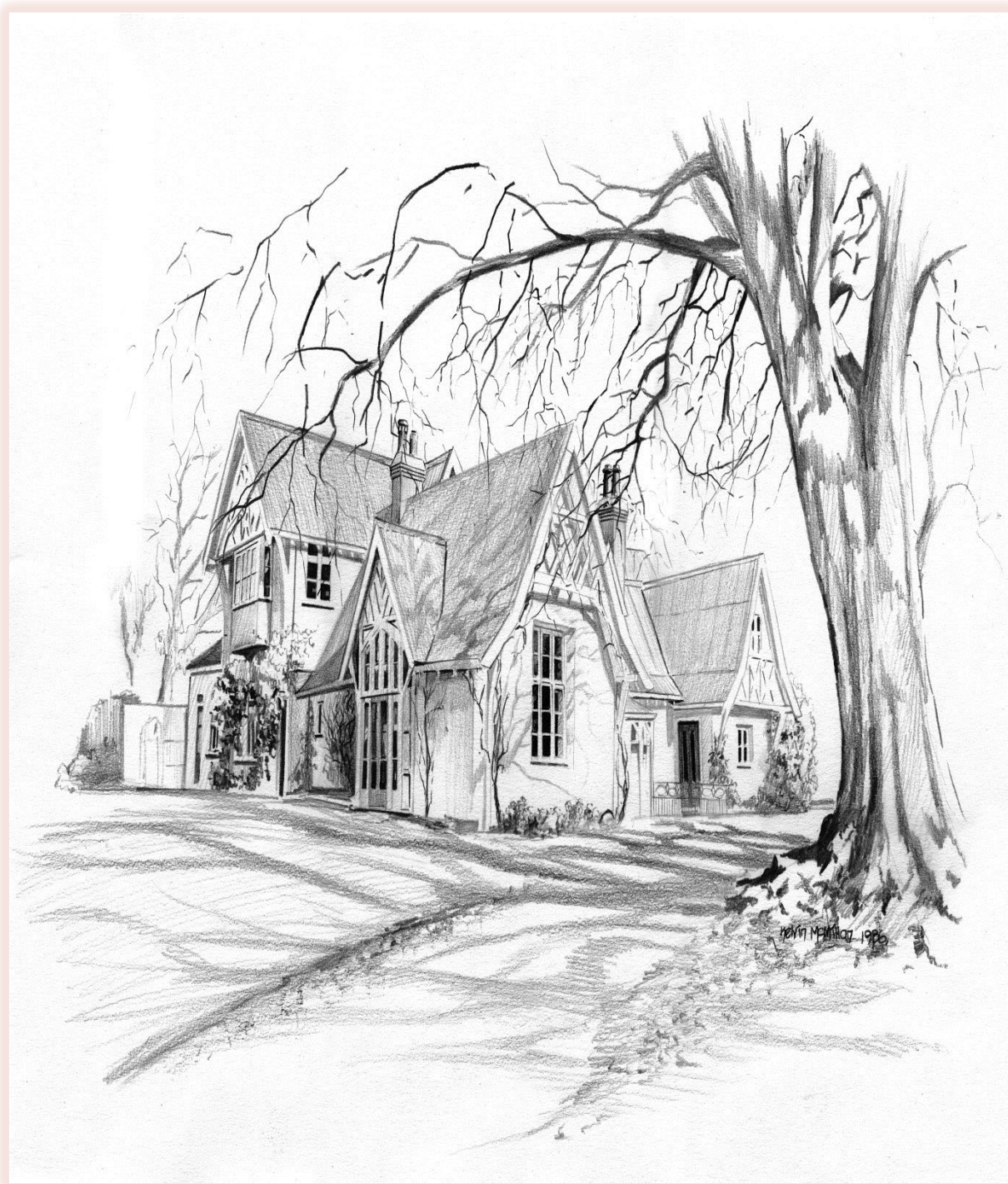


MIDDLETON GRANGE SCHOOL



YEAR 12 COURSE BOOK 2025

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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

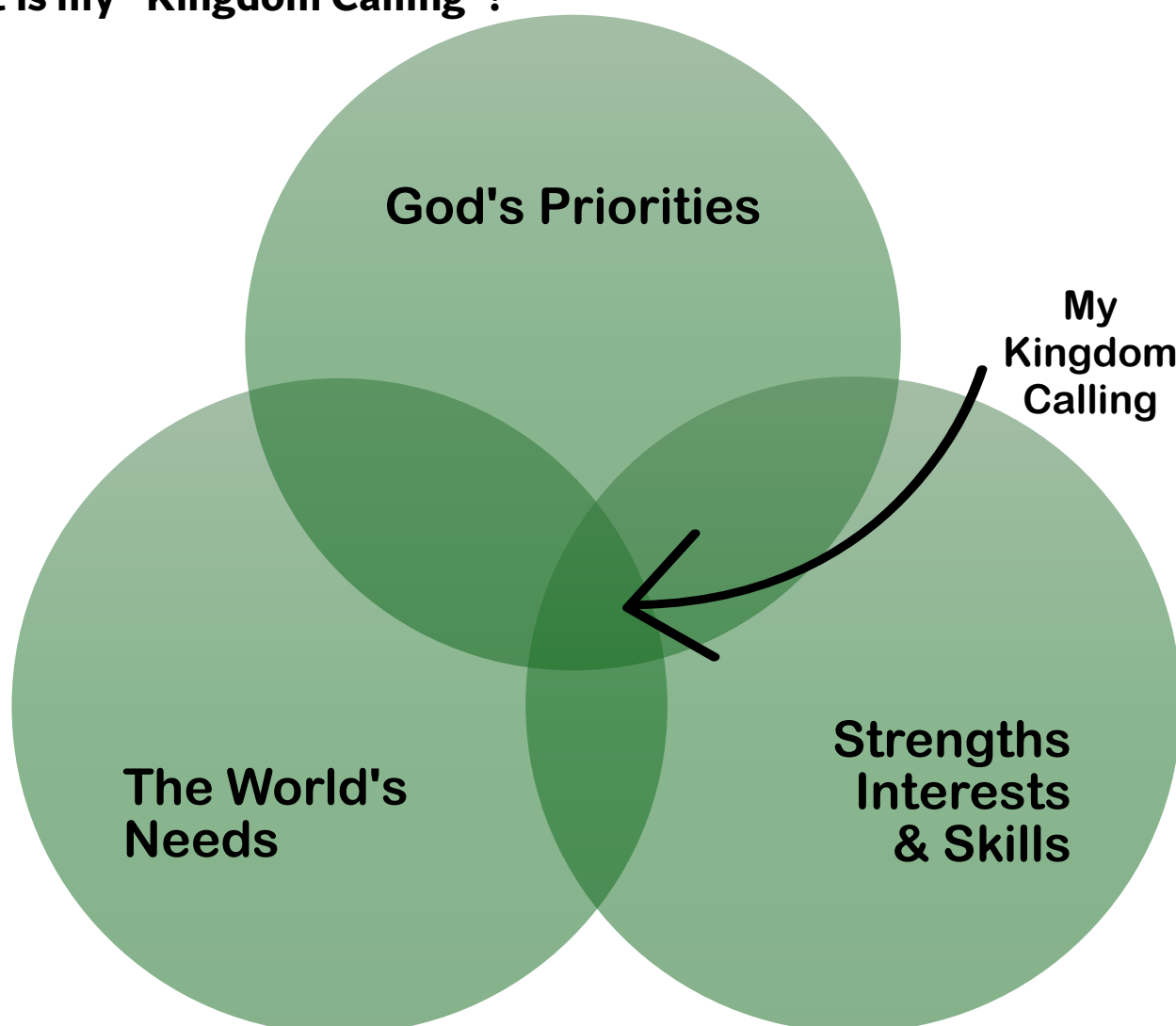
Your education at Middleton Grange involves much more than what you learn during class time. There are many areas in which you might be involved, including sport, music, drama, service, and social situations. Nevertheless, your choice of courses is of profound importance.

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	Christian Studies English - OR - English A	Christian Focus Days
Options →	Choose 3	Choose 4 or 5	Choose 5 or 6
	<p>Social Sciences: Commerce Classical Studies Geography History</p> <p>Physical Education: Physical Education</p> <p>Drama: Drama</p> <p>Music: Music Contemporary 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 Media Skills for Employment & Education</p> <p>English - choose ONE of: English Communication English General (co-ed) English General (girls) English General (boys) English Literature English A</p> <p>Mathematics: (students will be placed into the appropriate course)</p>	<p>English: English English A Media Studies Akoranga</p> <p>Mathematics: 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 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: Introduction 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 A</p>	<p>English: English English A 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 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: Introduction to Education & Teaching Tourism & Hospitality</p>

Please submit your option choices by **Friday 20th September** using the [Kamar web portal](#).

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

OR If you are leaving MGS, please complete [this form](#) 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!

Who's Who in 2025?

Senior Leadership Team



Mr Mike Vannoort
Principal/Tumuaki
mike.vannoort@middleton.school.nz



Mr Craig Utting
Associate Principal
c.utting@middleton.school.nz



Mrs Jenny Addison
Deputy Principal
Staffing & Waiora
j.addison@middleton.school.nz



Mr Dean McKenzie
Deputy Principal
School Management
d.mckenzie@middleton.school.nz



Mrs Christine Buckley
Deputy Principal
Head of Primary School
c.buckley@middleton.school.nz



Mr Tony Kendrew
Deputy Principal
Head of Middle School
t.kendrew@middleton.school.nz



Mr Shane McConnell
Deputy Principal
Head of Senior College
s.mcconnell@middleton.school.nz



Mrs Colleen Steyn
Director
International College
c.steyn@middleton.school.nz

Assistant Heads of School

Mr Simon Bisseker

Middle School

s.bisseker@middleton.school.nz

Mrs Louise Arndt

Senior College

l.arndt@middleton.school.nz

TBC

Senior College

Deans

Year 11 girls

TBC

Year 11 boys

TBC

Year 12 girls

Mrs Yvette Hodge

y.hodge@middleton.school.nz

Year 12 boys

Mr Chris Murray

c.murray@middleton.school.nz

Year 13 girls

Miss Ashley Wallace

a.wallace@middleton.school.nz

Year 13 boys

Mr Isaac Stanton

i.stanton@middleton.school.nz

International College

Mr David Farmer

david.farmer@middleton.school.nz

Tertiary & Vocational Guidance: Mrs Nicole Bailey

n.bailey@middleton.school.nz

Heads of Faculties

Scripture/Christian Studies	Mr Peter Collier	p.collier@middleton.school.nz
English	Mr Scott Aitken	s.aitken@middleton.school.nz
Mathematics and Statistics	Miss Ashley Wallace	a.wallace@middleton.school.nz
Science	Mr James Harris	j.harris@middleton.school.nz
Social Sciences	Mrs Dale James	d.james@middleton.school.nz
Physical Education & Health	Mr Andrew O'Neill	a.oneill@middleton.school.nz
Technology	Mr Patrick Baker	p.baker@middleton.school.nz
Learning Languages	Mrs Angela Paley	a.paley@middleton.school.nz
Scripture/Christian Studies	Mr Peter Collier	p.collier@middleton.school.nz
English	Mr Scott Aitken	s.aitken@middleton.school.nz

Curriculum Leaders & Teachers in Charge

Drama	Mr Michael McCormack	m.mccormack@middleton.school.nz
ESOL	Mrs Gaylene Anderson	g.anderson@middleton.school.nz
IET	Mrs Nicole Bailey	n.bailey@middleton.school.nz
Learning Support	Mrs Kathy McAuley	k.mcauley@middleton.school.nz
Music	Mr Simon Bissek	s.bisseker@middleton.school.nz
Pasifika	Mrs Nicole Bailey	n.bailey@middleton.school.nz
Principal's Nominee	Mrs Janet E Dixon	j.dixon@middleton.school.nz
SMS & Data Manager	Mr Martin de Ruiter	m.deruiter@middleton.school.nz
Tourism & Hospitality	Mrs Nicole Bailey	n.bailey@middleton.school.nz
Visual Art	Ms Kirsten Anderson	k.anderson@middleton.school.nz
Vocational Pathways	Mrs Nicole Bailey	n.bailey@middleton.school.nz

Support Staff

Student Services	Mrs Carole Thomson	c.thomson@middleton.school.nz
Student Services	Mrs Vanessa Manning	v.manning@middleton.school.nz
Reception	Mrs Donna Wilson	d.wilson@middleton.school.nz
Attendance Officer	Mrs Anna McConchie	a.mcconchie@middleton.school.nz
EA to the Principal/Tumuaki	Mrs Hillary Carley	h.carley@middleton.school.nz
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Libraries Manager	Miss Becky Howie	b.howie@middleton.school.nz
Waiora & Counselling	Mrs Wendy Bowen Graham	w.bowengraham@middleton.school.nz
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Waiora & Counselling	Mrs Jacky Smith	j.smith1@middleton.school.nz
Business Manager	Mr Paul Hartstonge	p.hartstonge@middleton.school.nz
Property Manager	Mr Ben Knowles	b.knowles@middleton.school.nz
Finance & Payroll	Mrs Libby Davis	l.davis@middleton.school.nz
Finance Assistant	Mrs Hannelie Viljoen	h.viljoen@middleton.school.nz
Uniform Shop	Mrs Lauren Cleaver	uniform@middleton.school.nz
Director of Sport	Mr Sam Tang	sport@middleton.school.nz
Performing Arts	Mrs Rhian Horn	venuehire@middleton.school.nz
Co-ordinator/Venue Hire		

International College

Assistant Director	Mr David Farmer	david.farmer@middleton.school.nz
Administration Manager	Mrs Yolandy Stander	yolandy.stander@middleton.school.nz
Student/Homestay		
Co-ordinator	Ms Jana de Jongh	j.dejongh@middleton.school.nz

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.

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 in Year 13 Course Information Document.

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.

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

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

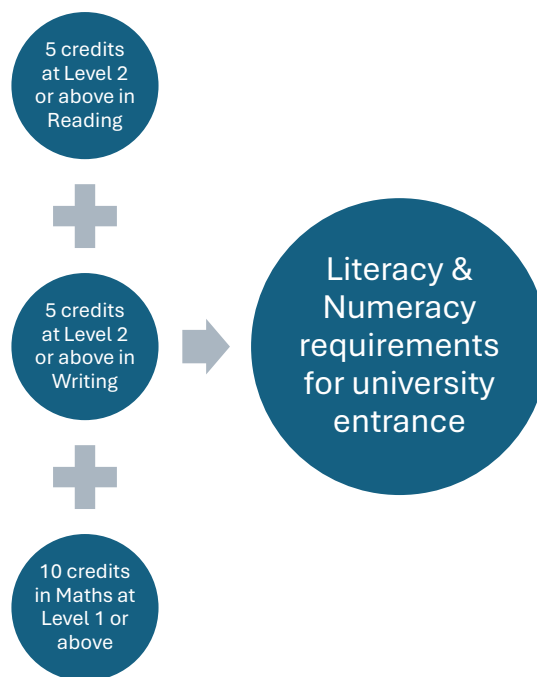
Excellence = 4, Merit = 3 and Achieved = 2. Unit standards = 2 points

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

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

Helpful Careers Advice

- Mrs Bailey, the **Tertiary and Vocational Coordinator** at school – n.bailey@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 deter 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.

English

There are four separate English course options at Level 2. Head of Faculty (Mr Scott Aitken) and Assistant Head of Faculty (Mrs Cassie Foster) will be happy to provide guidance if required.

English - Communication (12ENC)

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 students in this class via the Learning Centre and/or teacher aides. Students 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 18/19.

Pre-requisites

Satisfactory grades from Year 11, or by negotiation with Head of Faculty

Achievement Standards

	Number of Credits	
	Ext.	Int.
91098 Analyse specified aspect(s) of studied written text(s), supported by evidence. AND	4	
91100 Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.	4	
91102 Construct and deliver a crafted and controlled 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. OR		4
91107 Analyse aspects of visual and/or visual text(s) through close viewing and/or listening, supported by evidence.		3

Total Credits: 18/19

English - General 12ENB (Boys' class), 12ENF (Girls' class), 12ENM (Mixed class)

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

Satisfactory grades from Year 11, or by negotiation with Head of Faculty

Achievement Standards

	Number of Credits	
	Ext.	Int.
91098 Analyse specified aspect(s) of studied written text(s), supported by evidence. OR	4	
91099 Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	4	
91100 Analyse significant aspect(s) of unfamiliar written text(s) through close reading, supported by evidence	4	
91101 Produce a selection of crafted and controlled writing.		6
91102 Construct and deliver a crafted and controlled oral presentation.		3
91106 Form developed personal responses to independently read texts, supported by evidence. OR		4
91107 Analyse aspects of visual and/or visual text(s) through close viewing and/or listening, supported by evidence.		3

Total Credits: 20/21

English – Literature (12ENL)

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

Satisfactory grades from Year 11, or by negotiation with Head of Faculty

Achievement Standards

	Number of Credits	
	Ext.	Int.
91098 Analyse specified aspects of studied written text(s) through close reading, supported by evidence.	4	
91100 Analyse significant aspect(s) of unfamiliar written text(s) through close reading, supported by evidence	4	
91101 Produce a selection of crafted and controlled writing.		6
91102 Construct and deliver a crafted and controlled oral presentation.		3
91104 Analyse significant connections across texts, supported by evidence.		4
OR		
91105 Analyse aspects of visual and/or visual text(s) through close viewing and/or listening, supported by evidence.		4

Total Credits: 21

English A (English Language) 12ENA

Course Description

This course is specifically designed for English Language learners in Year 12, both international and some domestic students, so that they can increase their knowledge of English vocabulary and grammar and gain skills in speaking, listening, reading and writing.

English A also includes Level 2 English standards that enable students to gain some credits for the minimum literacy requirements for University Entrance.

Pre-requisites

Students will be placed in either one or two lines of English A according to their needs, shown by results in Year 11, or pre-entry test results for new students.

Achievement Standards

	Number of Credits	
	Ext.	Int.
91099 Analyse specified aspects of studied visual text, supported by evidence - English Level 2.	4	
91106 Write developed personal responses to independently read texts, supported by evidence -English Level 2. <i>Begin study of this standard and complete it in 2026</i>		5
28068 Write a connected text on a familiar topic		5
30997 Read and understand texts on familiar topics - Eng.Language Level 3		5
31027 Deliver a developed presentation on a familiar topic - Eng.Language Level 3		5

Total Credits: 19

Media Studies (12MDS)

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

Satisfactory grades from Year 11, or by negotiation with Head of Faculty

Achievement Standards

		Number of Credits	
		Ext.	Int.
91251	Demonstrate understanding of an aspect of a media genre.	4	
91252	Produce a design and plan for a developed media product using a range of conventions.		4
91253	Complete a developed media product from a design and plan using a range of conventions.		6
91254	Demonstrate understanding of an ethical issue in the media.		3
Total Credits		17	

Mathematics and Statistics

Mathematics is an important part of God's creation. When God saw all He had made the Bible says that He was very pleased. As we learn more about Mathematics, we also learn more about the incredible universe that God made.

Mathematics is the exploration and use of patterns and relationships in quantities, space, and time. Statistics is the exploration and use of patterns and relationships in data. These two disciplines are related but different ways of thinking and of solving problems. Both equip students with effective means for investigating, interpreting, explaining, and making sense of the world in which they live. The skills of Mathematic and Statistics are part of our daily lives, whether in our work, our personal business, or our recreation. Mathematics and Statistics are also important tools for many other subjects; understanding what is taught in Mathematics and Statistics will make many other subjects easier to understand.

Mathematics – Akoranga (12MAT)

Course Description

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

Pre-requisites

At least Merits in both 91945 (Mathematical Methods) and 91947 (Mathematical Reasoning).

Specific Costs A graphics calculator (preferably Casio e.g. fx-9759G plus), is essential for this course.

Achievement Standards

- 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.
- 91269** Apply systems of equations in solving problems.

Number of Credits

Ext.	Int.
	3
4	
5	
4	
	2
Total Credits: 18	

Mathematics – Tumu (12MTU)

Course Description

Students 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 students who prefer the option of more internal assessments as there is only one external standard.

Pre-requisites

At least 5 credits from the Level 1 Mathematics course, 11MAT or 11MAC

Specific Costs

A graphics calculator (preferably Casio e.g. fx-9759G plus), is essential for this course.

Achievement Standards

- 91256** Apply coordinate geometry methods in solving problems.
- 91258** Apply sequences and series in solving problems.
- 91259** Apply trigonometric relationships in solving problems.
- 91260** Apply networks in solving problems.
- 91267** Apply probability methods in solving problems.
- 91268** Investigate a problem using simulation.
- 91264** Use statistical methods to make an inference.

Number of Credits

Ext.	Int.
	2
	2
	3
	2
4	
	2
	4
Total Credits: 19	

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).

Achievement Standards

- 91256** Apply coordinate geometry methods in solving problems.
- 91258** Apply sequences and series in solving problems.
- 91259** Apply trigonometric relationships in solving problems.
- 91260** Apply networks methods in solving problems.
- 91268** Investigate a situation involving elements of chance using a simulation.
- 91264** Use statistical methods to make an inference.

Pre-requisites

Students who are yet to gain their NCEA Numeracy Corequisite.

Specific Costs

- Scientific calculator (fx-82 or similar) **OR**
- A graphics calculator (preferably Casio e.g. fx-9750G plus or similar). These are not compulsory, but can be used for assessments and are essential at Level 2.

Number of Credits

Ext.	Int.
	2
	2
	3
	2
	2
	4
Total Credits: 15	

Science

In Level 2, there are three Science subjects to select; Biology, Chemistry and Physics. Each of these lead into a Level 3 course of the same subject.

Biology (12BIO)

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 Head of Faculty consider it to be of educational advantage to students to do so.

Pre-requisites

Minimum of 12 credits in Level 1 Science, including a passing grade in 90948 (Genetics)

Specific Costs

A "write-in" workbook \$23.

Number of Credits

	Ext.	Int.
91153 Carry out a practical investigation in a biology context, with supervision		4
91155 Demonstrate understanding of adaptation of plants or animals to their way of life		3
91157 Demonstrate understanding of genetic variation and change.	4	
91158 Investigate a pattern in an ecological community with supervision.		4
91159 Demonstrate understanding of gene expression.	4	
Total Credits: 19		

Chemistry (12CHE)

Course Description

In their study of chemistry students 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

Pre-requisites

Minimum of 14 credits in Level 1 Science, including a passing grade in 90930 (Chemistry investigation) and 90944 (Acids and Bases)

Specific Costs

A "write-in" workbook \$23.

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

Achievement Standards

- | | | Number of Credits | |
|--------------|---|-----------------------|-----------|
| | | Ext. | Int. |
| 91164 | Demonstrate understanding of bonding, structure, properties and energy changes | 5 | |
| 91165 | Demonstrate understanding of the properties of selected organic compounds. | 4 | |
| 91166 | Demonstrate understanding of chemical reactivity. | 4 | |
| 91167 | Demonstrate understanding of oxidation-reduction. | | 3 |
| 91910 | Carry out a practical investigation into a substance present in a consumer product using quantitative analysis. | | 4 |
| | | Total Credits: | 20 |

Physics (12PHY)

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)

Pre-requisites

Minimum of 12 credits in Level 1 Science, including a passing grade in 90940 (Mechanics) and Level 1 Algebra mathematics standard

Specific Costs

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

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

Achievement Standards

- | | | Number of Credits | |
|--------------|--|-----------------------|-----------|
| | | Ext. | Int. |
| 91169 | Demonstrate understanding of physics relevant to a selected context. | | 3 |
| 91171 | Demonstrate understanding of mechanics | 6 | |
| 91172 | Demonstrate understanding of atomic and nuclear physics | | 3 |
| 91173 | Demonstrate understanding of electricity and electromagnetism | 6 | |
| | | Total Credits: | 18 |

Social Sciences

Accounting (12ACT)

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 online software package for learning and assessment of Achievement Standard 91175.

Specific Costs: Calculator

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.

Number of Credits

Achievement Standards

	Ext.	Int.
91174 Demonstrate understanding of accounting concepts for an entity that operates accounting subsystems	4	
91175 Demonstrate understanding of accounting processes using computer software		4
91176 Prepare financial statements for small to medium sized sole proprietor business	5	
91177 Interpret financial information for small to medium size sole proprietor businesses	4	
91179 Demonstrate understanding of an accounts receivable subsystem for an entity		3

Total Credits: 20

Business Studies (12BUS)

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 local community. 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 business 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.

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

Number of Credits

Achievement Standards

	Ext.	Int.
90844 Demonstrate understanding of how a large business responds to external factors	4	
90846 Conduct market research for a new or existing product		3
90847 Investigate the application of motivation theory on a business.		3
90848 Carry out, review and refine a business activity within a community context with		9

Total Credits: 19

Classical Studies (12CLS)

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.

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

- Achieved Literacy co-requisite,
- Entrance at the discretion of the Teacher in Charge.

Achievement Standards

- | | 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 |
| 91203 Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures. | | 6 |

Number of Credits

Total Credits: 18

Economics (12ECO)

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, growth and unemployment.

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

Specific Costs

Calculator

Achievement Standards

- | | Ext. | Int. |
|--|------|------|
| 91222 Analyse inflation using economic concepts and models | 4 | |
| 91224 Analyse economic growth using economic concepts and models | 4 | |
| 91225 Analyse unemployment using economic concepts and models | | 4 |
| 91227 Analyse how government policies and contemporary economic issues interact | | 6 |

Number of Credits

Total Credits: 18

Geography (12GEO)

Course Description

Level 2 Geography builds on the knowledge and skills gained at level 1 and continues to prepare students for an active role in partnering with 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) using Geographic concepts and skills. It is expected that two field trips of one-day each will take place during the year. Dates have yet to be confirmed.

Achievement Standards

- 91940** Demonstrate geographic understanding of a large natural environment
91243 Apply geographic skills and concepts
91244 Conduct geographic research with guidance
91245 Explain aspects of a contemporary geographic issue
91246 Explain aspects of a geographic topic at a global scale

Pre-requisites

- Achieved Literacy co-requisite.
- Entrance at the discretion of the Teacher in Charge.
- Previous study in geography is desirable

Specific Costs

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

Number of Credits

	Ext.	Int.
	4	
	4	
		5
		3
		3
Total Credits:	19	

History (12HIS)

Course Description

The study of History is an essential academic discipline that delves into the past to understand and interpret the events, cultures, and societies that have shaped the world we live in today. The study of History also emphasizes critical thinking and analysis, prompting students to examine different historical perspectives and draw their conclusions based on evidence. Furthermore, the study of history encourages empathy and an understanding of diverse cultures, fostering an appreciation for God's creation and the inherent worth of every individual.

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

- Achieved Literacy co-requisite.
- Entrance at the discretion of the Teacher in Charge.
- Previous study in history is desirable

Number of Credits

	Ext.	Int.
91229 Carry out an inquiry of an historical event or place that is of significance to New Zealanders.		4
91231 Examine sources of an historical event of significance to New Zealanders	4	
91232 Interpret different perspectives of people in an historical event of significance to New Zealanders		5
91233 Examine causes and consequences of a significant historical event		5
Total Credits:	18	

Pasifika Studies (12PAS)

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 take Pasifika Studies in Year 13 will not study the same topics.

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 Level 3 for instruction, but students will complete assessments appropriate to their year

Achievement Standards	Number of Credits	
	Ext.	Int.
91279 Demonstrate understanding of conflict(s) arising from different cultural beliefs and ideas OR	4	
91281 Describe how cultural conflict(s) can be addressed	4	
91280 Conduct and reflective social inquiry		5
91282 Describe personal involvement in a social action related to rights and responsibilities		5
91283 Describe a social action that enables communities and/or nations to meet responsibilities and exercise rights		4
	Total Credits:	18

Physical Education and Health

Physical Education (12PED)

Course Description

Students contemplating this course should enjoy the challenges and variety of sport, and physical activity. The course combines practical and reflection aspects and students need to be prepared to work equally diligently in both practical and reflection areas. Assessments have a high practical focus and are in the context of Tapu Ae, Rogaine and Turbo Touch.

Pre-requisites

- Preference is given to students who studied 11PED and entrance is at the discretion of Head of Faculty.
- It is expected that students play a winter and/or summer sport
- PE uniform is required for practical sessions

Achievement Standards	Number of Credits	
	Ext.	Int.
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
91336 Analyse group processes in physical activity.		3
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 Credits:	18

Scripture/Christian Studies

Christian Studies (12CHR)

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

Achievement Standards

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

Number of Credits

Ext.	Int.
	6

Total Credits: 6

Technology

Design and Visual Communication (12DVC)

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

Successful completion of Level 1 DVC course as the work at Level 2 builds on the knowledge and skills acquired through Level 1.

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

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

Number of Credits

Ext.	Int.

Total Credits: (14-18)

Food and Nutrition (12FNT)

Course Description

In the Level 2 Food and Nutrition course, the focus is on the nutritional needs of individuals and families. Both nutrition knowledge and student 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 options 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, students need to bring their own laptop to class

Specific Costs

Approximately \$150 for food used in practical work

Achievement Standards

	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 NZ		5
91302 Evaluate sustainable food related practices		5

Total Credits: 19

Workshop Technology (12WTC)

Course Description

This course builds on the work covered in Year 11 and is assessed against BCITO Unit Standards. These standards incorporate a mixture of small-group outdoor builds, and individual construction projects.

Pre-requisites

It is highly recommended that students should have completed Year 11 Workshop Technology

Specific Costs

- Projects cost approximately \$50-150
- To support the course, students are encouraged to design and build projects. Student projects that cost over \$50 in materials are to be parent approved before construction and materials will be invoiced to parents
- Material for instructional purposes is supplied.

BCITO Standards

	Ext.	Int.
12927 Identify, select, maintain and use hand tools for BCATS projects		6
24350 Demonstrate knowledge of health and safety legislation and apply safe working practices		4
22129 Construct and perform routine maintenance on a basic residential timber fence		4
31812 Complete a BCATS project		6
OR		
12932 Construct timber garden furniture as BCATS projects		8

Total Credits: 20-22

Computer Science and Programming (12DTC)

Course Description

Level 2 Computer Science and Programming builds on the knowledge gained in Level 1 Computer Science. It is designed to provide a solid foundation for careers in computing, especially software engineering, and the study of computing at tertiary level. It provides a foundation for the more advanced course in Year 13.

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 1 Computer Science, or some experience with programming in Python is recommended.

Achievement Standards

	Number of Credits	
	Ext.	Int.
91892 Use advanced techniques to develop a database		4
91896 Use advanced programming techniques to develop a computer program		6
91897 Use advanced processes to develop a digital technologies outcome		6
91898 Demonstrate understanding of a computer science concept	3	
	Total Credits:	19

Digital Skills for Employment and Education (12DTS)

Course Description

This Level 2 course, which is 100% internally assessed, is designed for students who want to further their skills in everyday applications. It is suitable for all students, especially those wanting digital technologies skills for educational, personal, or vocational use.

Pre-requisites

- Basic computing literacy/skills. Some experience with MS Word and Excel is highly recommended.
- Adequate literacy skills to understand workbook instructions.
- An ability to work autonomously and independently.

Achievement and Unit Standards

	Number of Credits	
	Ext.	Int.
29769 Use the main features and functions of a word processing application for a purpose		4
29770 Use the main features and functions of a spreadsheet application for a purpose		4
29771 Use the main features and functions of a presentation application for a purpose		3
29772 Manage files and folders using digital devices		2
29774 Use the main features and functions of a desktop publishing application to create documents		4
	Total Credits:	17

Digital Technology Media (12DTM)

Course Description

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

Pre-requisites

Nil. However, students who have completed a Digital Technology course at Level 1 will be well prepared for entry into Level 2 Digital Technology Media.

Achievement and Unit Standards

29773	Produce digital images for a range of digital media		
91357	Undertake effective development to make and trial a prototype		
91890	Conduct an inquiry to propose a digital technologies outcome		
91893	Use advance techniques to develop a digital media outcome		
91897	Use advanced processes to develop a digital technologies		
91899	Present a summary of developing a digital outcome		

Number of Credits

Ext.	Int.
	3
	6
	6
	4
	6
3	

Total Credits: 22

Learning Languages

Spanish (12SPA)

Course Description

Spanish continues to be taught communicatively, building skills in reading, writing, listening, and speaking. Students will reinforce and develop what was learnt in Year 11, which will help to prepare them for internal and external assessments for NCEA Level 2 Spanish. Students will be developing their own language learning strategies. The objectives and content are at level 7 of the Spanish NZ Curriculum Document. At level 7, students begin to engage in sustained interactions and produce extended texts as they explore the views of others and develop and share personal perspectives. The content and language of the communication is targeted to include the expression and justification of their own ideas and opinions, as well as supporting and challenging the ideas and opinions of others. Students can respond to increasingly complex and varied texts.

Topics include:

- Sports and free time
- Food and health
- Spain and Latin America
- Tourism and the environment
- Future plans and jobs
- Family and relationships

Pre-requisites

Successfully completed NCEA Level 1 Spanish (or equivalent). Exemption may be granted by negotiation with the Languages Head of Faculty.

Achievement Standards

*91148	Demonstrate understanding of a variety of spoken texts on familiar matters (Optional Standard)	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	5	4
91151	Demonstrate understanding of a variety of written and/or visual Spanish text(s) on familiar matters..		3
91152	Write a variety of text types to convey information ideas and opinions in genuine contexts.		

Number of Credits

Ext.	Int.
5	
	5
5	4
	3

Total Credits: 24

Te Reo Māori (12MAO)

Course Description

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

The actual course will be made up from a selection of the following assessments based on the abilities and interests of the students in the class.

Pre-requisites

Successfully completed NCEA Level 1 Māori or by negotiation with Teacher in Charge of Māori.

Specific Costs

- Optional day trips
- Optional overnight Marae visit - approximately \$150
- Optional Māori dictionary

Achievement and Unit Standards

- 91284** Whakarongo (listening)
91286 Pānui (reading)
91287 Tuhituhi (writing)
13359 Demonstrate knowledge and skills of mōteatea

Number of Credits

Ext.	Int.
	4
6	
6	
	6

Total Credits: 22

Drama

Drama (12DRA)

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 students 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

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

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

Pre-requisites

Although success at Level 1 offers an advantage, the enthusiastic student beginning curriculum drama at this level will find the course both interesting 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 AS91219.

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

Number of Credits

Ext.	Int.
	4
	5
	4
	5

Total Credits: 22

Music

Music (12MUS)

Course Description

Level 2 Music provides an opportunity for students to specialise in one of four musical pathways; recording, performing, writing, or musicology. All students 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 students who have specific areas within music that they are passionate about. Students 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 and present in order to develop students' abilities in composition, performance and production. Communicating these abilities to an audience is a key focus of the course.

Note: Student's chosen pathway will be equivalent to 21-22 of the following credits

Achievement Standards and Unit Standards

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

Pre-requisites

- Students *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.
- Students are expected to participate in a school music group.

Specific Costs

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

Total Credits: Up to 21-22

Visual Art

Art Design (12ARD)

Course Description

Students will use art making processes and procedures and apply this to their own personal investigation. They will set their own design brief, producing promotional materials based on their own investigations and tasks set by their teacher. The student will discuss their idea with their teacher and negotiate an approach. The focus of the course during this year has moved from an exploration of media in Level 1 to an exploration of personal subject matter and the development of a sustained body of evidence/work, based on established practice.

The evidence of the art-making process will be assessed internally and the artworks themselves will be verified externally as a folio-board submission (two boards). The folio board is developed through the successful application of conventions, methods and processes explored through the internal component of the course.

Pre-requisites

- Limited places are available in this course - preference will be given to students who have passed Level 1 Art.
- Computer knowledge is beneficial

Specific Costs

Printing and specialty paper \$55.00

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.

Number of Credits

Ext. Int.

4

4

12

Total Credits: 20

Art Painting (12ARP)

Course Description

Students will develop their own theme with the guidance of their teacher, exploring various art-making conventions to create a series of related artworks. Throughout the year, they will refine their skills and ideas, culminating in a two-panel folio that showcases their focused artistic journey and personal expression. The art department aims to support students in engaging in the arts to appreciate God's creation and express their faith, identity, and emotions in ways that words cannot, deepening their connection to Him and His purpose for us.

Pre-requisites

Limited places are available in this course. Preference will be given to students who have studied Level 1 Art.

Specific Costs

Printing and specialty paper \$20.00

Achievement Standards

- 91311** Use drawing methods to apply knowledge of conventions appropriate to painting
- 91316** Develop ideas in a related series of drawings appropriate to established painting practice.
- 91321** Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.

Number of Credits

Ext. Int.

4

4

12

Total Credits: 20

Art Photography (12APH)

Students will use art making processes and procedures learnt in the previous year and apply this to their own personal investigation. The student will set their own photography brief, producing a series of photographic art works based on their own investigations and tasks set for the class by their teacher. The student is given the opportunity to initiate their own artwork and choose their own subject matter via a brief. They will discuss their ideas with their teacher and negotiate an approach. The focus of the course during this year has moved from an exploration of media, and identity in Level 1 to a more specific exploration of personal subject matter, or a theme of significance to the student. They will develop of a sustained body of evidence/work, based on established practice. The evidence of the art-making process will be assessed internally and the artworks themselves will be verified externally as a folio-board submission (two boards). The internal standard requires the student to use conventions appropriately and develop ideas in a related series of drawings related to established photographic practice. The folio board is developed through the successful application of methods and processes explored through the internal component of the course.

Pre-requisites

Previous years studying Art is advantageous.

Specific Costs

- Printing and specialty paper \$55.00
- Digital camera with manual settings and ability to change the aperture and shutter speed is required.
- Tripod (helpful)
- Locker key bond (refundable) \$20

Achievement Standards

		Number 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
91922	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	12	

Total Credits: 20

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 Bailey, or 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 (12COR)

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 Bailey. They would do the subject during their study time.

Tourism and Hospitality (12TAH)

Course Description

The class is open to Year 12 students who are interested in a career pathway in tourism and/or hospitality. Students 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. Students will complete two weeks of work experience outside school hours. Recommended to study alongside Food Technology, Geography, Business.

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.
10780 Complete a work experience placement -Level 2		3
17284 Demonstrate knowledge of coffee origin and production		4
17285 Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision -Level 2		4
17592 Identify the causes of back injury and methods to prevent back injuries in the workplace		4
17593 Apply safe work practices in the workplace		3
24728 Demonstrate knowledge of work roles in tourism -Level 2		3
24729 Demonstrate knowledge of world tourist destinations. -Level 2		4
24731 Demonstrate knowledge of destination New Zealand. -Level 2		4
31070 Explain the importance of Māori Place Names and use Reo Māori greetings and Farewells in Tourism. -Level 3		4
	Total Credits:	29

Introduction to Education and Teaching (12IET)

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.

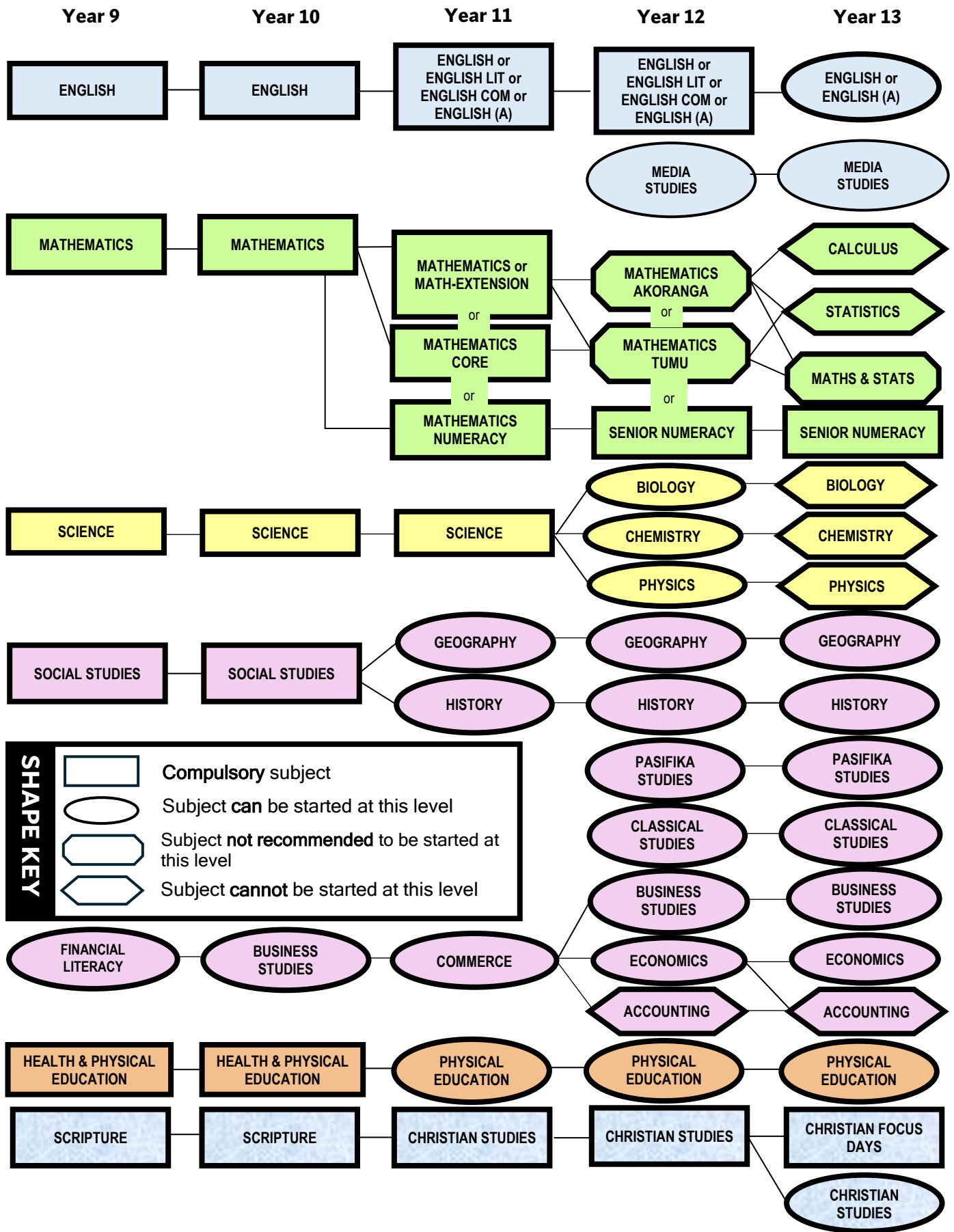
There is a practical component including Sign Language, Music, Te Reo Māori, Art and resource making. Personal development and growth is an important aspect of the course with various tools used to foster this including the Strengths Finders team coaching.

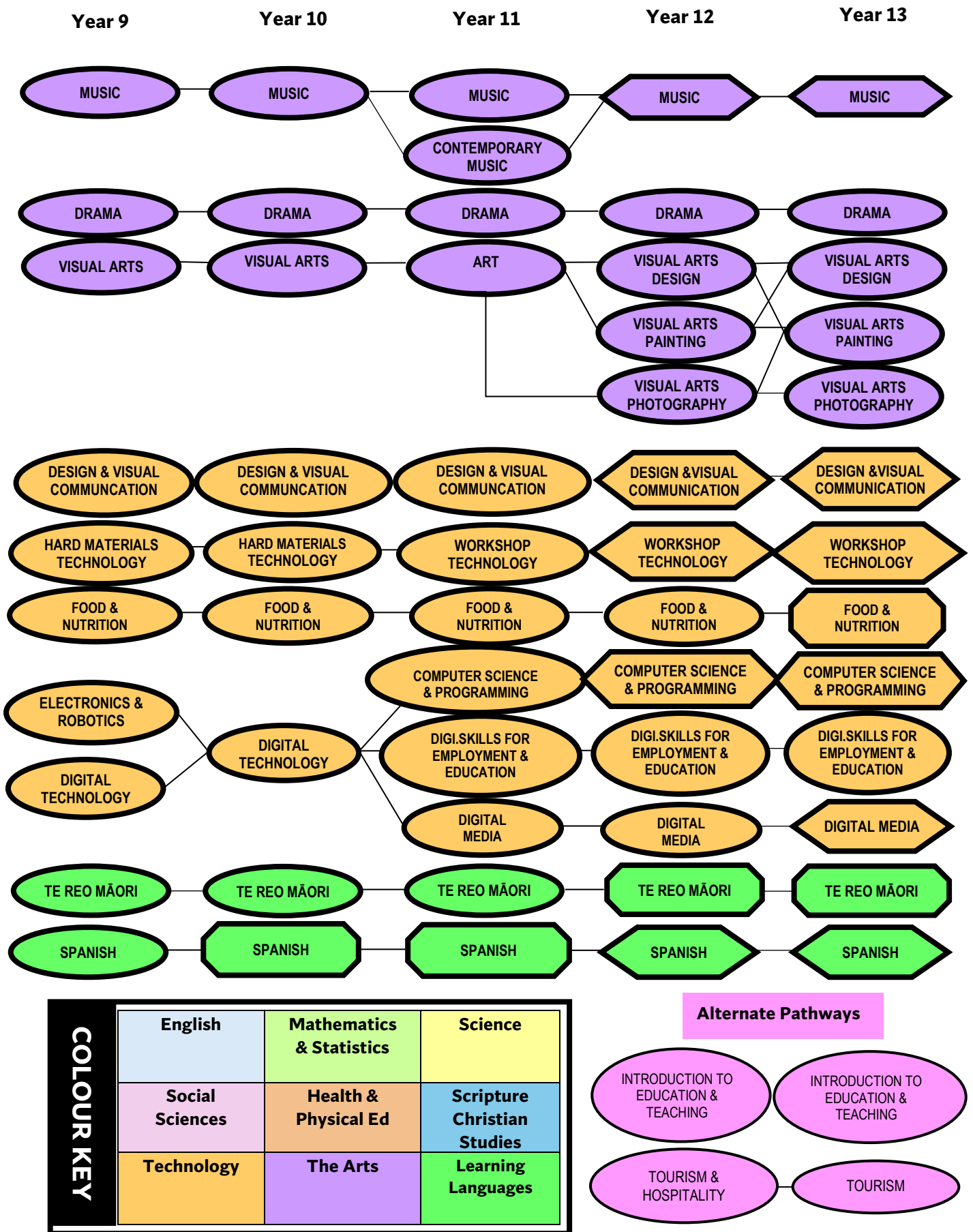
In consultation with the students, and based on their interests and academic needs, the course will be finalised in February 2025

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.
10026 Demonstrate knowledge of mokopuna/children's holistic development and learning in an Early Childhood Setting		5
10780 Complete a work experience placement		3
17592 Identify the causes of back injury and methods to prevent back injuries in a workplace		4
17593 Apply safe work practices in the workplace		4
26707 Describe the value of play and create resources for children's development and learning in an IET service		4
26708 Develop respectful, responsive and reciprocal relationships with children in an IET service		4
29867 Demonstrate knowledge of diverse whānau/families and use a range and effective communication strategies in an IET service		5
	Total Credits:	29

Middleton Grange Subject Pathway





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