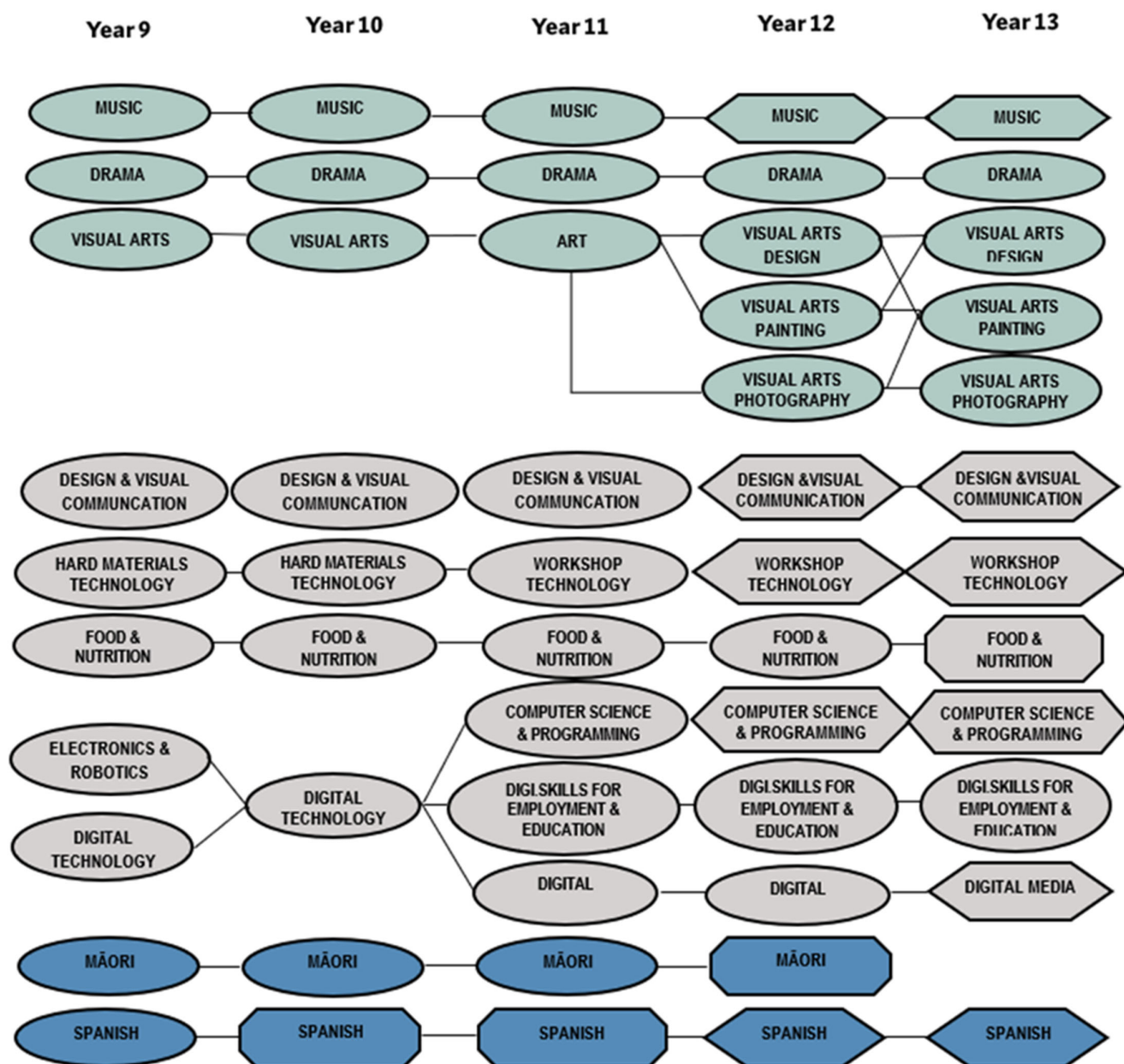
Single Subject Awards	For candidates who get Scholarship in up to two subjects A 'one-off' award of \$500 per subject (maximum payment \$1000)
Top Subject Scholar Award	For candidates who are top in one of the 33 Scholarship subjects \$2,000 each year for up to three years as long as candidates maintain 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 students for the Scholarship exams. Ask your Head of Faculty what assistance is offered in the subjects you might consider for the Scholarship award. International fee-paying students 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.

Middleton Grange Subject Pathways





Colour Key		
English	Mathematics & Statistics	Science
Social Science	Physical Ed & Health	Scripture & Christian Studies
Technology	The Arts	Learning Languages

Alternative Pathways to Qualifications

EMPLOYMENT SKILLS

INTRODUCTION TO
EDUCATION & TEACHING

INTRODUCTION TO
EDUCATION & TEACHING

TOURISM &
HOSPITALITY

TOURISM &
HOSPITALITY

These diagrams are accurate at the time of printing. Subsequent changes may occur as courses develop.

English

There are three English courses at Level 3. English Head of Faculty (Mr Scott Aitken) and Assistant Head of Faculty (Mrs Cassie Foster) will be happy to provide guidance if required.

The Teacher in Charge of ESOL (Mrs Shelley Liken) is very happy to give guidance to any students who have another first language.

Cinematic English - (13CEN)

Course Description

This course aims to develop skills in reading, writing, viewing and presenting, with an emphasis on cinema. Students must respond critically to a wide range of filmic texts. Students need to be aware of the UE Literacy Credits available through this course. Contact the Head of Faculty Mr Aitken or Assistant Head 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 **AS91101** or by negotiation with Head of Faculty.
- Students must have completed every assessment in Year 12 to be eligible for this course.

Achievement Standards *depending on skills and interests of the class, the course will offer a selection of the standards below:*

Number of Credits

	Ext.	Int.
91473 Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	4	
91475 Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas		6
91476 Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas		3
91479 Develop an informed understanding of literature and/or language using critical texts		4
91480 Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence		3
Total Credits: 20		

English Literature - (13ENL)

Course Description

This Level 3 course will involve study of a range of literature selected from the best works in the English canon. Students must respond critically to a wide range of written texts. Contact the Head of Faculty Mr Aitken or Assistant Head 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 **AS91101** or by negotiation with Head of Faculty.
- Students must have completed every assessment in Year 12 to be eligible for this course.

Achievement Standards *depending on skills and interests of the class, the course will offer a selection of the standards below:*

Number of Credits

	Ext.	Int.
91472 Respond critically to specified aspect(s) of studied written text(s), supported by evidence	4	
91474 Respond critically to significant aspects of unfamiliar written texts through close reading supported by evidence	4	
91475 Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas		6
91476 Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas		3
91479 Develop an informed understanding of literature and/or language using critical texts		4
Total Credits: 21		

English A (English Language) 13ENA

Course Description

This course is specifically designed to complete the Level 2 English standards that will give the reading and writing credits required for Minimum Literacy for University Entrance. It also develops important skills for academic study in University.

Pre-requisites

Students must have sufficient achievement in Year 12 in English A. Students who have been in other Year 12 English courses may also be placed in this class if they require more Literacy credits; it is not restricted to English Language Learners.

Achievement Standards and Unit Standards	Number of Credits	
	Ext.	Int.
91098 Analyse specified aspects of studied written texts, supported by evidence - English Level 2	4	
91099 Analyse specified aspects of studied visual text, supported by evidence - English Level 2.	4	
91105 Use information literacy skills to form developed conclusions.		4
91106 Form developed personal responses to independently read texts, supported by evidence.		4
Total Credits:		16

Media Studies (13MDS)

Course Description

Media studies equip students with a broad range of transferable skills that are valuable in many fields. Here's a more detailed look at how these skills translate into various career pathways:

- **Critical Thinking and Analysis:** Essential for evaluating media content, understanding audience responses, and making strategic decisions in roles like media analyst, critic, or marketing strategist.
- **Research and Planning:** Key for roles that require detailed background work and strategic foresight, such as journalism, PR, and media production.
- **Skills of Enquiry and Evaluation:** Useful in positions where assessing the effectiveness of campaigns, content, or media strategies is crucial, including in media consultancy and research roles.
- **Practical Skills:** Involves hands-on experience with media tools and technologies, beneficial for careers in film and video production, digital media, and computer games development.
- **Creativity:** Highly valued in industries like film, television, and digital media, where innovative ideas and approaches are key to engaging audiences and standing out in a competitive market.
- **Time Management:** Critical for meeting deadlines and managing multiple projects, applicable to any fast-paced media environment, including PR and marketing.
- **Essay Writing Skills:** Important for crafting compelling narratives and reports, which are necessary for roles in journalism, writing, and publishing.
- **Career Pathways:**
 - **Media, Cultural, and Creative Industries:** Embrace diverse roles in content creation, media management, and cultural projects.
 - **Television and Radio:** Opportunities in production, presenting, and broadcasting.
 - **Film and Video:** Careers in directing, editing, and screenwriting.
 - **Digital Media:** Involves roles in social media management, digital content creation, and web development.
 - **Computer Games:** Encompasses game design, development, and interactive storytelling.
 - **Journalism:** Includes investigative reporting, feature writing, and multimedia journalism.
 - **Writing and Publishing:** Opportunities in fiction, non-fiction, and editorial roles.
 - **PR and Marketing:** Involves brand management, campaign planning, and audience engagement.
 - **Media Practice:** Covers various roles in media production, content creation, and industry management.

These skills and pathways reflect how media studies can open doors to a wide array of exciting and dynamic careers, leveraging both analytical and creative strengths

Note: This course will run subject to sufficient funding and student numbers opting in.

Pre-requisites

At least 10 credits in Level 2 English with some English external exam success.

Achievement Standards	Number of Credits	
	Ext.	Int.
91493 Demonstrate understanding of a relationship between a media genre and society	4	
91494 Produce a design for a media product that meets the requirements of a brief		4
91495 Produce a media product to meet the requirements of a brief		6
91497 Write a media text to meet the requirements of a brief		3
Total Credits		17

Mathematics and Statistics

Calculus (13MCX)

Course Description

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

Pre-requisites

At least 14 credits from NCEA Level 2 Mathematics Akoranga course, including at least an Achieved grade in each of 91261 (Algebra), 91262 (Calculus) and 91269 (Simultaneous Equations), and at least Merit in one of these three.

Specific Costs

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

Achievement Standards

	Number 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 Credits:		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 (13MST)

Course Description

This course is for students 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 91267 (Probability) or 14 credits from the Level 2 Tumu course, including at least an Achieved grade in 91264 (Statistical Inference) and 91267 (Probability). Students must also demonstrate sufficient English language skills. This would typically be done through achieving UE Literacy.

Specific Costs

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

Achievement Standards

	Number 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 Credits:		20

* Also part of Mathematics & Statistics Course

Scholarship students may choose to enter the external **AS91584** Evaluate statistically based reports. (4 credits)

Mathematics and Statistics (13MAS)

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 NCEA Level 2 Maths Akoranga course or 14 credits from the Level 2 Tumu course.

Specific Costs

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

Achievement Standards

Number of Credits

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

91574 Apply linear programming methods to solve 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
---	--	---

*91586 Apply probability distributions in solving problems.	4	
---	---	--

* Also part of Statistics Course

^ Also part of Calculus Course

~ Optional Standard

Total Credits: 18-20

Mathematics - Senior Numeracy (12MSN)

Course Description

The Senior Numeracy Course will support students to gain their NCEA Numeracy Corequisite (US32406) as well as, where appropriate, work towards some Level 2 Achievement Standards (listed below). This course is compulsory for Year 12 and 13 students without Numeracy (or equivalent). However, exemptions could be granted in exceptional circumstances. These exemptions would be granted by the Head of Faculty and in conjunction with the appropriate Dean, the Learning Centre and International College (if applicable).

Pre-requisites Students who are yet to gain their NCEA Numeracy Corequisite.

Specific Costs Scientific calculator (fx-82 or similar)

Achievement Standards

Number 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 methods in solving problems.		2
---	--	---

91268 Investigate a situation involving elements of chance using a simulation.		2
--	--	---

91264 Use statistical methods to make an inference.		4
---	--	---

Total Credits: 15

Science

Please note that some details of these courses may be subject to change should the Head of Faculty consider it to be of educational advantage to students to do so.

Biology (13BIO)

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.

Pre-requisites

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

Specific Costs

A "write-in" workbook \$23.

Achievement Standards will be a selection of:

		Number of Credits	
		Ext.	Int.
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue.		3
91603	Demonstrate understanding of the response of plants or animals to their external environment	5	
91604	Demonstrate understanding how an animal maintains a stable internal environment.		3
91606	Demonstrate understanding of trends in human evolution.	4	
91601	Carry out a practical investigation in a biological context, with guidance (<i>may be optional or omitted</i>).		4
		Total Credits:	15-19

Chemistry (13CHE)

Course Description

In their study of chemistry students 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

Pre-requisites

Minimum of 14 credits in Level 2 Chemistry.

Specific Costs

A "write-in" workbook \$23.

Achievement Standards

		Number of Credits	
		Ext.	Int.
91388	Demonstrate understanding of spectroscopic data in chemistry.		3
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances.	5	
91392	Demonstrate understanding of equilibrium principles in aqueous systems.	5	
91393	Demonstrate understanding of oxidation-reduction processes.		3
91391	Demonstrate understanding of the properties of organic compounds (<i>may be optional or omitted</i>).	5	
		Total Credits:	16

Physics (13PHY)

Course Description

The Level 3 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

Pre-requisites

Minimum of 14 credits in Level 2 Physics

Specific Costs

- A "write-in" workbook \$23
- Field trip \$15

Achievement Standards will be a selection of:

91522 Demonstrate understanding of the application of physics to a selected context.

91524 Demonstrate understanding of mechanical systems.

91525 Demonstrate understanding of Modern Physics.

91526 Demonstrate understanding of electrical systems

Number of Credits

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

	3
--	---

6	
---	--

	3
--	---

6	
---	--

Total Credits: 18

Scholarship students may choose to enter the external **AS91523** *Demonstrate understanding of wave systems.* (4 credits)

Social Sciences

Accounting (13ACT)

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.

Year 13 Accounting prepares you for the study of commerce, accounting, and management of finance at university. It is equally suitable as background knowledge that will almost certainly benefit you, whatever career path you choose. Opportunity is given for students to sit the Scholarship Accounting exam.

Pre-requisites Minimum 12 credits from Level 2 Accounting or by approval of Head of Faculty.

Specific Costs Calculator

Achievement Standards

91404 Demonstrate understanding of accounting concepts for a New Zealand reporting entity.

91405 Demonstrate understanding of accounting for partnerships.

90406 Demonstrate understanding of company financial statement preparation.

91408 Demonstrate understanding of management accounting to inform decision making.

91409 Demonstrate understanding of a job cost subsystem for a manufacturing business.

Number of Credits

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

4	
---	--

	4
--	---

5	
---	--

4	
---	--

	4
--	---

Total Credits: 21

Business Studies (13BUS)

Course Description

In this course you will set up and run a real business enterprise with 2-3 other students during the school year. You will also have the opportunity to enter the National Young Enterprise Competition (YES) through which your small business will compete with other student enterprises on business challenges throughout the school year.

Completing the YES challenges will earn you an NCEA Micro-credential,

OR

You could choose to be assessed for the following standards below:

Achievement Standards

91379 Demonstrate understanding of how internal factors interact within a business that operates in a global context.

91382 Develop a marketing plan for a new or existing product

91384 Carry out, with consultation, an innovative and sustainable business activity.

Specific Costs

- A small amount of seed funding will be needed to start your business activity. The amount will depend on your chosen venture. Hopefully you will be able to recoup this over the course of the year.
- Young Enterprise entry fee approx \$45.00

Number of Credits

	Ext.	Int.
91379	4	
91382		6
91384		9
Total Credits: 19		

Classical Studies (13CLS)

Course Description

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.

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

- At least 12 credits in reading and writing achievement standards in Level 2 English
- Previous study in Classics is strongly recommended. The Head of Faculty must be consulted before entry at this

Number of Credits

	Ext.	Int.
91395	4	
91396	6	
91397		6
91398		6
Total Credits: 22		

Achievement Standards

91395 Analyse the significance of a work(s) of art in the classical world.

91396 Analyse the impact of a significant historical figure on the classical world

91397 Demonstrate understanding of a significant ideology(ies) in the classical world.

91398 Demonstrate understanding of the lasting influences of the classical world on other cultures across time.

Economics (13ECO)

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.

Year 13 Economics is recommended if you are considering further study of law, commerce, 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 Minimum 12 credits in Level 2 Economics, or by approval from Head of Faculty.

Specific Costs Calculator

Achievement Standards	Number of Credits	
	Ext.	Int.
91399 Demonstrate understanding of the efficiency of market equilibrium	4	
91401 Demonstrate understanding of micro-economic concepts		5
91402 Demonstrate understanding of government interventions to correct market failures		5
91403 Demonstrate understanding of macro-economic influences on the NZ economy.	6	
Total Credits: 20		

Geography (13GEO)

Course Description

Level 3 Geography is a demanding subject. It has to be, in order to prepare students adequately to meet the complex challenges facing our world and its people. A high value is placed on literacy skills, and students are expected to conduct some level of independent inquiry in all topics.

Skills and knowledge are applied more rigorously within fewer contexts as we prepare students to go out into the world God made and be effective agents of change in the creation He loves. We maintain a global perspective through an investigation of a global pattern, however, 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.

Pre-requisites

Students must have studied and passed one of History or Classical Studies at Level 2, or Geography at either Level 1 or 2 before entering for Level 3 Geography.

Specific Costs Geography 3.4 skills workbook approx \$27

Achievement Standards	Number of Credits	
	Ext.	Int.
91426 Demonstrate understanding of how interacting natural processes shape a NZ environment.	4	
91429 Select and apply geographic skills and concepts.	4	5
91431 Analyse aspects of a contemporary geographic issue.		3
91432 Analyse aspects of a geographic topic at a global scale.		3
and one of either:		3
91428 Analyse a significant contemporary event from a geographic perspective OR		5
91430 Conduct geographic research with consultation		
Total Credits: 17/19		

History (13HIS)

Course Description

Level 3 History challenges students to investigate significant historical events, people, and movements, and to evaluate their causes and consequences. Students will develop advanced skills in research, critical thinking, and source analysis while exploring how history is interpreted and remembered. This course encourages independent inquiry and the ability to form well-supported arguments, preparing students for further study and informed citizenship. Topics are selected from:

- The First Crusade 1095 – 1120
- Mary Queen of Scots
- Early contact NZ

Pre-requisites

- Students must have passed one of Geography or Classical Studies at Level 2, or History at either Level 1 or 2 before entering for Level 3 History.
- Entrance at the discretion of the Teacher in Charge

Specific Costs Waitangi Trip – Optional but recommended: Approximately \$720.00.

Achievement Standards	Number of Credits	
	Ext.	Int.
91434 Research an historical event or place of significance to New Zealanders.		5
91436 Analyse evidence relating to an historical event of significance to New Zealanders.	4	
91437 Analyse different perspectives of a contested event.		5
91438 Analyse the causes and consequences of a significant historical event	6	
Total Credits:		20

Pasifika Studies (13PAS)

Course Description

This class is inclusive and open to all ethnicities and will appeal to students who identify with or who are interested in Pacific history, culture, literature, and contemporary socio-political issues.

Students will be taught Social Studies standards to their academic level. The content of the course will steer towards the students' interests and members of the Pasifika community and other academics will be invited in to share their knowledge on various topics. Students who took Pasifika Studies in Year 12 will not study the same topics in Year 13.

There will be a range of class activities and an additional option to study Tongan (at Christchurch Boys' High on Fridays Term 3) or Samoan through Te Kura Correspondence School.

The class is combined with Year 11 and 12 for instruction, but students will complete assessments appropriate to their year level.

Achievement Standards	Number of Credits	
	Ext.	Int.
91596 Demonstrate understanding of ideological responses to an issue.	4	
OR		
91598 Demonstrate understanding of how ideologies shape society.	4	
91597 Conduct a critical social inquiry		6
91599 Examine personal involvement in a social action(s) that aims to influence policy change(s)		6
91600 Examine a campaign of social action(s) to influence policy change(s)		4
Total Credits:		20

Physical Education and Health

Physical Education (13PED)

Course Description

Building on prior learning from Years 11 and 12, students 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.

Students will reflect on and play pastime games to consider future factors that might influence future participation in physical activity. Students will participate in a Tennis unit that allows students to experience a training programme and assess its effectiveness. Other practicals include Futsal and an outdoor based activity – Mountain Biking the McLeans Island Tresillian loop track.

Students 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.

Pre-requisites

- Students are expected to have achieved 12 credits at Level 2 in P.E, or by negotiation with Head of Faculty, especially if new to MGS.
- It is expected that students play a winter and/or summer sport

Achievement Standards *there are other standards that could be offered, but will be structured around the following standards:*

Number of Credits

	Ext.	Int.
91498 Evaluate physical activity experiences to devise strategies for lifelong well-being.		4
91500 Evaluate the effectiveness of a performance improvement programme.		4
91501 Demonstrate quality performance of a physical activity in an applied setting.		4
91502 Examine a current physical activity event or trend or issue, impacting on New Zealand society.		4
91503 Examine contemporary leadership principles applied in a physical activity contest.		4
Total Credits:		20

Scripture/Christian Studies

Christian Focus Days

Course Description

These are **compulsory** days which provide opportunities for Year 13 students to explore a range of relevant issues within a biblical context.

They are run in terms 1-3; one Focus Day per term.

Optional Costs

\$20 per Focus Day to cover food

OR

bring own lunch and no charge for food.

Christian Studies (13CHR)

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 students 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 students should indicate early if they are interested in doing this subject (numbers have been high in recent years).

Pre-requisites

Nil, but success in Level 2 Christian Studies and Level 2 English is recommended. Assessments are extended essays.

Achievement Standards

Number of Credits

	Ext.	Int.
90826 Analyse the response of a religious tradition to a contemporary ethical issue.		6
90827 Analyse the key beliefs of a religious tradition and a secular world view in relation to an ultimate question(s).		6
91725 Analyse the meanings in a sacred text within a religious tradition.		6
Total Credits:		18

Learning Languages

Spanish (13SPA)

Course Description

Spanish continues to be taught communicatively, building skills in reading, writing, listening, and speaking. Students will use Spanish in familiar, less familiar, and formal contexts, advancing their knowledge of Spanish vocabulary, grammar, and structures, and understanding more of Hispanic life and culture. The combined Year 13 course covers Level 8 of the NZ Spanish Curriculum and revisits structures from Levels 1 to 7. By the end of the year, students will acquire personal independence in Spanish and be able to:

- Talk about the consequences of actions (if...then...)
 - Give and seek advice
 - Direct others to do/not do something
 - Make and respond to requests for something to be done
 - Talk about predictions or theories and argue for or against them
 - Talk about advantages and disadvantages, giving reasons
 - Talk about the possibility, doubt and uncertainty of actions and events
- Topics may include some or all of these topics:
- Education
 - Spanish Films
 - Spain
 - The environment
 - Equality and racism
 - The Spanish speaking world

Pre-requisites Successfully completed NCEA Level 2 Spanish (or equivalent).

Achievement Standards

Number 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 Credits:		24

Māori (13MAO)

Course Description

In 2026 this course will be offered to study by correspondence.

Drama

Drama (13DRA)

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 students.

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, the motivated student, with some ability and performance experience, beginning curriculum drama at this level will find the course both challenging and rewarding.

Specific Costs

Opportunity to purchase a group discount ticket for a live theatre production will be made available, in order to complete submission for AS91518.

Achievement Standards - depending on skills and interests of the class, the course will offer a selection of the standards below:

Number of Credits

Ext. Int.

91512 Interpret scripted text to integrate drama techniques in performance.

4

91514 Interpret a prescribed text to demonstrate knowledge of a theatre form or period.

4

91517 Perform a substantial acting role in a significant production.

5

91518 Demonstrate understanding of a live drama performance.

4

and one of either:

91513 Devise and perform a drama to realise a concept **OR**

5

91519 Script a drama suitable for live performance.

5

Total Credits: 22

Music

Music (13MUS)

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 students.

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 students 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 students 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.

Achievement Standards and Unit Standards

Number of Credits

Note: Students will not complete all standards.

Ext. Int.

91416 Perform two programmes of music as a featured soloist.

8

91417 Perform a programme of music as a featured soloist on a second instrument.

4

91418 Demonstrate ensemble skills by performing two substantial pieces as a member of a group.

4

91419 Communicate musical intention by composing three original pieces of music.

8

91420 Integrate aural skills into written representation.

4

91421 Demonstrate understanding of harmonic and tonal conventions in a range of music scores.

4

91424 Create two arrangements for an ensemble.

4

Total Credits: Up to 24

Technology

Design and Visual Communication (13DVC)

Course Description

The course is designed to extend skills developed at Level 2 and leads naturally through to tertiary study for those who wish to take it further. It is delivered through project work consisting of a brief 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.

Pre-requisites

Successful completion of Level 2 DVC course as the work at Level 3 builds on the knowledge and skills acquired through Level 2.

Achievement Standards - At least 14-22 credits will be comprised from a selection of the standards below:

		Number of Credits	
		Ext.	Int.
91627	Initiate design ideas through exploration.	4	
91628	Develop a visual presentation that exhibits a design outcome to an audience.		6
91629	Resolve a spatial design through graphics practise.		6
91630	Resolve a product design through graphics practise.		6
91631	Produce working drawings to communicate production details for a complex design.	6	
		Total Credits: 14-22	

Food and Nutrition (13FNT)

Course Description

In the Level 3 Food and Nutrition course, the focus is on the nutrition, health and well-being needs of New Zealand Society. Students research the complex food related issue of the under-consumption of fruit and vegetables. Students also examine food related ethical issues such as fortification and the marketing of energy dense, nutrient poor food directed at children. The external standards involve analysing and challenging the messages in food advertisements and evaluating conflicting information on topics such as ultra-processed foods, supplementation, and popular dietary advice.

Pre-requisites

- It is required that students have successfully completed a Level 2 FNT course as work at level 3 builds on the knowledge and skills acquired in Level 2.
- As a large proportion of this course involves internet-based research and report writing, students need to bring their own laptop to class

Course Fee - Important note

The cost of providing ingredients for the practical component of *Food and Nutrition* is considerable. A fee of **\$170** applies to help cover these expenses. Students are able to take home the food they prepare in class. By selecting *Food and Nutrition*, you are agreeing to be invoiced for this amount at the start of the course.

		Number of Credits	
Achievement Standards		Ext.	Int.
91466	Investigate a nutritional issue affecting the well-being of New Zealand society.		5
91468	Analyse a food related ethical dilemma for New Zealand society.		5
91470	Evaluate conflicting nutritional information relevant to well-being in New Zealand society.	4	
91471	Analyse the influences of food advertising on well-being.	4	
		Total Credits: 18	

Workshop Technology (13WTC)

Course Description

This course builds on the work covered in Years 11 and 12 and is assessed against BCITO Unit Standards. Students are expected to design and manage a construction project that is of a Level Three complexity. Health & Safety is a necessary element of this project and will also be assessed through an external course if the student has not achieved the standard previously.

Pre-requisites

It is necessary that students have completed a Year 12 workshop programme. Students who are new to Workshop Technology in Year 13 will be working towards Level 1 and 2 standards, based on their experience and ability.

Specific Costs

- Due to the wide range of projects chosen by students, the cost of construction materials can vary greatly. Typically, combined materials for a project of suitable complexity begin around \$100
- Material for instructional purposes is supplied.

BCITO Standards

Number of Credits

	Ext.	Int.
29678 Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project.		4
29681 Measure and calculate for a Stage 3 BCATS project.		3
29682 Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project.		4
29684 Undertake a Stage 3 BCATS project.		12
	Total Credits:	23

Computer Science and Programming (13DTC)

Course Description

Level 3 Computer Science and Programming builds on the knowledge and skills gained in Level 2 Computer Science and Programming. It is designed to provide a solid foundation for careers in computing, and the study of computing at tertiary level.

Pre-requisites

- Students must have access to a computer that is running Windows
- Should enjoy solving computational problems. Those whose strengths include Maths and English are most likely to succeed.
- Successful completion of Level 2 Computer Science, or some experience with programming in Python is recommended.

Achievement Standards**Number of Credits**

	Ext.	Int.
91902 Use complex techniques to develop a database		4
91906 Use complex programming techniques to develop a computer program		6
91907 Use complex processes to develop a digital technologies outcome		6
91908 Analyse an area of computer science	3	
Total Credits:	19	

Digital Skills for Employment and Education (13DTS)

Course Description

This Level 3 course, which is 100% internally assessed, builds on the Level 2 DTS course. It is designed for students who need intermediate level Microsoft Office skills for further educational, personal, or vocational use.

Pre-requisites

- Computer literacy (understanding of computer basics and file management).
- Some experience (preferably NCEA Level 2 equivalent) in MS Word and Excel and PowerPoint is highly recommended.
- An ability to work autonomously and independently.

Unit Standards**Number of Credits**

	Ext.	Int.
29785 Use a word processing application to integrate images, spreadsheet and database data into documents		5
29786 Produce a spreadsheet 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
Total Credits:	17	

Digital Technology Media (13DTM)

Course Description

Level 3 Digital Technology Media provides a solid foundation for careers or tertiary study in design and media technologies. Students in this course will investigate, plan, design, develop and evaluate a digital video outcome.

Pre-requisites

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

Achievement Standards**Number 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.	4	
91903 Use complex techniques to develop a digital media outcome.		4
Total Credits:	20	

Visual Art

Art Design (13ARD)

Course Description

This course is for students who are ready to take their creativity to the next level. With support from their teacher, students will design their own brief and develop a series of promotional materials based on a theme or issue that matters to them.

Students will build on their existing design skills while exploring new techniques, tools, and ideas. They'll be encouraged to think independently, problem-solve creatively, and express their unique voice through their work.

The course focuses on developing a strong, connected body of work that shows both technical skill and personal expression. Students will be assessed on their creative process throughout the year, and their final artworks will be submitted as a three-panel folio, which is externally assessed.

This is an exciting opportunity for students who enjoy working independently, want to explore design in depth, and are considering further study or a career in the creative industries.

Pre-requisites

- Limited places are available in this course
- Must have achieved a pass in Level 2 Design, Painting or Photography.
- Computer knowledge is beneficial

Specific Costs

- Printing \$10 per A1 sheet (3 required)
- Folio board, courier and consumable charge \$30
- Art pack specified in stationery list - approx \$40

Number of Credits

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

Achievement Standards

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 Credits:	22

Art Painting (13ARP)

Course Description

This course is designed for students who are ready to take their creativity and personal expression to a deeper level. With guidance from their teacher, students will develop a theme that is meaningful to them and explore it through a series of related paintings.

Throughout the year, students will experiment with a range of painting techniques and art-making conventions, refining their skills and ideas as they go. Their work will result in a three-panel folio that showcases their artistic journey, creative growth, and unique voice.

A key focus of this course is connecting art to faith. Students will explore Biblical metaphors and themes such as creation, celebration, and beauty and reflect on how these can be expressed visually. Painting offers students a meaningful way to explore their creativity, reflecting the beauty and complexity of God's creation in a personal and expressive way.

This course is ideal for students who enjoy working independently, want to explore their faith through art, and are considering further study in Visual Arts.

Pre-requisites

- Limited places are available in this course
- Must have achieved a pass in Level 2 Design, Painting or Photography.
- Willingness to commit to working outside of class time

Specific Costs

- Folio board, courier and consumable charge \$30
- Art pack specified in stationery list - approx \$90

Achievement Standards

	Number of Credits	
	Ext.	Int.
91446 Use drawing to demonstrate understanding of conventions appropriate to painting.		4
91451 Systematically clarify ideas using drawing informed by established painting practice.		4
91456 Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.		14
	Total Credits:	22

Art Photography (13APH)

Course Description

This course is designed for students who are ready to take their creative thinking and technical skills to the next level. With support from their teacher, students will choose a subject or theme that is personally meaningful to them. They'll research artist models, plan and produce a series of photographic artworks that reflect their ideas, interests, and artistic voice, resulting in a three-panel folio submission.

Students will explore a range of techniques such as manual camera settings, lighting, composition, and digital editing and document their creative journey through workbook development.

A key part of this course is the opportunity to explore how photography can reflect Biblical themes such as creation, celebration, and beauty. Students are encouraged to consider how their work can express the wonder of God's creation and their own identity and faith in thoughtful, visual ways.

This course is ideal for students who are passionate about photography, enjoy working independently, and are considering further study or a career in the creative industries. It encourages critical thinking, personal expression, and a deeper engagement with the visual world around them.

Pre-requisites

- Must have achieved a pass in Level 2 Painting, Photography or Design.
- DSLR camera
- Laptop capable of supporting Adobe Photoshop
- Willing to commit to photo shoots outside of class time.

Specific Costs

- Printing \$10 per A1 sheet (3 required)
- Folio board, courier and consumable charge \$30

Achievement Standards

	Number of Credits	
	Ext.	Int.
91447 Use drawing to demonstrate understanding of conventions appropriate to photography		4
91452 Systematically clarify ideas using drawing informed by established photography practice		4
91457 Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.	14	
Total Credits:		22

Alternative Pathways to Qualifications

STAR (Secondary Tertiary Alignment Resource)

The STAR provides learning experiences that link to students' needs and transitions them into tertiary study. Courses may be within the school (such as Barista, First Aid, or online like some first year University courses.) See Mrs Wilson for any requests.

STAR aims are to:

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

Te Kura Correspondence School (13COR)

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

Introduction to Education and Teaching (13IET)

Course Description

This course is designed to prepare students who are interested in a career working with children. The career possibilities include Early Childhood Education and Primary Teaching, Social Work, Nursing etc. 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 for two days per term for three terms, and in the Primary School during timetabled periods.

There is a practical component including Sign Language, Music, Te Reo Māori, Art and resource making. 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 students, and based on their interests and academic needs, the course will be finalised in February 2026

As this is a Gateway funded course, there is a 20 credit requirement for Tertiary Education Commission reporting purposes. These 20 credits must be obtained from the standards below to meet this requirement.

Unit Standards	Number of Credits	
	Ext.	Int.
10013 Explain the relevance of the New Zealand Early Childhood Curriculum Te Whāriki as a framework for programme development		2
29863 Develop, implement and evaluate a learning plan based on observation of a child in an ECE service		5
29864 Demonstrate knowledge of attachment theories, behaviours and transition support in an early childhood setting.		3
29865 Describe and reflect on practices to protect and promote the health and holistic wellbeing of young mokopuna/children		4
29869 Demonstrate knowledge of ethical responsibility to guide practice in an early childhood setting.		3
30911 Demonstrate knowledge of a specified workplace.		3
Total Credits: 20		

Tourism and Hospitality (13TAH)

Course Description

The class is open to Year 13 students who are interested in a career pathway in tourism and hospitality. Students will also learn work skills relevant to the industry. Guest speakers and tertiary liaisons will be invited to make presentations to the class. Students will complete 10 days of work experience outside school hours. Recommended to study alongside Food Technology, Geography, Business Studies, Physical Education.

As this is a Gateway funded course, there is a 20 credit requirement for Tertiary Education Commission reporting purposes. These 20 credits must be obtained from the standards below to meet this requirement.

Unit Standards	Number of Credits	
	Ext.	Int.
3727 Demonstrate knowledge of Pacific Island countries as visitor destinations		5
26461 Demonstrate knowledge of Asian countries as tourist destinations		8
18211 Demonstrate knowledge of Australia as a tourist destination		5
23766 Demonstrate knowledge of the tourism industry.		5
17593 Apply safe practices in the workplace.		4
17592 Identify the causes of back injury and methods to produce back injury in the workplace.		4
Total Credits: 31		