



**SENIOR CURRICULUM  
HANDBOOK  
and  
GUIDE TO NCEA COURSES  
2026**

# SENIOR CURRICULUM HANDBOOK 2026

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# The Senior Curriculum Handbook - 2026

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The Senior Curriculum Handbook is an important part of each student's academic pathway through Rongotai College – it provides important information on the courses and subjects that are available at the school.

Well-informed course selection is crucial. It is important that families and their sons spend time discussing the appropriate courses for their future aspirations. **In general terms, courses should be chosen which leave doors open, as young men are likely to change their goals as they move through the senior school.**

If students wish to find specific information regarding careers or university study, they should firstly view the appropriate section on the school website and should then make an appointment to see staff in the Careers Department. There are also many other avenues for advice within the college, from Senior Management to Heads of Department and year level Deans.

## Availability of Subjects

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Availability of subjects will depend on staffing and student numbers. If numbers for a subject are too low, the subject may be combined with another, be taught out of normal class hours, or withdrawn.

**It is important therefore to make correct selections now, so subjects are not removed from the 2026 timetable due to low student numbers.**

## National Certificate of Educational Achievement (NCEA)

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The National Certificates of Educational Achievement (NCEA) are the national secondary school qualification of New Zealand, and are controlled by the New Zealand Qualifications Authority (NZQA).

There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. Rongotai College offers courses at all three levels.

At each level, students must achieve a certain number of credits to gain an NCEA certificate. Credits can be gained over more than one year.

The Level 1 Literacy and Numeracy co-requisites can be gained in any year, but no NCEA qualification can be gained until the co-requisites are gained. The co-requisites can be gained through the Common Assessment Activities (CAAs) held in May and September each year.

You will have achieved an NCEA qualification when you meet the following requirements:

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<b>Level 1</b>	60 credits are required at any level (Level 1 or higher) AND the Literacy and Numeracy co-requisites (10 credits for literacy and 10 credits for numeracy, which are not counted in the 60 credits). <i>For 2026, literacy and numeracy can come from approved standards across a range of subjects, or from the Common Assessment Activities.</i>
<b>Level 2</b>	A minimum of 60 credits at Level 2 or higher The Level 1 <i>literacy and numeracy</i> requirements must also be met.
<b>Level 3</b>	A minimum of 60 credits at Level 3 or above The Level 1 <i>literacy and numeracy</i> requirements must also be met.

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The credits required for each level can be gained over more than one year, and credits gained at one level can be used for (or count towards) more than one Certificate.



Credits gained at one level can be used for (or count towards) more than one certificate. They may also be used towards other qualifications. For example, unit standards in Hospitality might be used towards a Level 2 NCEA certificate, as well as towards a National Certificate in Hospitality (Level 2).

NCEA is based on accumulating credits through internal assessment over a period of time as well as external assessment, so **you need to keep track of where you are towards achieving your qualification**. This can be done through the student and parent portal, or by asking your form teacher to see your Record of Learning. Records of Learning will also be published with your Term 3 and Term 4 school reports.

### Endorsed Certificates

Your NCEA certificate can be 'endorsed' if your overall results are at a high level. For example, you could gain "**NCEA Level 1 with Excellence**" or "**NCEA Level 2 with Merit**".

If you gain **50 credits at Excellence**, your NCEA certificate will be endorsed with **Excellence**. Likewise, if you gain **50 credits at Merit** (or a combination of 50 **Merit and Excellence**) your NCEA will be endorsed with **Merit**.

*You can earn credits counting towards endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above. For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.*

You can also gain a **Course Endorsement** if you gain 14 or more credits at Merit or Excellence in a single year in a course. At least three of these credits must come from externally assessed standards and three from internally assessed standards, except P.E. and Level 3 Visual Art. You do not have to pass the NCEA level to gain a course endorsement.

## University Entrance

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Another important qualification is University Entrance, which entitles a student to a place at a university in New Zealand.

The requirements for gaining University Entrance are:

- **NCEA Level 3, AND**
- **14 Credits in each of three Level 3 courses** that are approved subjects (below is a list of courses at Rongotai that are 'University approved' – as shown on page 3), AND
- **Literacy** – 10 Literacy credits at Level 2 or above, made up of 5 credits reading, 5 credits writing AND
- **Numeracy** – the NCEA Level 1 Numeracy co-requisite.

**NB: This is the minimum standard required for entrance to a New Zealand University.** Entrance to some university courses is restricted, and entry to these courses requires a higher level of achievement at NCEA Level 3. Universities may require a Guaranteed Entry Score based on the 80 best credits gained by students in UE-approved Achievement Standards at Level 3 or higher, and weighted by the level of achievement for entry to some courses.

A rank score will be calculated by weighting the best 80 credits as follows:

1. Excellence – 4 points
2. Merit – 3 points
3. Achieved – 2 points.

The Guaranteed Entry Score varies for each university and each degree course will have differing entry scores and/or course prerequisite requirements. Intending students should contact the university concerned.

The following Level 3 courses offered at Rongotai College have at least 14 credits from approved University Entrance subjects:

Course	Course Code	Course	Course Code
Accounting	3AC	Media Studies	3MD
Biology	3BI	Music Studies	3MU
Calculus	3MC	Painting	3AR
Chemistry	3CH	Photography	3AP
Classical Studies	3CS	Physical Education	3PE
Design	3AD	Physics	3PH
Design & Visual Communication	3DC	Printmaking	3AM
Digital Technologies	3DT	Programming	3PR
Drama	3DR	Samoan	3SA
Economics	3EC	Spanish	3SP
English	3EN and 3EQ	Statistics	3MS
Geography	3GE	Technology	3MT
History	3HI	Te Reo Māori	3MR

## NZ Scholarship

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New Zealand Scholarship provides recognition and monetary reward to the top students in New Zealand in each subject. Scholarship candidates are expected to demonstrate high-level critical thinking, abstraction and generalisation, and to integrate, synthesise and apply knowledge, skills, understanding and ideas to complex situations.

At Rongotai College, Y12 and Y13 students are nominated by their subject teachers or themselves to enter these examinations. Specialist tutorials are conducted by teachers in order to prepare for the assessment.

Information regarding Scholarship in each subject will be communicated early in the academic year. For more information, contact Mr Reddy (Deputy Principal) or Dr Richardson (Gifted and Talented Students Co-ordinator).



# Vocational Pathways

The Ministry of Education has developed a tool it calls “Vocational Pathways”. These pathways let students see how learning and achievement are valued in the workplace in various industries. They provide a clear framework for vocational options and improve the links between education decisions and future employment. Using this tool, students will be able to map and plan towards a clear career goal whether that is in the workforce or moving towards further study.

Six industry pathways have been identified and operate as part of NCEA Level 2:

- Creative Industries
- Primary Industries
- Service Industries
- Social and Community Services
- Manufacturing and Technology
- Constructions and Infrastructure

For each of the sectors identified, a number of assessment standards have been identified by the respective industry training organisations as being important in that area.

Consequently, if a student is aiming for a career in a specific industry sector, vocational pathways can help the student to see which subjects and standards to consider doing at NCEA Level 2.



## Vocational Pathways Awards

By achieving enough credits from the standards recommended by the sector, you can have your NCEA endorsed by one or many vocational pathways. This makes it easier for employers to see if you have the skills, knowledge, strengths and abilities that are relevant to those industries and that they are looking for.

To achieve a Vocational Pathways Award, a student must:

- Achieve NCEA Level 2, which includes literacy (10 credits) and numeracy (10 credits) at Level 1 or above, and
- Achieve 60 Level 2 credits from the recommended Assessment Standards for a Vocational Pathway, including 20 Level 2 credits from Sector-related for the same industry pathway (e.g. Creative Industries).

Students can achieve more than one Vocational Pathway Award if they complete more than one Vocational Pathway. Achievement is recorded on the student’s Record of Achievement and on your vocational pathways profile on [www.nzqa.govt.nz](http://www.nzqa.govt.nz) and on the student/parent portal at [www.rongotai.school.nz](http://www.rongotai.school.nz)

## Vocational Profile Builder

Through your Vocational Pathways Profile you will be able to see a graph which can show you what you plan to learn or your current achievements. Students and parents can enter the standards achieved (or plan to achieve) to build an individual profile. You can find the profile builder at <http://www.youthguarantee.net.nz/vocational-pathways/profile-builder/>

## Job Profiles

There are a large number of roles and occupations in each industry sector. If you haven’t decided and you are thinking about the future, the pathways can help see how your strengths and interests match up to a big range of jobs and study options out there. For careers advice and tips go to:

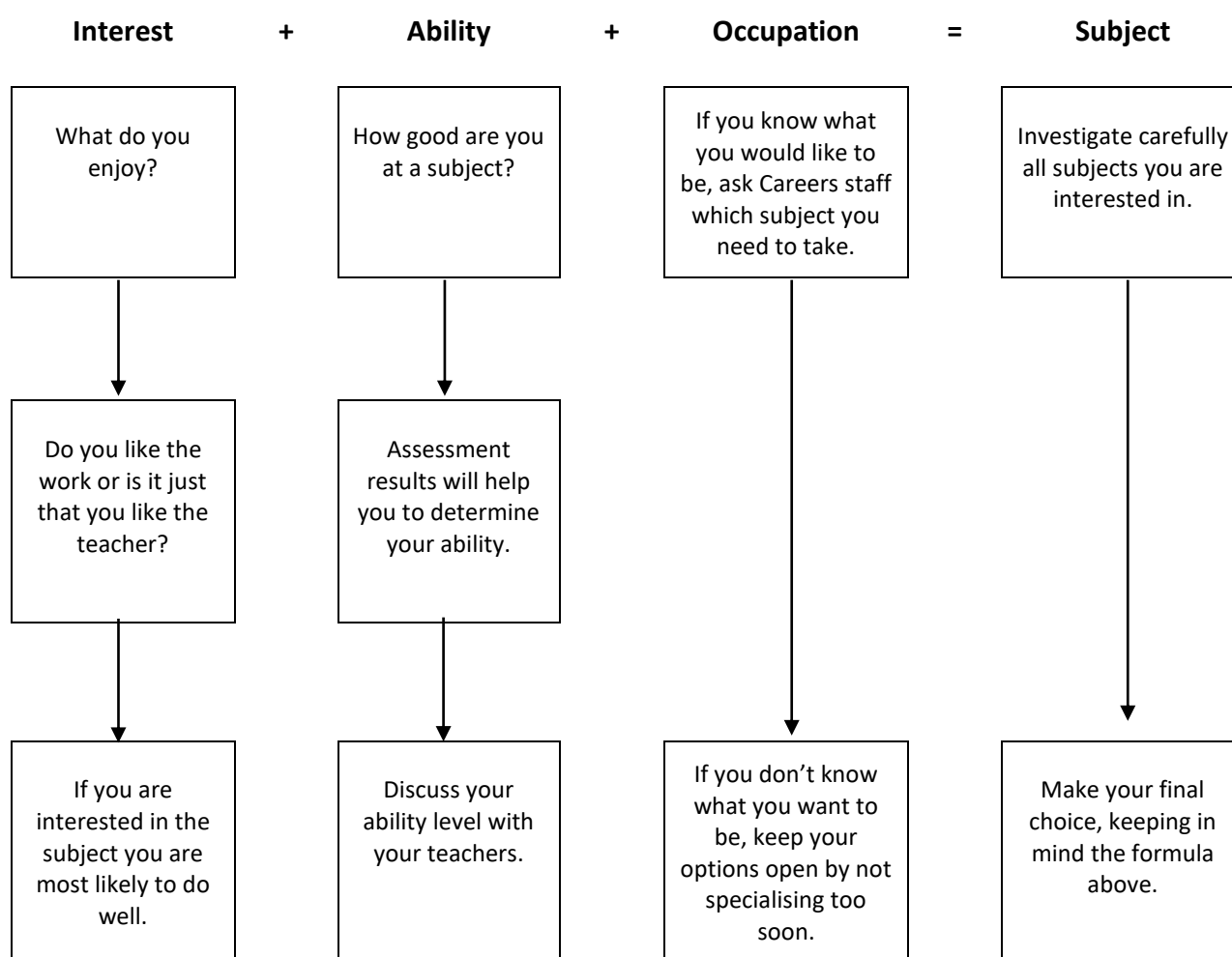
<http://www.mbie.govt.nz/info-services/employment-skills/labour-market-reports/occupation-outlook>

# Choosing Your Course for 2026

Every effort is made to ensure that as many students as possible are able to study a programme of their choice. It is a priority of the school to offer a continuity of courses and to answer student need. Subjects which do not attract sufficient students may not be able to run, or may have to be offered with reduced teacher contact hours.

1. Read this booklet carefully.
2. Seek advice from your form teacher, your current subject teachers, HODs, the Vocational Studies teacher, your year level Dean, and from your family.
3. Log in to the web portal via the Rongotai College webpage. Your form teacher has your username and password. You will be given time in form period to do this.
4. You must have selected your subjects for 2026 **by 8 August, 2025**.

The formula for choosing a programme of study should be:



## WARNING!

This is YOUR choice, for YOUR future  
Two common influences that are NOT valid reasons for subject choice are:

1. What your friends are taking!
2. Who the teacher is!



# Year Level Course Requirements

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- A full time course of study must be undertaken by all students.
  - A full-time course for Year 11 students is 6 subjects.
  - A full-time course for Year 12 students is 6 subjects.
  - A full-time course for Year 13 students studying for Level 3 is 5 or 6 subjects.
  - A full-time course for Year 13 students studying for Level 2 is 6 subjects.
- Students may have an appropriate multi-level course of study if they do not achieve a qualification. There is nothing to prevent students studying at two or three different levels of NCEA – for example, a student who failed to achieve many credits in Mathematics in Year 11 might repeat Mathematics at NCEA Level 1, but do his other subjects at Level 2. This must be discussed with the Dean.

## Year 11 – NCEA Level 1

- English
- Mathematics
- Science
- plus **THREE** other subjects from the list below:

Course	Course Code
Commerce	1COM
Design & Visual Communication	1DC
Web Technologies	1DT
Drama	1DR
ESOL	1ES
Geography	1GE
History	1HI
Hospitality	1HS
Literacy	1LT
Māori	1MR
Material Technology	1MT
Music	1MU
Physical Education	1PE
Samoan	1SA
Spanish	1SP
Visual Art	1AR



## Year 12 – NCEA Level 2

- Students must study **English**
- plus **FIVE** other subjects from the list below, or from the Level 1 list on page 6
- *please note: students who do not achieve the Numeracy co-requisite **MUST** take a Maths course (i.e. 2MA, 2MQ or 2MN) in Year 12*

Course	Course Code	Pre-requisites
Accounting	2AC	1AC
Biology	2BI	Consultation with HOD
Chemistry	2CH	12 credits in 1SC, NCEA Level 1 Literacy & Numeracy
Classical Studies	2CS	NCEA Level 1
Programming	2PR	Merit in AS91076
Design	2AD	12 credits in 1AR
Design & Visual Communication	2DC	Successful completion of 1DC
Web Technologies	2DT	Successful completion of 1DT
Drama	2DR	NCEA Level 1
Economics	2EC	1EC recommended, NCEA Level 1
ESOL	2ES	NCEA Level 1 Literacy
Geography	2GE	1GE recommended, Level 1 Literacy
History	2HI	NCEA Level 1
Hospitality	2HSA	Approval of HoD
Māori	2MR	12 credits in 1MR
Māori Performing Arts	2KH	NCEA Level 1
Material Technology	2MT	10 credits in 1MT
Mathematics	2MA*	12 credits from L1 Mathematics Achievement Stds
Mathematics/Statistics	2MS*	12 credits from L1 Mathematics
Mathematics/Numeracy	2MN	-
Media Studies	2MD	NCEA Level 1
Music Performance	2MP	By consultation with HoD
Music Studies	2MU	By consultation with HoD
Outdoor Education	2OE	NCEA Level 1
Personal Training	2PT	NCEA Level 1
Photography	2AP	-
Physical Education	2PE	12 credits in 1PE
Physics	2PH	12 credits in 1SC (incl 1 external), NCEA Level 1 Literacy & Numeracy
Printmaking	2AM	12 credits in 1AR
Samoan	2SA	12 credits in 1SA
Science	2SC	12 Level 1 Science credits, Literacy and Numeracy
Spanish	2SP	12 credits in 1SP
Trade Training	2TT	-
Visual Art	2AR	12 credits in 1AR
Vocational Studies	2VS	

\* Students wishing to study either 2MA or 2MQ should enter 2MA as your option subject



## Year 13 – NCEA Level 3

- Students studying for Level 3 must choose 5 or 6 subjects from the list below
- Students studying for Level 2 must choose 6 subjects from the list below or the Year 12 list on page 7

Course	Course Code	Pre-requisites
Accounting	3AC	Consultation with HoD
Biology	3BI	10 credits in 2BI & HoD approval
Calculus	3MC	12 Level 2 Maths AS credits, including L2 Calculus
Chemistry	3CH	10 credits in 2CH & HoD approval
Classical Studies	3CS	At least 12 credits in at least 2 Level 2 courses
Programming	3PR	Successful completion of 2DT
Design	3AD	12 credits in 2AR and in consultation with HoD
Design & Visual Communication	3DC	Successful completion of 2DC
Web Technologies	3DT	Successful completion of 2DT
Drama	3DR	NCEA Level 2
Economics	3EC	2EC recommended, Consultation with HoD
English	3EN	12 credits in 2EN, incl 1 external; NCEA Level 2
English – Level 2/3	3EQ	-
Geography	3GE	NCEA Level 2 & HOD approval
History	3HI	NCEA Level 2
Hospitality	3HS	Approval of Teacher-in-Charge
Māori	3MR	12 credits in 2MR
Māori Performing Arts	3KH	No pre-requisite
Materials Technology	3MT	10 credits in 1MR or 2MT
Media Studies	3MD	12 credits in 2MD
Music Performance	3MP	By consultation with HoD
Music Studies	3MU	By consultation with HoD
Outdoor Education	3OE	12 credits in 2PE or 2OE & HoD approval
Painting	3AR	12 credits in 2AR and in consultation with HoD
Personal Training	3PT	12 credits in 2PT or HoD approval
Photography	3AP	Consultation with HoD
Physical Education	3PE	12 credits in 2PE & HoD approval
Physics	3PH	10 credits in 2PH & HoD approval
Printmaking	3AM	12 credits in 2AR or 2AM and in consultation with HoD
Programming	3PR	Successful completion of 2DT or 2PR
Samoan	3SA	12 credits in 2SA
Spanish	3SP	12 credits in 2SP
Statistics	3MS	12 Level 2 Maths AS credits
Trade Training	3TT	See 2TT
Vocational Studies	3VS	HoD approval



# CURRICULUM OVERVIEW 2026

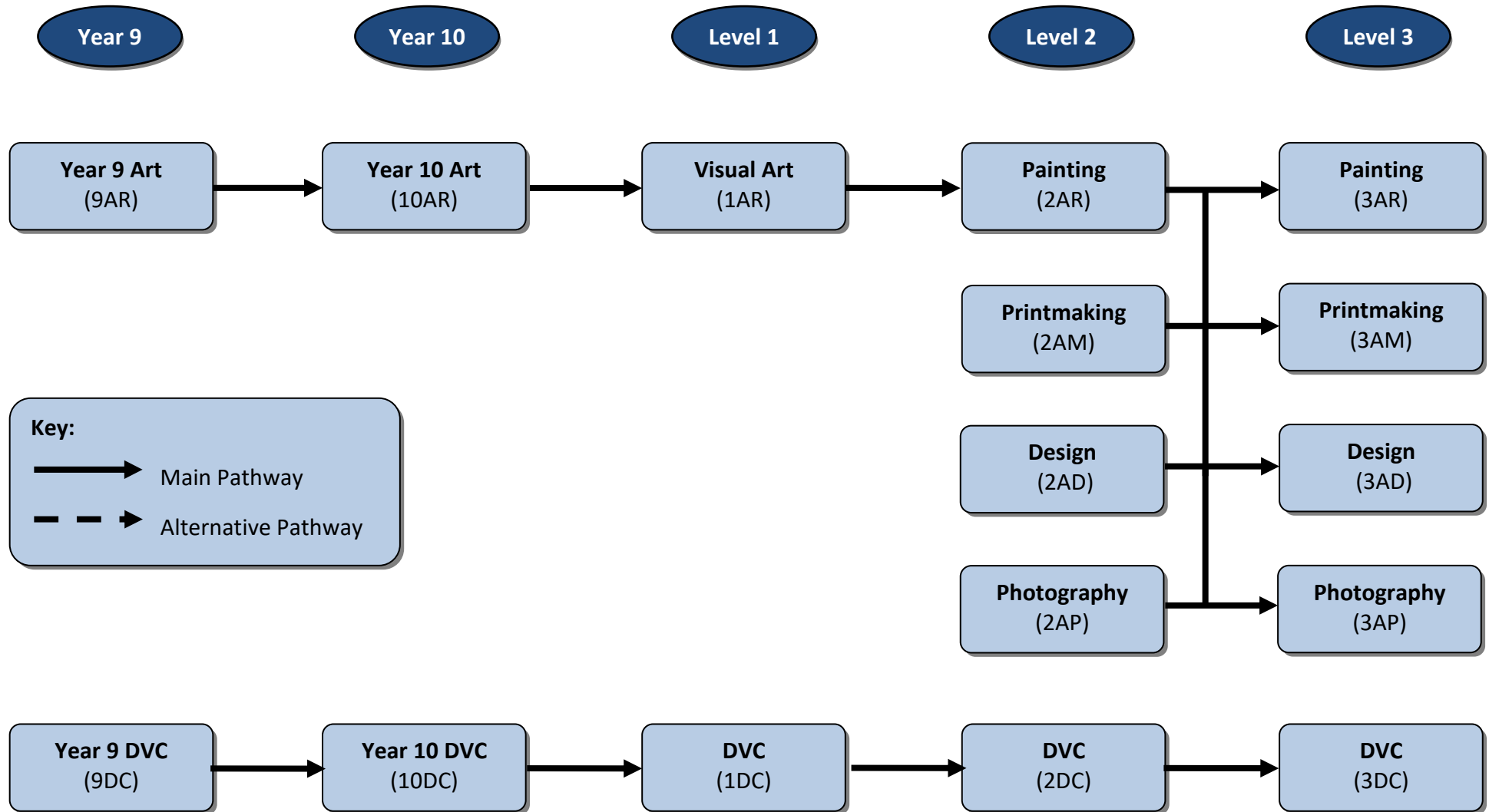
	Year 9	Year 10	NCEA Level 1 Year 11	NCEA Level 2 Year 12	NCEA Level 3 Year 13
<b>Art &amp; Design</b>	Art  DVC	Art  DVC	Visual Art  DVC	Visual Art Printmaking Design Photography DVC	Painting Printmaking Design Photography DVC
<b>Commerce</b>	Commerce	Commerce	Commerce	Economics Accounting	Economics Accounting
<b>Digital Technology</b>	Robotics	Robotics Web Technologies	Web Technologies	Web Technologies Programming	Web Development Programming
<b>English</b>	English*	English*	English* English Literacy Drama	English* Literacy Drama Media Studies	English Drama Media Studies
<b>Health &amp; PE</b>	Health & PE*	Health & PE*	PE	PE Outdoor Education Personal Training	PE Outdoor Education Personal Training
<b>Languages</b>	Samoan Spanish Te Reo Māori	Samoan Spanish Te Reo Māori	Samoan Spanish Te Reo Māori	Samoan Spanish Te Reo Māori Te Ao Haka	Samoan Spanish Te Reo Māori Te Ao Haka
<b>Learning Support</b>	ESOL Junior Literacy	ESOL Junior Literacy	ESOL	ESOL	ESOL
<b>Mathematics</b>	Mathematics*	Mathematics*	Mathematics*	Mathematics Numeracy	Calculus Statistics & Modelling
<b>Music</b>	Music	Music	Music	Music Theory Music Performance	Music Theory Music Performance
<b>Science</b>	Science*	Science*	Science*	Biology Chemistry Physics Science	Biology Chemistry Physics
<b>Social Sciences</b>	Social Studies*	Social Studies*	Geography History	Geography History Classical Studies	Geography History Classical Studies
<b>Trades &amp; Vocational Training</b>	Materials Technology	Materials Technology	Materials Technology  Food Technology and Hospitality	Materials Technology Trade Training Hospitality Vocational Studies	Materials Technology Trade Training Trades Academy Hospitality Vocational Studies

Subjects marked \* are compulsory



# ART DEPARTMENT

## Curriculum Pathways Map



# ART

Art courses enable students to develop techniques and expertise in various facets of art (painting, drawing, printing, design). Students will be expected to research artworks from Māori, Polynesian and European traditions and then generate and develop ideas in making their own artworks.

**Note:** A student may choose a maximum of TWO Art options in any given academic year.

COURSE TITLE	Level 1 Visual Art	Level 2 Painting	Level 3 Painting
COURSE CODE	1AR	2AR	3AR
PREREQUISITE	-	A minimum of 12 credits in 1AR and in consultation with HOD Art	12 credits in 2AR or and in consultation with HOD Art
FEES	\$40	\$40	\$40
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 5 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed and for selected students</li> <li>• 12 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed and for selected students</li> <li>• 14 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Use drawing conventions to develop work and explore processes.</li> <li>▪ Demonstrate understanding of art works from Māori and other cultures.</li> <li>▪ Create a sustained body of related art works</li> <li>▪ Generate and develop ideas in making artworks.</li> </ul>	<ul style="list-style-type: none"> <li>• Produce a body of work within painting to show understanding of art-making methods and ideas.</li> <li>• Students will be expected to work on their own ideas using different drawing and painting methods.</li> </ul>	<ul style="list-style-type: none"> <li>• The painting course uses a variety of techniques in both drawing and painting to produce a body of work giving students a general overall understanding of painting conventions.</li> <li>• Students will be expected to work on their own ideas using different drawing and painting methods.</li> </ul>
<b>CONTACT:</b> Ms Trafford			

## DESIGN

COURSE TITLE		Level 2 Design	Level 3 Design
COURSE CODE		2AD	3AD
PREREQUISITE			
FEES		\$50 + \$50 for printing	\$75 for printing
QUALIFICATION		NCEA Level 2	NCEA Level 3
ASSESSMENT		by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed</li> </ul> and for selected students: <ul style="list-style-type: none"> <li>• 12 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 4 – 8 credits internally assessed</li> </ul> and for selected students: <ul style="list-style-type: none"> <li>• 14 credits externally assessed</li> </ul>
CONTENT		The design course concentrates on giving students the technical skills and design knowledge to enable them to solve a variety of design problems. These briefs will be used as a vehicle to illustrate different graphic and presentation techniques. Gradually, students will be expected to work on design briefs generated by themselves. <ul style="list-style-type: none"> <li>▪ Research an art-making tradition</li> <li>▪ Processes, procedures, materials, techniques.</li> <li>▪ Produce an original art work to show extensive knowledge of art-making methods and ideas.</li> </ul>	The design course concentrates on giving students the technical skills and design knowledge to enable them to solve a variety of design problems. These briefs will be used as a vehicle to illustrate different graphic and presentation techniques. Gradually, students will be expected to work on design briefs generated by themselves. <ul style="list-style-type: none"> <li>▪ Research an art-making tradition</li> <li>▪ Processes, procedures, materials, techniques.</li> <li>▪ Produce an original art work to show extensive knowledge of art-making methods and ideas.</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Ms Trafford			

## DESIGN & VISUAL COMMUNICATION

<b>Design and Visual Communication focuses on the design process, idea development through drawing and the use of design language.</b>			
<b>COURSE TITLE</b>	<b>Level 1 Design &amp; Visual Communication</b>	<b>Level 2 Design &amp; Visual Communication</b>	<b>Level 3 Design &amp; Visual Communication</b>
<b>COURSE CODE</b>	1DC	2DC	3DC
<b>PREREQUISITE</b>	Prior enrolment in 10DC is preferable but not compulsory.	Successful completion of Level 1 DC	Successful completion of Level 2DC
<b>FEES</b>	\$40	\$40	\$40
<b>QUALIFICATION</b>	NCEA Level 1	NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>	by Achievement Standards <ul style="list-style-type: none"> <li>• <i>15 credits</i></li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• <i>20 credits</i></li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• <i>20 credits</i></li> </ul>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Graphic communication and design sketching</li> <li>▪ Architectural and environmental design</li> <li>▪ Engineering and technological design</li> <li>▪ Idea development and refinement</li> </ul>	<ul style="list-style-type: none"> <li>▪ Graphic communication and design sketching</li> <li>▪ Architectural and environmental design</li> <li>▪ Engineering and technological design</li> <li>▪ Idea development and refinement</li> </ul>	<ul style="list-style-type: none"> <li>▪ Graphic communication and design sketching</li> <li>▪ Architectural and environmental design</li> <li>▪ Engineering and technological design</li> <li>▪ Idea development and refinement</li> </ul>
<b>NOTES:</b>			
<b>CONTACT</b> Ms Naran			

# PHOTOGRAPHY

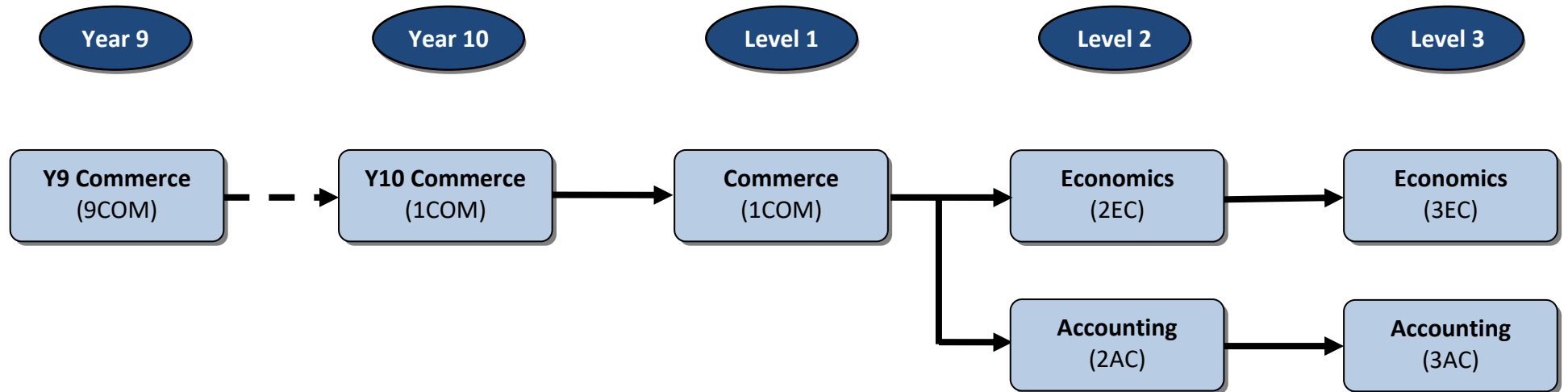
<b>Students will learn all aspects of the taking and processing of photographs.</b>			
<b>COURSE TITLE</b>		<b>Level 2 Photography</b>	<b>Level 3 Photography</b>
<b>COURSE CODE</b>		2AP	3AP
<b>PREREQUISITE</b>		It is an advantage, but not a necessity, to have completed 1AR. The assessment profile of each student will be decided in consultation with the HOD.	It is an advantage, but not a necessity, to have completed 2AR or 2AP. The assessment profile of each student will be decided in consultation with the HOD.
<b>FEES</b>		\$50 + \$50 for printing + \$50 card	\$75 for printing + \$50 card
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed</li> </ul> and for selected students: <ul style="list-style-type: none"> <li>• 12 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed</li> </ul> and for selected students: <ul style="list-style-type: none"> <li>• 14 credits externally assessed</li> </ul>
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Research information, methods and ideas in the context of a drawing study in photography.</li> <li>▪ Generate and develop ideas, using drawing processes and procedures in photography practice.</li> <li>▪ Produce a body of work to show understanding of photography methods and ideas.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Research an art-making tradition</li> <li>▪ Processes, procedures, materials and techniques</li> <li>▪ Produce an original work to show extensive knowledge of photographic methods and ideas.</li> </ul>
<b>NOTES:</b> It is beneficial for students to have a camera but not a requirement. Students will be expected to have reasonable levels of literacy and computer literacy. The Photoshop programme is used. Students may enrol for no more than TWO Level 3 Art courses (Painting, Design, Printmaking, Photography).			
<b>CONTACT:</b> Ms Trafford			

## PRINTMAKING

COURSE TITLE		Level 2 Printmaking	Level 3 Printmaking
COURSE CODE		2AM	3AM
PREREQUISITE		A minimum of 12 credits in 1AR and in consultation with HOD Art	12 credits in 2AR or 2AM and in consultation with HOD Art
FEES		\$40	\$40
QUALIFICATION		NCEA Level 2	NCEA Level 3
ASSESSMENT		by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed</li> </ul> and for selected students: <ul style="list-style-type: none"> <li>• 12 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 4 - 8 credits internally assessed</li> </ul> and for selected students: <ul style="list-style-type: none"> <li>• 14 credits externally assessed</li> </ul>
CONTENT		<ul style="list-style-type: none"> <li>• 2AM includes woodcutting, etching, carving, screen-printing and a range of other related printmaking techniques.</li> <li>• Students will be expected to work on their own ideas using many different drawing and printmaking techniques</li> <li>• Research an art-making tradition</li> <li>• Processes, procedures, materials, techniques.</li> <li>• Produce an original art work to show extensive knowledge of art-making methods and ideas.</li> </ul>	<ul style="list-style-type: none"> <li>• 3AM includes woodcutting, etching, carving, screen-printing and a range of other related printmaking techniques. Students will be expected to work on their own ideas using many different drawing and printmaking techniques</li> <li>• Research art-making traditions</li> <li>• Processes, procedures, materials, techniques.</li> <li>• Produce an original art work to show extensive knowledge of art-making methods and ideas.</li> </ul>
<b>NOTES:</b> Printmaking is a practical Art subject, drawing on cultural content from Māori and Pasifika design. Students may enrol for no more than TWO Level 3 Art courses (Painting, Design, Printmaking, Photography).			
<b>CONTACT:</b> Ms Trafford			

# COMMERCE DEPARTMENT

## Curriculum Pathways Map



**Key:**

————> Main Pathway

- - - -> Alternative Pathway

## COMMERCE & ACCOUNTING

These courses aim to provide a study of the nature and role of accounting and business in society and provide a stimulus and foundation to the study of accounting at university. They will show you how the concepts, processes and systems apply to different types of organisations and will help you to understand how to analyse systems and methods of processing and progress in business. If you are thinking of getting into any form of business the skills you learn in these courses are invaluable. From 2023 onwards, Accounting combines with Economics as Commerce for NCEA Level 1.

COURSE TITLE	Level 1 Commerce	Level 2 Accounting	Level 3 Accounting
COURSE CODE	1COM	2AC	3AC
PREREQUISITE	-	1AC	Entry is at the discretion of the HOD.
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 5 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 7 credits internally assessed</li> <li>• 9 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 13 credits internally assessed</li> <li>• 4 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Understanding relationships between sectors of the community</li> <li>▪ Setting up and running an organisation</li> <li>▪ Review a product-based business activity</li> <li>▪ Organisational financial decision making and the effects on related parties</li> <li>▪ Understand what is necessary for organisations to be financially viable</li> <li>▪ Understand how business communicate both financial and non-financial information</li> </ul>	<ul style="list-style-type: none"> <li>▪ Processing financial information including balance day adjustments</li> <li>▪ Processing financial transactions, using computer software (Xero), for a sole proprietor</li> <li>▪ Demonstrate understanding of an accounts receivable sub-system for an entity</li> <li>▪ Reporting of financial information for a sole proprietor registered for GST on the invoice basis</li> <li>▪ Analysis, interpretation and evaluation of financial information for a sole proprietor business</li> </ul>	<ul style="list-style-type: none"> <li>▪ Accounting for partnerships</li> <li>▪ Accounting for companies</li> <li>▪ Introduction to cost accounting</li> <li>▪ Management decision-making</li> </ul>
<p><b>NOTES:</b> Students are encouraged to present the results of all internally assessed work using a computer package. 3AC may also be credited to the National Certificate in Business. Accounting is a pre-requisite for all business courses at the tertiary level.</p>			
<p><b>CONTACT:</b> Mr Florance or Mr O'Connor</p>			

## COMMERCE & ECONOMICS

Economics courses will help you develop a broad understanding of basic economic concepts controlling the operation of the New Zealand economy. You will gain mastery of a wide range of cognitive skills and apply them in simple economic analysis. You will become aware of values and attitudes relating to economic issues and gain an objective understanding of the social effects of economics decisions. If you are thinking of getting into any form of business the skills you learn in these courses are invaluable. From 2023 onwards, Economics combines with Accounting as Commerce for NCEA Level 1.

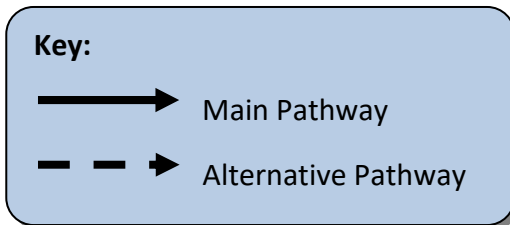
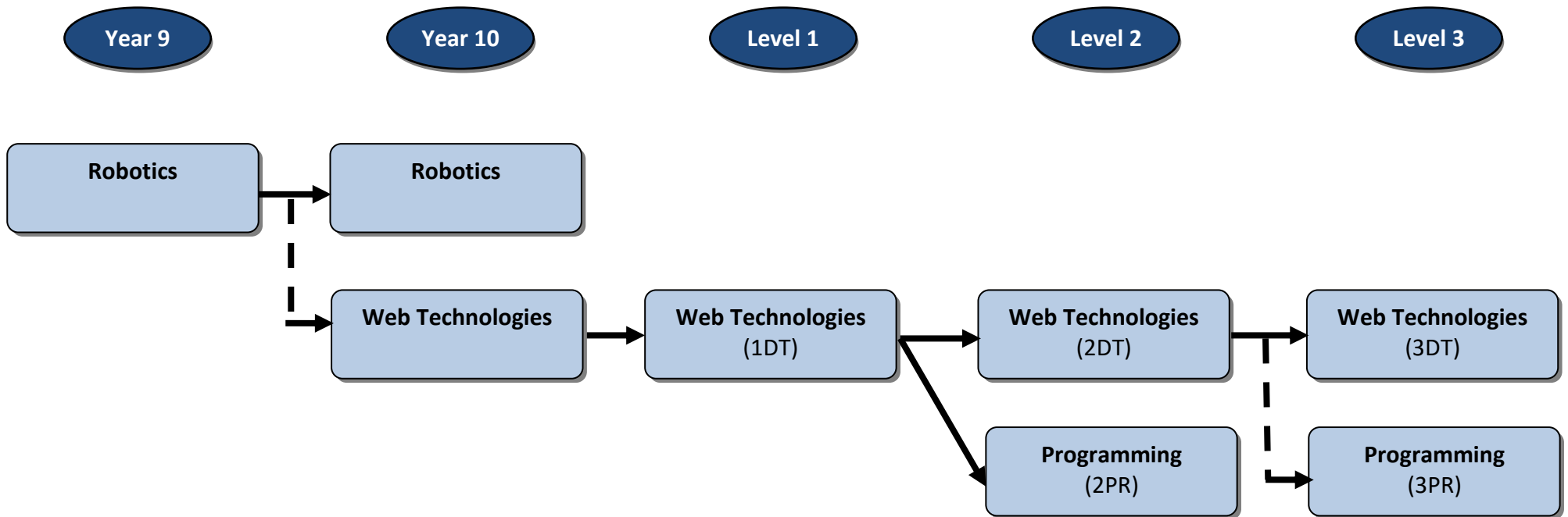
COURSE TITLE	Level 1 Commerce	Level 2 Economics	Level 3 Economics
COURSE CODE	1COM	2EC	3EC
PREREQUISITE	-	1COM (HOD discretion)	Enrolment in 2EC. (Entry is at the discretion of the HOD.)
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 5 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 12 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 14 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Understanding relationships between sectors of the community</li> <li>▪ Setting up and running an organisation</li> <li>▪ Review a product-based business activity</li> <li>▪ Organisational financial decision making and the effects on related parties</li> <li>▪ Understand what is necessary for organisations to be financially viable</li> <li>▪ Understand how business communicate both financial and non-financial information</li> </ul>	<ul style="list-style-type: none"> <li>▪ Growth</li> <li>▪ International trade</li> <li>▪ Unemployment</li> <li>▪ Inflation</li> <li>▪ Analyse how government policies and contemporary economic issues interact.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Micro-Economics: how goods and services are produced</li> <li>▪ Resource Allocation via the Public Sector: the role of government in the economy</li> <li>▪ Macro-Economics: the problems of the economy as a whole, such as unemployment, growth, inflation and trade</li> <li>▪ Understanding how different market structures work</li> </ul>

**NOTES:** Students are encouraged to present the results of all internally assessed work using a computer package. 3EC may also be credited to the National Certificate in Business. Economics is a pre-requisite for all business courses at the tertiary level.

**CONTACT:** Mr Florance or Mr O'Connor

# DIGITAL TECHNOLOGIES DEPARTMENT

## Curriculum Pathways Map



## DIGITAL TECHNOLOGIES

Our courses offer a pathway to a range of careers in using and/or writing computer programs, and working with a range of digital media.

Note: A student may choose a maximum of TWO Digital technology options in any given academic year.

COURSE TITLE	Level 1 Web Technologies	Level 2 Web Technologies	Level 3 Web Technologies
COURSE CODE	1DT	2DT	3DT
NOTES	<p>This course introduces a broad range of digital skills. Learn how to plan and write programmes, design and refine graphic products and create 3D models for games/animation. This course provides grounding in key knowledge and skills for Level 2 Digital Technology.</p>	<p>This course covers THREE areas:  <i>Web Design and Development</i>,  <i>Programming and Game Design and Development</i> and combines areas into a project which can be done individually or in a team.  <i>Web Development</i> involves the creation of dynamic and responsive websites using HTML, CSS, JS, PHP, Python amongst other technologies.  <i>Programming</i> builds on concepts introduced at Level 1. Arrays, code efficiency and problem solving form the basis of programming.  <i>Game Design</i> involves concepts of space, components, mechanics, goals and rules. The introduction of C++ and Unity platform for development.</p>	<p>This course covers THREE areas:  <i>Web Design and Development</i>,  <i>Programming and Game Design and Development</i> and combines areas into a project which can be done individually or in a team.  <i>Web Development</i> involves the creation of dynamic and responsive websites using HTML, CSS, JS, PHP, Python amongst other technologies.  <i>Programming</i> builds on concepts covered at Level 2. Designing a Graphic User Interface (GUI) for programs and games. This will use the Tkinter and Pygame Python modeules and introduce the concept of Classes/Obect Oriented Programming.  <i>Game Design</i> involves concepts of space, components, mechanics, goals and rules. The introduction of C++ and Unity platform for development. Unreal Engine is another option and platform with C# as a language.</p>
PREREQUISITE	-	Successful completion of 1DT or at the discretion of the HOD.	Successful completion of 2DT web development assessments.
FEES	\$10	\$10	\$10
QUALIFICATION	NCEA Level 1 credits; Subject endorsement available	NCEA Level 2 credits; Subject endorsement available.	NCEA Level 3 credits; UE approved Subject endorsement available.
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 20 credits</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 19 credits</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 20 credits</li> </ul>
CONTENT	3 projects throughout the year, each	A project that incorporates multiple	A project that incorporates multiple

	<p>specialising in a different aspect of Digital Technology. Project 1 involves planning and programming a basic game using Python. Project 2 will develop a range of graphic design skills using Adobe PhotoShop/ InDesign, and then create a small form magazine. Project 3 will gain understanding of 3D modelling principles then design their own complex model with Maya</p>	<p>disciplines like inquiry proposal, design, digital outcome development, project management, testing, database backend. The digital outcome is determined by the individual or group and is meant to be useful and designed for purpose. Tools like Version Control Software (GitHub), Trello, Miro form a foundation for collaborative learning and development.</p>	<p>disciplines like UX Methodologies, inquiry proposal, design, digital outcome development, project management, testing, database backend. The project (digital outcome) is determined by the individual or group and is meant to be useful and designed for purpose. It can take the form of a website, web app, game (text, 2D,3D). Tools like Version Control Software (GitHub), Trello, Miro form a foundation for collaborative learning and development. The basis of the project can be on any one of the THREE areas mentioned above.</p>
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**CONTACT:** Mr Akula

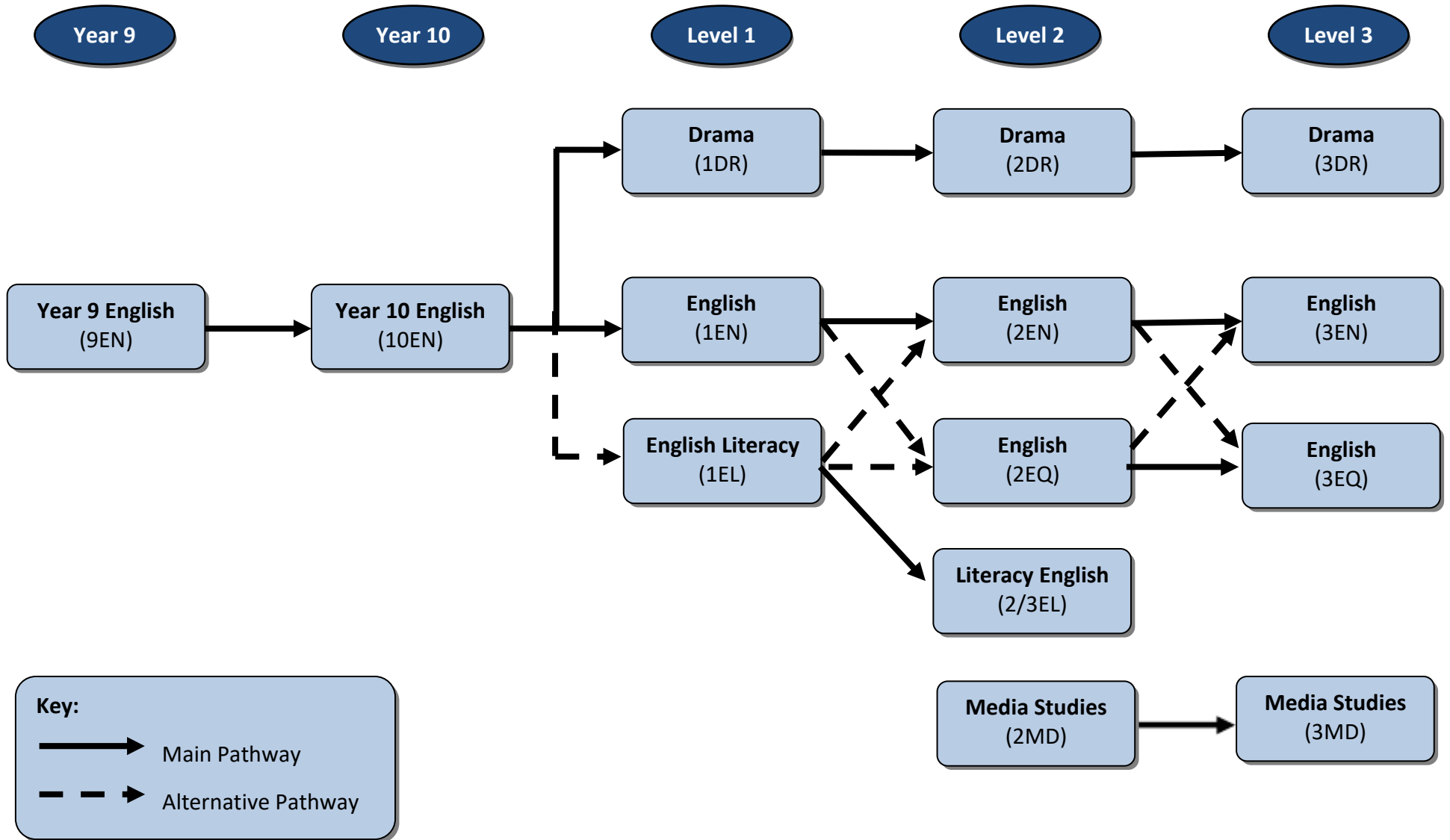
# PROGRAMMING

COURSE TITLE		Level 2 Programming	Level 3 Programming
COURSE CODE		2PR	3PR
NOTES		Involves: <ul style="list-style-type: none"> <li>• identifying the computer science concept</li> <li>• providing details of how the concept is used, is implemented, or occurs</li> <li>• explaining how the concept has been or could be applied to address an opportunity</li> <li>• explaining relevant mechanisms that shape the concept Demonstrate in-depth understanding of a computer science concept involves explaining the impact of the concept</li> <li>• Demonstrate comprehensive understanding of a computer science concept involves:</li> <li>• explaining key problems or issues related to the concept</li> </ul>	Computer science areas will be selected from: <ul style="list-style-type: none"> <li>• complexity and tractability</li> <li>• computer vision</li> <li>• big data</li> <li>• computer graphics</li> <li>• formal languages</li> <li>• network communication protocols</li> </ul>
PREREQUISITE		Nil	Successful completion of 2DT or 2PR or at the discretion of the HOD.
FEES		\$10	\$10
QUALIFICATION		NCEA Level 2 credits Subject endorsement available	NCEA Level 3 credits; Subject endorsement available. All credits are UE approved.
ASSESSMENT		by Achievement Standards <ul style="list-style-type: none"> <li>• 16 credits</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 16 credits</li> </ul>
CONTENT		Examples of a computer science concept include: <ul style="list-style-type: none"> <li>• computer security</li> <li>• encryption</li> <li>• error control</li> <li>• complexity and tractability</li> <li>• artificial intelligence</li> </ul>	Examples of insightful conclusions include: <ul style="list-style-type: none"> <li>• innovative and imaginative connections</li> <li>• exploration of less obvious implications</li> <li>• making justified predictions</li> <li>• suggesting improvements</li> <li>• making justified generalisations that could be applied beyond the area itself</li> </ul>

		<p>Examples of mechanisms include:</p> <ul style="list-style-type: none"><li>• techniques</li><li>• algorithms</li><li>• principles</li><li>• protocols</li><li>• systems</li><li>• procedures</li><li>• processes</li></ul> <p>Examples of impact include:</p> <ul style="list-style-type: none"><li>• ethical issues</li><li>• social impact</li><li>• sustainability</li><li>• human factors</li><li>• future proofing</li></ul>	<ul style="list-style-type: none"><li>• use of higher level thinking skills such as synthesis</li></ul>
<b>CONTACT:</b> Mr Akula			

# ENGLISH DEPARTMENT

## Curriculum Pathways Map



# DRAMA

A study of Drama will introduce you to a variety of drama styles as well as teach you how to produce and direct short performances.			
COURSE TITLE	Level 1 Drama	Level 2 Drama	Level 3 Drama
COURSE CODE	1DR	2DR	3DR
PREREQUISITE	-	NCEA Level 1	NCEA Level 2
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 internally assessed</li> <li>• up to 10 externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 18 internally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 18 internally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ The use of drama techniques / conventions / elements</li> <li>▪ Exploring New Zealand theatre</li> <li>▪ Write and perform a play</li> <li>▪ Multicultural forms in N.Z. drama</li> <li>▪ Live performance</li> <li>▪ Devising</li> <li>▪ Journal writing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Stage techniques and conventions</li> <li>▪ Drama styles (tragedy, comedy, melodrama, mime, dance drama)</li> <li>▪ Elizabethan theatre</li> <li>▪ Live performance</li> <li>▪ Devising</li> </ul>	<ul style="list-style-type: none"> <li>▪ Production techniques</li> <li>▪ Study of existing works</li> <li>▪ Theatre forms from different periods</li> <li>▪ Pacific theatre</li> <li>▪ Māori theatre</li> <li>▪ Live performance</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Ms Tasker, Mr Armstrong or Mrs Harford			

## ENGLISH

<b>English is about communicating effectively and enriching our lives through reading, writing, speaking, listening, viewing and presenting.</b>			
<b>COURSE TITLE</b>	<b>Level 1 English</b>	<b>Level 2 English</b>	
<b>COURSE CODE</b>	1EN	2EN	2EQ
<b>PREREQUISITE</b>		NCEA Level 1, with at least 10 credits in Level 1 English	This course is designed as an alternative pathway for Year 12 students who do not have the prerequisites to enter 2EN.
<b>QUALIFICATION</b>	NCEA Level 1	NCEA Level 2	NCEA Level 1/2
<b>ASSESSMENT</b>	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• up to 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• up to 12 internally assessed</li> <li>• 8 externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• up to 21 internally assessed</li> <li>• 4 externally assessed</li> </ul>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Writing in a range of genres</li> <li>▪ Reading and studying written texts</li> <li>▪ Viewing and studying visual/oral texts</li> <li>▪ Study of language in context</li> </ul>	<ul style="list-style-type: none"> <li>▪ Producing crafted creative and/or formal writing</li> <li>▪ Analysis of written texts</li> <li>▪ Analysis of oral or visual text</li> <li>▪ Analysis of unfamiliar texts for ideas and language features</li> <li>▪ Oral presentation</li> <li>▪ Visual / verbal presentation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Writing personal responses to reading and viewing</li> <li>▪ Producing crafted creative and/or formal writing</li> <li>▪ Analysis of written texts</li> <li>▪ Analysis of oral or visual text</li> <li>▪ Oral presentation</li> <li>▪ Visual / verbal presentation</li> </ul>
<p><b>NOTES:</b> Students must gain 10 literacy credits from the Reading and Writing Common Assessment Activities in order to be awarded the NCEA Qualifications. The standards in 2EQ are indicative only and others may be used which suit individuals' needs.</p>			
<b>CONTACT:</b> Mrs Harford or Ms Heenan			

<b>COURSE TITLE</b>	<b>Level 3 English</b>	
<b>COURSE CODE</b>	3EN	3EQ
<b>PREREQUISITE</b>	NCEA Level 2 and at least 12 credits in Level 2 English, including one external standard.	This course is an alternate path for those who do not have the prerequisites to enter 3EN. It is also suitable for Level 3 students who have yet to gain University Entrance Literacy requirements.
<b>QUALIFICATION</b>	NCEA Level 3	NCEA Level 2/3
<b>ASSESSMENT</b>	by Achievement Standards <ul style="list-style-type: none"> <li>• <i>up to 19 internally assessed</i></li> <li>• <i>8 externally assessed</i></li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• <i>up to 20 internally assessed</i></li> </ul>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Critical response to written text</li> <li>▪ Critical response to oral or visual text</li> <li>▪ Critical response to unfamiliar prose and poetry texts</li> <li>▪ Oral presentation and / or visual presentation</li> <li>▪ Producing crafted creative and/or formal writing</li> <li>▪ Using critical texts</li> </ul>	<ul style="list-style-type: none"> <li>▪ Producing crafted creative and/or formal writing</li> <li>▪ Critical response to oral or visual text</li> <li>▪ Making connections across texts</li> <li>▪ Oral presentation and / or visual presentation</li> </ul>
<b>NOTES:</b> The standards in 3EQ are indicative only and others may be used which suit individuals' needs.		
<b>CONTACT:</b> Mrs Harford or Ms Heenan		

## ENGLISH LITERACY

<p><b>This course is designed for students who would benefit from additional, targeted literacy support, and a slower-paced English programme. It aims to support students who have yet to gain the NCEA Literacy co-requirement.</b></p>		
<b>COURSE TITLE</b>	<b>Level 1 English Literacy</b>	<b>Level 2/3 English Literacy</b>
<b>COURSE CODE</b>	1EL	2EL or 3EL
<b>PREREQUISITE</b>		
<b>QUALIFICATION</b>	NCEA Level 1	NCEA Level 2/3
<b>ASSESSMENT</b>	by Unit Standards <ul style="list-style-type: none"> <li>• <i>Literacy Reading US32403</i></li> <li>• <i>Literacy Writing US32405</i></li> </ul> by Achievement Standards <ul style="list-style-type: none"> <li>• <i>up to 10 internally assessed</i></li> </ul>	By Unit Standards <ul style="list-style-type: none"> <li>• <i>Literacy Reading US32403</i></li> <li>• <i>Literacy Writing US32405</i></li> </ul> by Achievement Standards <ul style="list-style-type: none"> <li>• <i>up to 10 internally assessed Level 1</i></li> <li>• <i>up to 10 internally assessed Level 2</i></li> </ul>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Improve literacy skills for students below expected level</li> <li>▪ Strengthen reading comprehension and writing fluency</li> <li>▪ Prepare students for success in CAA and NCEA cross-curricular demands</li> <li>▪ Additional Level 1 English Achievement standards offered in the latter part of the course</li> </ul>	<ul style="list-style-type: none"> <li>▪ Improve literacy skills for students below expected level</li> <li>▪ Strengthen reading comprehension and writing fluency</li> <li>▪ Prepare students for success in CAA and NCEA cross-curricular demands</li> <li>▪ Additional L1 or L2 English Achievement standards offered in the latter part of the course</li> </ul>
<p><b>NOTES:</b> This course is by invitation only and will be recommended by the Dean as an alternative to 1EN or 2EN/EQ. It is designed for students who wish to have an additional opportunity to gain their 10 compulsory literacy (Reading and Writing) credits for the Literacy co-requisite for NCEA Qualifications.</p>		
<p><b>CONTACT:</b> Mrs Harford or Ms Tasker</p>		

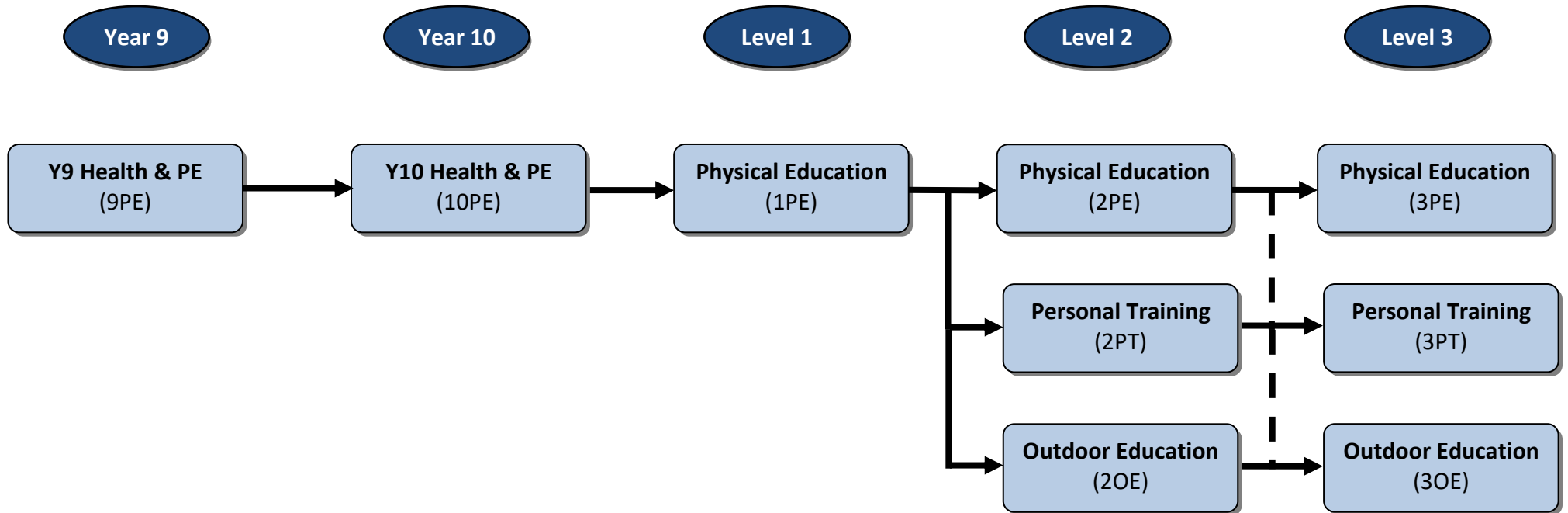
## MEDIA STUDIES

The courses involve students having full participation in theory and film production. Students will be able to “read” film texts, to explain how films impart messages and values, to describe a media “genre” and conventions of narrative, to design and produce a film, using film technologies, and to evaluate their understanding of the film production process. Students must be prepared to commit themselves to production work outside timetabled lessons. They can expect to undertake filming and editing tasks during lunchtimes, after school and in the weekends.

COURSE TITLE		Level 2 Media Studies	Level 3 Media Studies
COURSE CODE		2MD	3MD
PREREQUISITE		NCEA Level 1	NCEA Level 2 and 8 Level 2 English credits
FEES		-	-
QUALIFICATION		NCEA Level 2	NCEA Level 3
ASSESSMENT		by Achievement Standards <ul style="list-style-type: none"> <li>• 19 internally assessed</li> <li>• 4 externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 19 internally assessed</li> <li>• 4 externally assessed</li> </ul>
CONTENT		<ul style="list-style-type: none"> <li>▪ Understanding of media representation</li> <li>▪ Media genre study</li> <li>▪ Design and plan a media product</li> <li>▪ Producing of a media text</li> <li>▪ Understanding an ethical issue in NZ media</li> </ul>	<ul style="list-style-type: none"> <li>▪ How meaning is created in a media text</li> <li>▪ The relationship between a media genre and society</li> <li>▪ Design and plan a media product</li> <li>▪ Producing of a media text</li> <li>▪ Understanding a significant development in the media</li> </ul>
<b>NOTES:</b> Media Studies lays the groundwork for prospective careers in the communication areas of advertising, journalism, television, social media, film production and teaching.			
<b>CONTACT:</b> Mrs Harford or Ms Woodroffe			

# HEALTH & PHYSICAL EDUCATION DEPARTMENT

## Curriculum Pathways Map



**Key:**

- > Main Pathway
- - - -> Alternative Pathway

# PHYSICAL EDUCATION

Physical Education courses help students develop an understanding of body structure and function and how physical activity influences fitness and wellbeing. Relevance to sporting activities will enhance understanding of optimum physical performance.

**Note:** A student may choose a maximum of TWO Physical Education options in any given academic year.

COURSE TITLE	Level 1 Physical Education	Level 2 Physical Education	Level 3 Physical Education
COURSE CODE	1PE	2PE	3PE
PREREQUISITE	Satisfactory completion of year 9 and 10 Physical Education and Health	12 or more credits in 1PE and the approval of the HOD.	12 or more credits in 2PE and the approval of the HOD.
FEES	\$30	\$30	\$30
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 12 internally assessed</li> <li>• 10 externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 23 credits internally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 23 credits internally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Apply movement strategies in an applied setting</li> <li>▪ Demonstrate understanding of how kotahitanga is promoted in movement through application of strategies</li> <li>▪ Demonstrate understanding of the influence of a personal movement experience on hauora</li> <li>▪ Demonstrate understanding of influences on movement in Aotearoa New Zealand or Pacific</li> <li>▪ Participate in a day tramp</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrate understanding of the application of biophysical principles (Biomechanics, Anatomy, Psychology)</li> <li>▪ Demonstrate quality of movement in a range of physical activities</li> <li>▪ Evaluate leadership strategies and how they contribute to the functioning of a group</li> <li>▪ Consistently demonstrate social responsibility</li> <li>▪ Examine the implementation and outcome of a physical activity event</li> </ul>	<ul style="list-style-type: none"> <li>▪ Evaluate physical activity experiences and devise well-being strategies</li> <li>▪ Analyse a physical skill performed by self or others</li> <li>▪ Evaluate the effectiveness of a performance improvement programme</li> <li>▪ Demonstrate quality performance of a physical activity</li> <li>▪ Examine a current physical activity issue and its effect on NZ society</li> <li>▪ Examine leadership principles applied in physical activity contexts</li> </ul>

**NOTES:** Students should seek guidance from their dean and the Head of Department as to the suitable course.

**CONTACT:** Mr Carey

## PERSONAL TRAINING

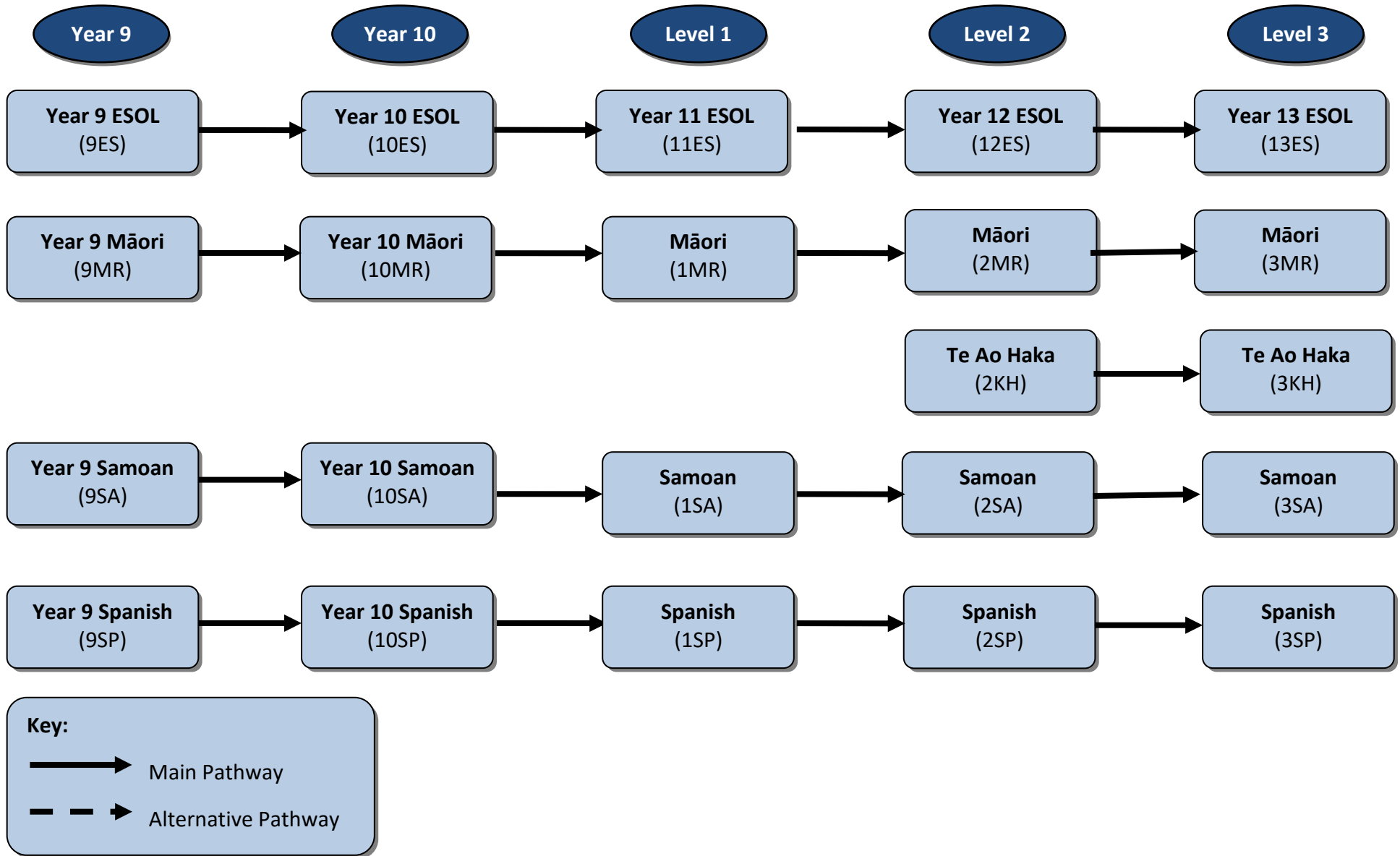
<p>Physical Education courses help students develop an understanding of body structure and function and how physical activity influences fitness and wellbeing. The focus on exercise prescription offers students a viable pathway towards future employment opportunities in the fitness industry.</p>			
<b>COURSE TITLE</b>		<b>Level 2 Personal Training</b>	<b>Level 3 Personal Training</b>
<b>COURSE CODE</b>		2PT	3PT
<b>PREREQUISITE</b>		12 or more credits in 1PE or approval of the HOD.	12 or more credits in 2PT or approval of the HOD.
<b>FEES</b>		\$30	\$30
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 4 credits internally assessed</li> </ul> by Unit Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 4 credits internally assessed</li> </ul> by Unit Standards <ul style="list-style-type: none"> <li>• 19 credits internally assessed</li> </ul>
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Perform a physical activity in an applied setting</li> <li>▪ Consistently demonstrate social responsibility through applying a social responsibility model in physical activity</li> <li>▪ Examine the implementation and outcome(s) of a physical activity event or opportunity</li> <li>▪ Evaluate leadership strategies that contribute to the effective functioning of a group</li> <li>▪ Plan and run a recreation activity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrate basic knowledge of anatomical structures and physiological responses to exercise</li> <li>▪ Demonstrate quality performance of a physical activity in an applied setting</li> <li>▪ Demonstrate knowledge of the human body and its movement during exercise and stretching</li> <li>▪ Demonstrate knowledge of recreation</li> <li>▪ Demonstrate knowledge of recreation needs of target groups</li> </ul>
<p><b>NOTES:</b> Students should seek guidance from their dean and the Head of Department as to the suitable course. If you are taking Physical Education and Personal Training some credits will be shared. There is a maximum of 25 students per class.</p>			
<p><b>CONTACT:</b> Mr Carey</p>			

## OUTDOOR EDUCATION

Outdoor Education courses aim to enhance leadership, interpersonal skills, safety management and provide experience in a variety of outdoor activities.			
COURSE TITLE		Level 2 Outdoor Education	Level 3 Outdoor Education
COURSE CODE		2OE	3OE
PREREQUISITE		NCEA Level 1. Students taking this course must have a responsible attitude to safety and give a commitment to participate in all activities.	12 or more credits in 2PE or 2OE. Students must have a responsible attitude to safety and a commitment to participate in all activities. HOD approval is required.
FEES		\$380 Ski Trip in Term 3 approx <i>A deposit for the surf trip must be paid before the end of Term 1 &amp; the balance in two further instalments during Term 2, unless agreement made with the HOD.</i>	\$750 Ski Trip in Term 3 approx <i>A deposit for the ski trip must be paid before the end of Term 1 &amp; the balance in two further instalments during Term 2, unless agreement made with the HOD.</i>
QUALIFICATION		NCEA Level 2	NCEA Level 3
ASSESSMENT		by Achievement Standards <ul style="list-style-type: none"> <li>• 19 credits internally assessed</li> </ul> by Unit Standards <ul style="list-style-type: none"> <li>• 6 credits</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 18 credits internally assessed</li> </ul> by Unit Standards <ul style="list-style-type: none"> <li>• 5 credits</li> </ul>
CONTENT		<ul style="list-style-type: none"> <li>▪ Performance in a physical activity</li> <li>▪ Exploration of leadership roles in group or team activity</li> <li>▪ Safety policies and risk management in the outdoors</li> <li>▪ Adventure-based learning activities</li> <li>▪ Mountain biking and snow sports</li> <li>▪ Role and significance of physical activity in young people</li> <li>▪ Rock climbing</li> <li>▪ Surfing &amp; Body-boarding at Lyall Bay</li> <li>▪ Aquatic session at WRAC</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrating performance in applied setting (snowboarding)</li> <li>▪ Mountain biking, adventure based learning</li> <li>▪ Analyse issues in Safety Management</li> <li>▪ Demonstrating knowledge and skills in an outdoor pursuits activity</li> <li>▪ Develop a strategy for life-long involvement in physical activity</li> <li>▪ Rock climbing</li> <li>▪ Surfing &amp; Body-boarding at Lyall Bay</li> <li>▪ Aquatic session at WRAC</li> </ul>
<b>NOTES:</b> The nature of this course and the costs involved in providing learning experiences outside the classroom mean that students must make a full financial commitment DURING THE FIRST TERM. If you are taking Physical Education and Personal Training some credits will be shared.			
<b>CONTACT:</b> Mr Carey or Mr Tupu			

# LANGUAGES DEPARTMENT

## Curriculum Pathways Map



## ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

<b>Courses focus on assisting students with the skills of reading, writing, speaking and understanding spoken English.</b>			
<b>COURSE TITLE</b>	<b>Level 1 ESOL</b>	<b>Level 2 ESOL</b>	<b>Level 3 ESOL</b>
<b>COURSE CODE</b>	1ES	2ES	3ES
<b>PREREQUISITE</b>	Students enrolled in this course will have a background of studying English as an additional language	Students enrolled in this course will have a background of studying English as an additional language	Students enrolled in this course will have a background of studying English as an additional language
<b>FEES</b>	-	-	
<b>QUALIFICATION</b>	NCEA Level 1 English Language	NCEA Level 2 English Language	NCEA Level 2 English Language/Level 2 Literacy opportunity
<b>ASSESSMENT</b>	The course offers English language credits at Levels 1 and 2. Appropriate assessments will be offered to each individual student following discussions with the teacher.	This course offers English language credits at Level 2. This class also prepares students wishing to transition into mainstream English. There is also the opportunity to gain 10 Level 1 Literacy credits, internally (for students who do not have these credits).	This course offers English language credits at Level 3. Students with a higher level of English who are able to cope with Level 2 Literacy standards will have the opportunity to gain them.
<b>CONTENT</b>	Students will learn how to write across a wide range of contexts They will also practise reading, speaking and listening. The course is grammar-rich and also focuses on preparation for NCEA Literacy Common Assessment Activities.	This course builds on 1ES and students will read a variety of texts and write personal responses. They will also focus on improving their grammar and strengthening sentence structure. Speaking and listening skills are also included. Students who do not have Literacy are given practice to prepare for the CAA.	Students will continue to develop their use of English Language to analyse and critique other’s writing through research. Reading responses, where students read a range of texts and respond to them, happen throughout the year. Students will strengthen their writing, reading, listening and speaking skills.
<b>NOTES:</b>			
<b>CONTACT:</b> Mr Ikonomakis			

# TE REO MĀORI

Students studying Māori will learn to speak, read, write and understand spoken Māori and learn <i>Tikanga Māori</i> .			
COURSE TITLE	Level 1 Māori	Level 2 Māori	Level 3 Māori
COURSE CODE	1MR	2MR	3MR
PREREQUISITE	10MR or teacher approval	12 or more credits in 1MR	12 or more credits in 2MR
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 5 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 16 credits internally assessed</li> <li>• 6 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 16 credits internally assessed</li> <li>• 6 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Deliver a talk (speech) in Te Reo Māori. Students will communicate about the vitality of the language before 1970</li> <li>▪ Reading and Understanding written Māori in Familiar contexts. Writing in Te Reo Māori on a topic. Students will communicate ideas with emerging fluency and accuracy</li> </ul>	<ul style="list-style-type: none"> <li>▪ Listening to and understanding spoken Māori in less familiar contexts <i>Whakarongo kia mohio ki te reo o te ao torotoro</i></li> <li>▪ Delivering a spoken presentation in Māori on a less familiar topic <i>Korero kia whakamahi i te reo o te ao torotoro</i></li> <li>▪ Reading and understanding written Māori in less familiar contexts <i>Panui kia mohio ki te reo o tona ao mohio</i></li> <li>▪ Preparing a written essay based on a less familiar topic <i>Waihanga tuhinga auaha i te reo o te ao torotoro</i>.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <i>Whakarongo kia mohio ki te reo Māori o te ao whanui</i></li> <li>▪ <i>Korero kia whakamahi i te reo Māori o te ao whanui</i></li> <li>▪ <i>Waihanga tuhinga whai take i te reo Māori o te ao whanui</i></li> <li>▪ <i>Panui kia mohio ki te reo Māori i te ao whanui</i></li> <li>▪ <i>Tuhi i te reo Māori o te ao whanui</i></li> </ul>
NOTES:			
CONTACT: Mr Henry			

## TE AO HAKA

<p>The revival of traditional Māori Performing Arts, Mahi-a-Rehia and the contemporary Performing Dance in Aotearoa, Unit Standards have been made available to recognize skills and knowledge in this area. Students will be valued repositories of Te Reo and Mātauranga Māori. They will be able to demonstrate and describe the performing arts that are uniquely Māori, and contemporary developments in this field. These skills are highly valued in the tourism field, both domestically and internationally.</p>			
<b>COURSE TITLE</b>		<b>Level 2/3 Te Ao Haka</b>	
<b>COURSE CODE</b>		2KH	
<b>PREREQUISITE</b>		NCEA Level 1	
<b>FEES</b>		-	
<b>QUALIFICATION</b>		NCEA Level 2 & 3	
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 20 credits at Level 2 (12 internal &amp; 8 external)</li> <li>• 20 credits at Level 3 (10 internal &amp; 10 external)</li> </ul>	
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Explore</li> <li>▪ Perform</li> <li>▪ Compare</li> <li>▪ Respond</li> <li>▪ Reflect</li> <li>▪ Demonstrate</li> </ul> “understanding of Te Ao Haka”	
<p><b>NOTES:</b> Students are required to demonstrate practical skills as well as maintain an ordered record of notes and information that will be evidence of knowledge. They will also be required to complete and submit written research assignments.</p>			
<p><b>CONTACT:</b> Mr Henry</p>			

# SAMOAN

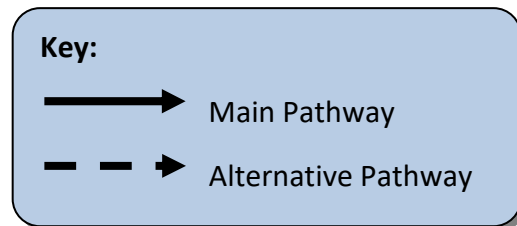
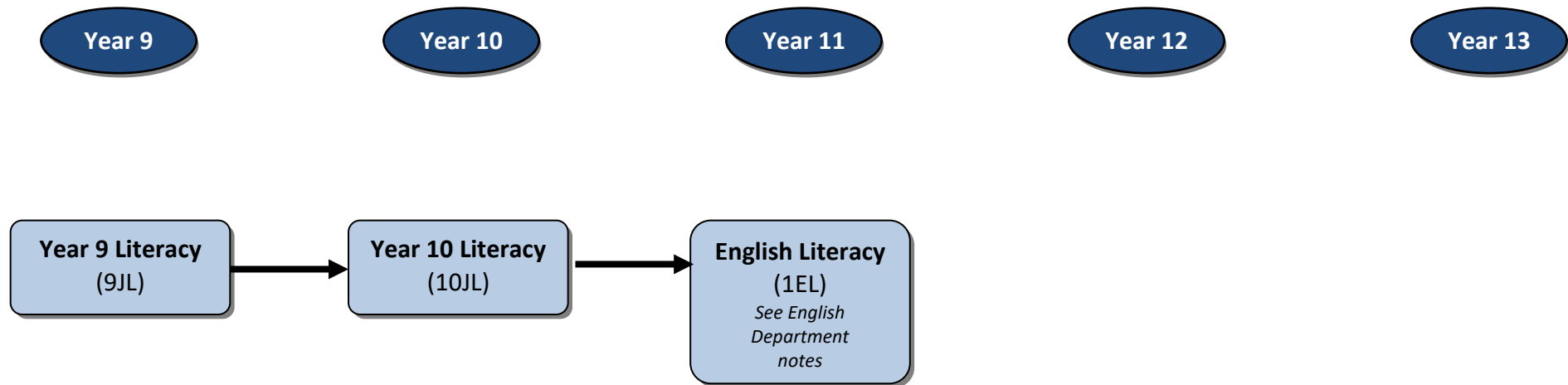
Students studying Samoan will learn about the language and culture of Samoa.			
COURSE TITLE	Level 1 Samoan	Level 2 Samoan	Level 3 Samoan
COURSE CODE	1SA	2SA	3SA
PREREQUISITE	10SA or an equivalent course at another school	12 or more credits in 1SA	12 or more credits in 2SA
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ <i>Interact</i> in spoken Gagana Samoa to share and respond to information, ideas and opinions</li> <li>▪ <i>Communicate</i> in Gagana Samoa in relation to a cultural context</li> <li>▪ <i>Demonstrate</i> understanding of written Gagana Samoa related to every day contexts</li> <li>▪ <i>Demonstrate</i> understanding of spoken Gagana Samoa related to every day contexts</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrate understanding of a variety of spoken Samoan texts on familiar matters</li> <li>▪ Give a spoken presentation in Samoan that communicates information, ideas and opinions.</li> <li>▪ Interact using spoken Samoan to share information and justify ideas and opinions in different situations.</li> <li>▪ Demonstrate understanding of a variety of written and/or visual Samoan text(s) on familiar matters</li> <li>▪ Write a variety of text types in Samoan to convey information, ideas and opinions in genuine contexts.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Listen to and understand complex spoken Samoan in less familiar contexts</li> <li>▪ Give a prepared speech in Samoan using complex language</li> <li>▪ Interact in Samoan using complex language, in less familiar contexts</li> <li>▪ Read and understand written Samoan containing complex language, in less familiar contexts</li> <li>▪ Write text in Samoan using complex language on a less familiar topic</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Mrs Fiu			

## SPANISH

Students studying Spanish will learn about the language and culture of Spanish-speaking countries.			
COURSE TITLE	Level 1 Spanish	Level 2 Spanish	Level 3 Spanish
COURSE CODE	1SP	2SP	3SP
PREREQUISITE	10SP or an equivalent course at another school	12 or more credits in 1SP	12 or more credits in 2SP
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Interact in spoken Spanish to share and respond to information, ideas and opinions</li> <li>▪ Communicate in Spanish for a chosen purpose</li> <li>▪ Show understanding of written Spanish related to every day contexts</li> <li>▪ Demonstrate understanding of spoken Spanish related to every day contexts</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrate understanding of a variety of spoken Spanish texts on familiar matters</li> <li>▪ Give a spoken presentation in Spanish that communicates information, ideas and opinions.</li> <li>▪ Interact using spoken Spanish to share information and justify ideas and opinions in different situations.</li> <li>▪ Demonstrate understanding of a variety of written and/or visual Spanish text(s) on familiar matters</li> <li>▪ Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrate understanding of a variety of extended spoken Spanish texts</li> <li>▪ Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material</li> <li>▪ Interact using clear spoken Spanish to explore and justify varied ideas and perspectives in different situations.</li> <li>▪ Demonstrate understanding of a variety of extended written and/or visual Spanish text(s)</li> <li>▪ Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives.</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Mrs Lobo-Linan			

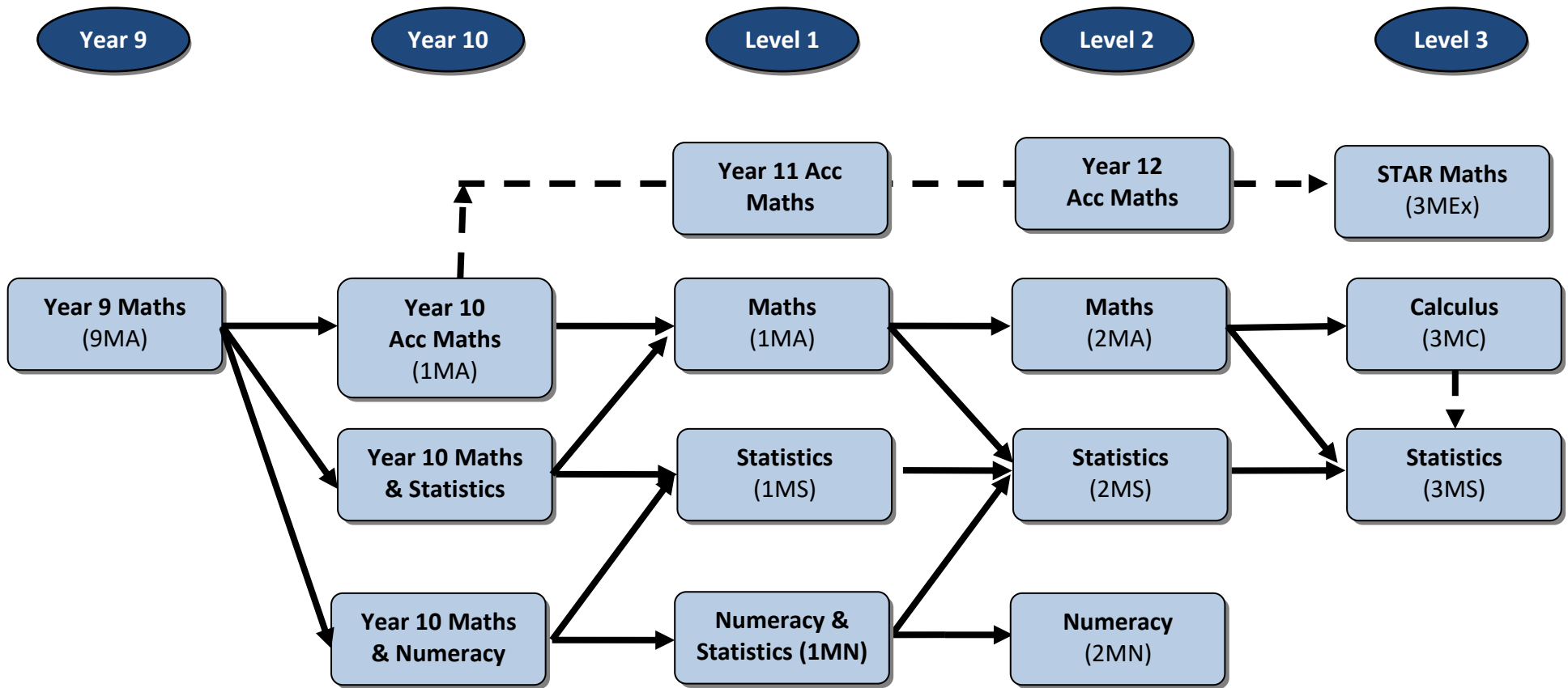
# LEARNING SUPPORT DEPARTMENT

## Curriculum Pathways Map



# MATHEMATICS DEPARTMENT

## Curriculum Pathways Map



**Key:**

- Main Pathway
- Alternative Pathway

## MATHEMATICS

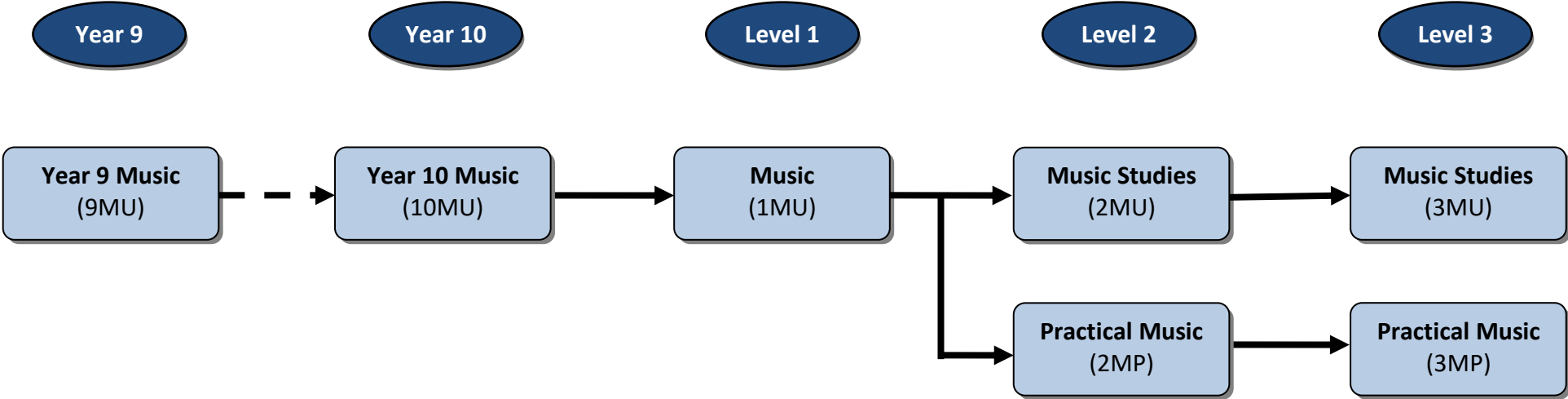
<b>Mathematics is one of the Essential Learning Areas that helps students develop the essential skills of numeracy, problem solving and communication.</b>			
<b>COURSE TITLE</b>	<b>Level 1 Mathematics</b>	<b>Level 1 Mathematics</b>	<b>Level 1 Numeracy</b>
<b>COURSE CODE</b>	1MA	1MS	1MN
<b>PREREQUISITE</b>	Students will be placed in the appropriate Level 1 course based on their achievement in Year 10 Mathematics.		
<b>FEES</b>	-	-	
<b>QUALIFICATION</b>	NCEA Level 1	NCEA Level 1	NCEA Level 1
<b>ASSESSMENT</b>	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 5 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 5 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> </ul> <i>by CAA Unit Standards</i>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Algebra</li> <li>▪ Geometry</li> <li>▪ Measurement</li> <li>▪ Number</li> <li>▪ Probability</li> <li>▪ Statistics</li> </ul>	<ul style="list-style-type: none"> <li>▪ Algebra</li> <li>▪ Geometry</li> <li>▪ Measurement</li> <li>▪ Number</li> <li>▪ Probability</li> <li>▪ Statistics</li> </ul>	<ul style="list-style-type: none"> <li>▪ Statistics</li> <li>▪ Probability</li> <li>▪ Numbers</li> <li>▪ Measurement</li> <li>▪ Geometry</li> </ul>
<b>NOTES:</b> Students must gain the 10 Numeracy credits from the Common Assessment Activities to be awarded the NCEA Level 1 Qualification.			
<b>CONTACT:</b> Dr Muck			

COURSE TITLE	Level 2 Mathematics	Level 2 Statistics	Level 2 Numeracy
COURSE CODE	2MA	2MS	2MN
PREREQUISITE	Students must gain 12 AS credits in a Level 1 Mathematics course to enter 2MA. Students need to gain 5 credits from AS1.4.	Students must gain 10 AS credits in a Level 1 Mathematics course to enter 2MS.	Students who have not gained Numeracy in Year 11, or 12 or are international students
FEES	-	-	
QUALIFICATION	NCEA Level 2	NCEA Level 2	NCEA Level 2
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>9 credits internally assessed</li> <li>13 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>13 credits internally assessed</li> <li>8 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>12/13 credits internally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>Algebra</li> <li>Calculus</li> <li>Coordinate Geometry</li> <li>Probability</li> <li>Graphs</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Calculus</li> <li>Coordinate Geometry</li> <li>Probability</li> <li>Sequences and Series</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Completion of CAA Numeracy</li> <li>Sequences and Series</li> <li>Trigonometric relationships</li> <li>Networks</li> <li>Systems of equations</li> <li>Informal Inference</li> <li>Systems of Equations (L3)</li> </ul>
<b>NOTES:</b> <ul style="list-style-type: none"> <li>2MA leads to Level 3 Calculus and Level 3 Statistics.</li> <li>2MS leads to 2MA or Level 3 Statistics</li> </ul>			
<b>CONTACT:</b> Dr Muck			

COURSE TITLE		Level 3 Calculus	Level 3 Statistics
COURSE CODE		3MC	3MS
PREREQUISITE		Students must gain 12 AS credits in a Level 2 Mathematics course to enter 3MC (including L2 Calculus).	Students must gain 12 AS credits in a Level 2 Mathematics course to enter 3MS (including some credits from an external AS).
FEES	-	-	-
QUALIFICATION		NCEA Level 3	NCEA Level 3
ASSESSMENT		by Achievement Standards <ul style="list-style-type: none"> <li>• 7 credits internally assessed</li> <li>• 17 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 8 credits externally assessed</li> </ul>
CONTENT		<ul style="list-style-type: none"> <li>▪ Conic Sections</li> <li>▪ Complex Numbers</li> <li>▪ Trigonometry</li> <li>▪ Differentiation</li> <li>▪ Integration</li> </ul>	<ul style="list-style-type: none"> <li>▪ Systems of Equations</li> <li>▪ Distributions</li> <li>▪ Probability</li> <li>▪ Statistics</li> <li>▪ Linear Programming</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Dr Muck			

# MUSIC DEPARTMENT

## Curriculum Pathways Map



**Key:**

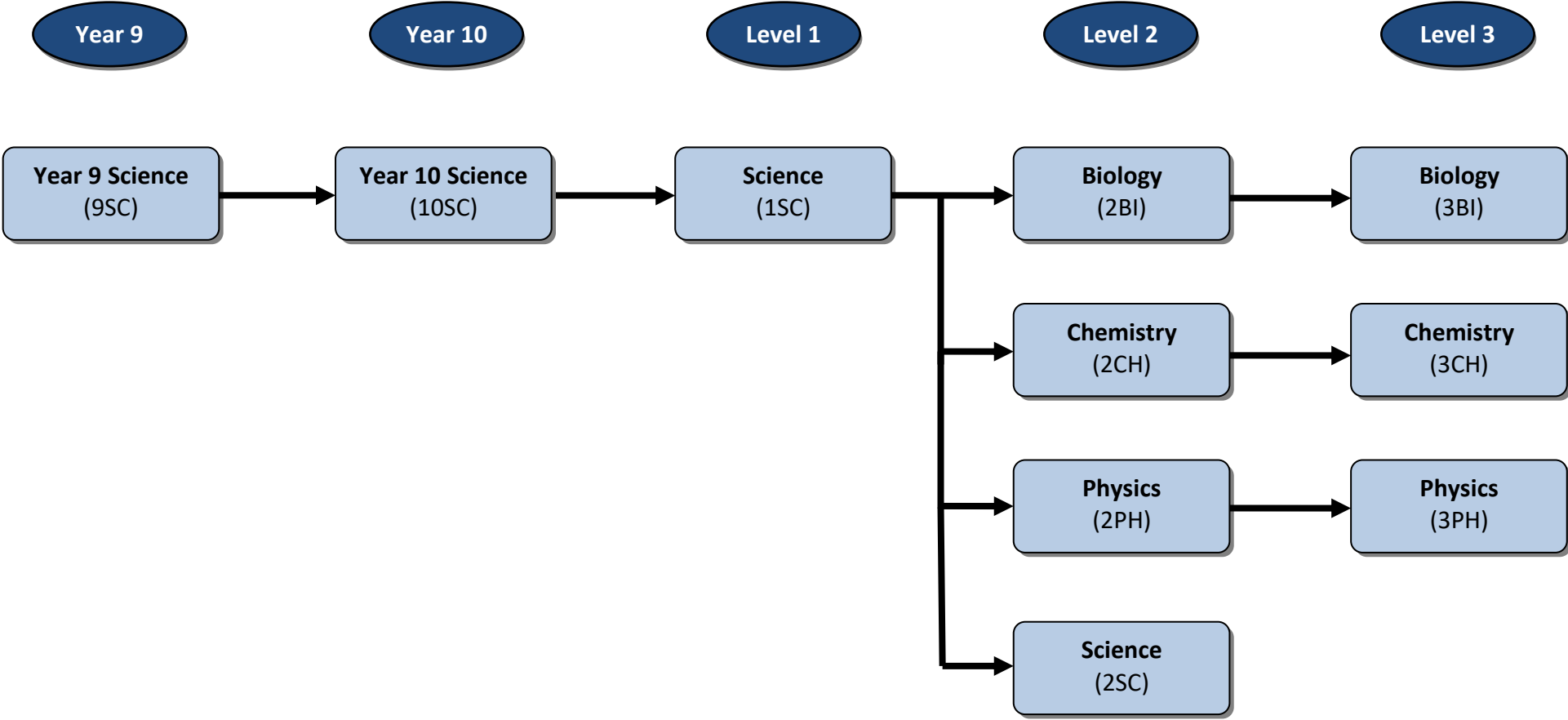
- Main Pathway
- - -→ Alternative Pathway

# MUSIC

The study of music involves learning to create and appreciate music.			
COURSE TITLE	Level 1 Music	Level 2/3 Practical Music	Level 2/3 Music Studies
COURSE CODE	1MU	2MP/3MP	2MU/3MU
PREREQUISITE	10MU or equivalent	Entry is by consultation with HOD.	Entry is by consultation with HOD.
FEES	Workbook (\$42)	Workbook (\$42)	Workbook (\$42)
QUALIFICATION	NCEA Level 1	NCEA Level 2/Level 3	NCEA Level 2/Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• up to 30 credits internally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• up to 24 credits, internally assessed</li> <li>• 8 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>• Performance Skills</li> <li>• Composition</li> <li>• Music Styles</li> <li>• Music Concepts</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solo Perform</li> <li>▪ Group performance</li> <li>▪ Compose</li> <li>▪ PA Systems</li> <li>▪ Digital Music Systems</li> <li>▪ Instrumentation</li> <li>▪ Some individualisation of programme of assessment (for Level 3 students)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solo Perform</li> <li>▪ Group Perform</li> <li>▪ Compose</li> <li>▪ Instrumentation</li> <li>▪ Partially-negotiated, based on: Arranging, Recording, Research, Improvisation, Music Works, Harmonic and Tonal Analysis</li> </ul>
<b>NOTES:</b> Students will be required to demonstrate a high level of performance skill on their specialist instrument. Ongoing music lessons are necessary. The school subsidises these; however there is an additional cost of \$100 per year to cover extra tuition.			
<b>CONTACT:</b> Mr Crayford			

# SCIENCE DEPARTMENT

## Curriculum Pathways Map



**Key:**

- — — — —> Main Pathway
- - - - -> Alternative Pathway

# SCIENCE

<b>Science is the study of the physical, biological and chemical world around us</b>			
<b>COURSE TITLE</b>	<b>Level 1 Science</b>	<b>Level 2 Science</b>	
<b>COURSE CODE</b>	1SC	2SC	
<b>PREREQUISITE</b>			
<b>FEES</b>	Education Perfect Fee (\$25) Workbooks (\$20)	Education Perfect Fee (\$25)	
<b>QUALIFICATION</b>	NCEA Level 1 (21 credits)	NCEA Level 2	
<b>ASSESSMENT</b>	by Achievement Standards <ul style="list-style-type: none"> <li>• 11 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 20 credits internally assessed</li> </ul>	
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Physics investigation</li> <li>▪ Chemical reactions investigation</li> <li>▪ Genetics</li> <li>▪ Microbiology</li> </ul>	<ul style="list-style-type: none"> <li>▪ Practical investigations</li> <li>▪ Research information to present a scientific report</li> <li>▪ Adaptations of plants and animals</li> <li>▪ Recent developments and discoveries in chemistry.</li> <li>▪ Investigate patterns in ecological communities.</li> </ul>	
<b>NOTES:</b>	<p><b>Level 1 Science</b> is an academic course that contextualises the core strands of Science by incorporating them into the broader themes of Engineering, Environmental Science and Health Science.</p> <p><b>Level 2 Science</b> consists of internally assessed units from Level 2 Biology, Chemistry and Physics. Students who excel in this course may be able to do Level 3 Science courses in Year 13 if approved by the Head of Science.</p>		
<b>CONTACT:</b> Mr Roth			

## BIOLOGY

<b>Biology is the study of living things and their interactions with each other and their environment.</b>			
<b>COURSE TITLE</b>		<b>Level 2 Biology</b>	<b>Level 3 Biology</b>
<b>COURSE CODE</b>		2BI	3BI
<b>PREREQUISITE</b>		A minimum of 12 credits in 1SC, appropriate literacy and numeracy credits at Level 1.	A minimum of 10 credits in 2BI or 2SC Approval of HOD.
<b>FEES</b>		Workbook (\$35) Education Perfect Fee (\$25)	Workbook (\$35), fees for field trips Education Perfect Fee (\$25)
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 11 credits internally assessed</li> <li>• 8-12 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 13 credits internally assessed</li> <li>• 8 credits externally assessed</li> </ul>
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Ecology and Investigation</li> <li>▪ Animal adaptations</li> <li>▪ Genetic variation and change</li> <li>▪ Gene expression</li> <li>▪ Practical Investigation</li> <li>▪ Analyse Biological Validity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Research a socio-scientific issue</li> <li>▪ Evolutionary processes</li> <li>▪ Biotechnology</li> <li>▪ Human evolution</li> <li>▪ Animal physiology (thermoregulation)</li> <li>▪ Practical biological investigation</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Mr Roth			

# CHEMISTRY

<b>Chemistry is the study of the world around you, and in particular, the microscopic world of atoms, ions and molecules.</b>			
<b>COURSE TITLE</b>		<b>Level 2 Chemistry</b>	<b>Level 3 Chemistry</b>
<b>COURSE CODE</b>		2CH	3CH
<b>PREREQUISITE</b>		A minimum of 12 credits in 1SC, appropriate literacy and numeracy credits at Level 1.	A minimum of 10 credits in 2CH. Approval of HOD.
<b>FEES</b>		Workbook (\$30) Education Perfect Fee (\$25)	Workbook (\$34) Education Perfect Fee (\$25)
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 6 credits internally assessed</li> <li>• 13 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 6 credits internally assessed</li> <li>• 15 credits externally assessed</li> </ul>
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Qualitative analysis</li> <li>▪ Oxidation-reduction reactions</li> <li>▪ Structure, bonding and energy changes</li> <li>▪ Organic chemistry</li> <li>▪ Principles of chemical reactivity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Redox processes</li> <li>▪ Spectroscopy</li> <li>▪ Thermochemistry</li> <li>▪ Organic compounds</li> <li>▪ Equilibrium principles in aqueous systems</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Mr Roth or Mr Bhindi			

# PHYSICS

<b>Physics is the study of the relationship between matter and energy.</b>			
<b>COURSE TITLE</b>		<b>Level 2 Physics</b>	<b>Level 3 Physics</b>
<b>COURSE CODE</b>		2PH	3PH
<b>PREREQUISITE</b>		A minimum of 12 credits in 1SC (including one external), appropriate literacy and numeracy credits.	A minimum of 10 credits in 2PH. Approval of HOD.
<b>FEES</b>		Workbook (\$30) Education Perfect Fee (\$25)	Education Perfect Fee (\$25)
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 7 credits internally assessed</li> <li>• 16 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 6 credits internally assessed</li> <li>• 16 credits externally assessed</li> </ul>
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Waves</li> <li>▪ Mechanics</li> <li>▪ Electricity and electromagnetism</li> <li>▪ Practical experiment or Physics in context report</li> <li>▪ Atomic and nuclear physics</li> </ul>	<ul style="list-style-type: none"> <li>▪ Wave systems</li> <li>▪ Mechanical systems</li> <li>▪ Modern physics</li> <li>▪ Electrical systems</li> <li>▪ Physics and a socio-scientific issue</li> </ul>
<b>NOTES:</b>			
<b>CONTACT:</b> Mr Roth			



## CLASSICAL STUDIES

<p>The Classical Studies course offers an interesting and stimulating course for students of differing abilities and academic backgrounds. It helps students gain knowledge, understanding and appreciation of the history and culture of classical Greece and Rome and to make comparisons between classical civilisations and the world in which they live. It provides a wide range of different material and disciplines within the context of historical, literary and artistic appreciation and analysis.</p>			
<b>COURSE TITLE</b>		<b>Level 2 Classical Studies</b>	<b>Level 3 Classical Studies</b>
<b>COURSE CODE</b>		2CS	3CS
<b>PREREQUISITE</b>		NCEA Level 1	At least 12 credits in at least two Level 2 courses, or at the discretion of the teacher
<b>FEES</b>		-	-
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 12 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>
<b>CONTENT</b>		<ul style="list-style-type: none"> <li>▪ Greek Tragedy: Sophocles; Antigone</li> <li>▪ Vesuvius and Pompeii</li> <li>▪ Athenian Democracy</li> <li>▪ Greek and Roman Mythology</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alexander the Great</li> <li>▪ Virgil's <i>Aeneid</i></li> <li>▪ Greek / Roman Philosophy</li> <li>▪ The Classical Hero</li> </ul>
<b>NOTES</b>	Classical Studies equips students with valuable transferable skills such as critical thinking, research and communication, making them well suited for a diverse range of careers. These skills are particularly useful in fields like journalism, law and teaching, but also applicable in less obvious areas like trade and industry		
<b>CONTACT:</b> Mr Baird			

# GEOGRAPHY

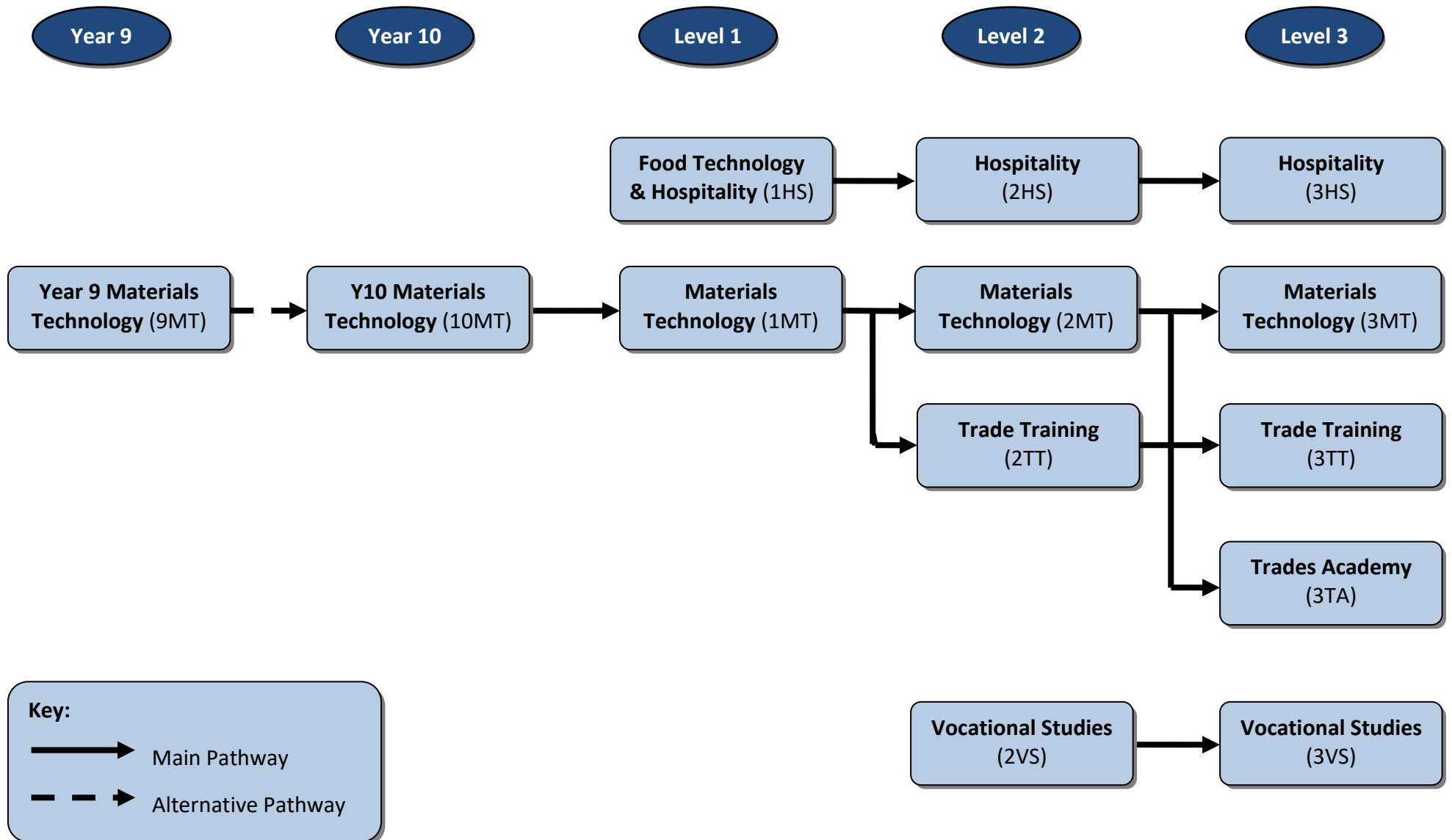
<p>Geography is for students who are open-minded, interested in the world around them and is a natural progression from Social Studies. Those who choose to study Geography will develop intellectual skills that will enable them to critically evaluate and analyse. At the end of the courses you will have developed transferable skills such as decision making, communication and teamwork through the study of a variety of case studies both local and global. Geography is a well-rounded subject that provides students with knowledge about our rapidly changing world and how humans are impacting on it.</p>			
COURSE TITLE	Level 1 Geography	Level 2 Geography	Level 3 Geography
COURSE CODE	1GE	2GE	3GE
PREREQUISITE	-	It is recommended that students have completed the NCEA Level 1 Geography course, but it is not essential. Students need to have gained Level 1 Literacy. Approval of the TIC is necessary.	NCEA Level 2. Students new to geography will need to become conversant with the key geographic concepts and core geographical skills. Students will need to have 8 credits for externals at Merit and Excellence for English Level 2. Approval of the TIC is necessary.
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 4 or 8 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ Demonstrate understanding of the spatial distribution of phenomena and its impacts on place (the environment that surrounds us)</li> <li>▪ Research</li> <li>▪ Demonstrate understanding of how natural processes shape an environment</li> <li>▪ Demonstrate understanding of geographic decision making in response to a geo challenge in wider pacific region.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Large natural environment: Tongariro Volcanic Centre</li> <li>▪ Global Geographic topic: malaria</li> <li>▪ Urban pattern: Chicago</li> <li>▪ Contemporary NZ issue: TBC</li> <li>▪ Geographic Research</li> <li>▪ Geography skills</li> <li>▪ GIS: Topic tbc</li> </ul> <p>There will be a field trip to Tongariro National Park.</p>	<ul style="list-style-type: none"> <li>▪ Global Geographic Topic: Diamond trade</li> <li>▪ Geographic Issue: Human Trafficking</li> <li>▪ Optional: Cultural Processes Tourism in Bali</li> <li>▪ Geographic Research: Coastal</li> <li>▪ Geographic Skills</li> <li>▪ Contemporary event: R&amp;V</li> <li>▪ GIS: Ski field</li> </ul> <p>Students will have a choice for their Geographic research and an opportunity to conduct fieldwork at Castlepoint</p>
<p><b>NOTES:</b> There are many career opportunities associated with Geography as a result of the strong analytical skills the subject develops in students. Career paths for those with a Geography background include law, cartography, GIS specialist and analyst, international aid worker, disaster planning and relief, politics and foreign affairs, environmental consultancy, resource management and teaching.</p>			
<p><b>CONTACT:</b> Ms Sturgeon</p>			

## HISTORY

<p>These courses are a natural progression from Year 10 Social Studies. An awareness of History inspires students to become confident, questioning and empathetic individuals. With these skills students enhance their employability and are able to participate actively and critically in their societies.</p>			
COURSE TITLE	Level 1 History	Level 2 History	Level 3 History
COURSE CODE	1HI	2HI	3HI
PREREQUISITE	-	It is recommended that students have completed the NCEA Level 1 History course, but is not essential. Students need to have gained Level 1 Literacy. Approval of the TIC is necessary.	It is recommended that students have completed the NCEA Level 2 History course, but is not essential. Students need an interest in history and to have gained UE Literacy. Approval of the TIC is necessary.
FEES	-	-	-
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	by Achievement Standards <ul style="list-style-type: none"> <li>• 10 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 14 credits internally assessed</li> <li>• 9 credits externally assessed</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 15 credits internally assessed</li> <li>• 10 credits externally assessed</li> </ul>
CONTENT	<ul style="list-style-type: none"> <li>▪ US Civil Rights Movement / Parihaka</li> <li>▪ Origins of WWII</li> <li>▪ New Zealanders and WWII</li> <li>▪ The Cold War</li> </ul>	<ul style="list-style-type: none"> <li>▪ The Vietnam War</li> <li>▪ Nazi Germany</li> <li>▪ Origins of World War I</li> </ul>	<ul style="list-style-type: none"> <li>▪ The Arab / Israeli Conflict</li> <li>▪ Individual Historical Inquiry</li> <li>▪ Decision to Drop the Atomic Bomb</li> </ul>
<p><b>NOTES:</b> Historians develop a range of useful skills for the workplace. They become experts at collecting, analysing and evaluating data. These skills are required in such jobs as a lawyer, researcher, curator, teacher, diplomat, journalist, publisher, archivist, public service.</p>			
<p><b>CONTACT:</b> Mr Dennison</p>			

# TRADE & VOCATIONAL TRAINING DEPARTMENT

## Curriculum Pathways Map



# HOSPITALITY

Food Technology and Hospitality includes the study of food, nutrition, different people's needs and working in a restaurant.			
COURSE TITLE	Level 1 Food Technology & Hospitality	Level 2 Hospitality	Level 3 Hospitality
COURSE CODE	1HS	2HS (First year of Level 2 Study)	3HS (Second year of 2HS Study)
PREREQUISITE	Written approval of HOD or TIC	Written approval of HOD or TIC	Interview by TIC. Already completed 2HS
FEES	\$160	\$160	\$160
QUALIFICATION	NCEA Level 1	NCEA Level 2	NCEA Level 3
ASSESSMENT	By Achievement5 Standards <ul style="list-style-type: none"> <li>12 credits internally assessed</li> </ul> by Unit Standards <ul style="list-style-type: none"> <li>7 credits internally assessed</li> </ul>	by Unit Standards <ul style="list-style-type: none"> <li>21 credits internally assessed</li> </ul>	by Unit Standards <ul style="list-style-type: none"> <li>25 credits internally assessed</li> </ul> There is the possibility of up to 14 Achievement Standard credits being offered, as a UE approved subject.
CONTENT	<p>Explore advanced principles of hospitality alongside innovative culinary techniques and develop skills in food design.</p> <p>Technology – 2 units</p> <ul style="list-style-type: none"> <li>Develop a materials and processing technology outcome</li> <li>Experiment with different materials to develop a materials and processing technology</li> </ul> <p>Hospitality – 3 unit standards</p> <ul style="list-style-type: none"> <li>Career pathways</li> <li>Knife care and use</li> <li>Prepare and present egg and cheese dishes</li> </ul>	<ul style="list-style-type: none"> <li>Practise food safety methods in food business</li> <li>Handle knives in a commercial kitchen</li> <li>Preparation/Presentation of salad</li> <li>Preparation/Presentation of fruit &amp; vegetable cuts</li> <li>Sandwiches</li> <li>Cooking: Frying</li> <li>Cooking: Grilling</li> <li>Cookery: Roasting</li> </ul>	<ul style="list-style-type: none"> <li>Food hazards and control</li> <li>Assemble complex sandwiches</li> <li>Give oral instructions in the work place</li> <li>Knowledge of nutrition in catering</li> <li>Knowledge of culinary products</li> </ul> <p><i>Level 3 Home Economics</i> Up to 14 credits may be available as an extension in Term 2/3, with the approval of the Principal.</p>
<p><b>NOTES:</b> By studying 1HS students work through a foundation year. Students in Year 12 are working towards gaining Service IQ Cookery which is a perfect entrée to a job in a commercial kitchen. Year 13 students build upon existing knowledge as well as completing a Certificate in Food Hygiene. This class will also have the opportunity to achieve some Level 2 Achievement Standards. This course builds rewarding careers and experiences in New Zealand's booming services industry.</p>			
<p><b>CONTACT:</b> Mr Chambers</p>			

## MATERIALS TECHNOLOGY

Technology involves developing products to address real needs and opportunities existing in our community.			
COURSE TITLE	Level 1 Materials Technology	Level 2 Materials Technology	Level 3 Materials Technology
<b>COURSE CODE</b>	1MT	2MT	3MT
<b>PREREQUISITE</b>	Prior enrolment in 10MT is preferable but not compulsory.	10 credits in Level 1MT. Consideration may be given to other students with a background in Design & Visual Communication and Technology	10 credits in Level 2MT.
<b>FEES</b>	\$70	\$70	\$70
<b>QUALIFICATION</b>	NCEA Level 1	NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>	by Unit Standards <ul style="list-style-type: none"> <li>• 20 credits</li> </ul>	by Unit Standards <ul style="list-style-type: none"> <li>• 20 credits</li> </ul>	by Achievement Standards <ul style="list-style-type: none"> <li>• 20 credits</li> </ul>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Practice of engineering and construction skills</li> <li>▪ Knowledge of safety procedures in a workshop</li> <li>▪ Development of products using a range of hard materials.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Graphic communication and design</li> <li>▪ Welding</li> <li>▪ Engineering and technological design</li> <li>▪ Shaping and forming materials</li> <li>▪ Materials studies</li> </ul>	<ul style="list-style-type: none"> <li>▪ Design</li> <li>▪ Investigation</li> <li>▪ Research</li> <li>▪ Analysis</li> <li>▪ Shaping and forming materials</li> </ul>
<p><b>NOTES:</b> In the Level 1 course you will be preparing for assessment in practical outcome Achievement Standards. The course is based on practical projects supported by relevant written theory. The Level 2 course is working towards Technology Achievement Standards. In Level 3, students are developing a product based on their designs and planning. There may be extra costs to fit with the students' materials needs.</p>			
<p><b>CONTACT:</b> Mr Hoskin</p>			

## TRADES TRAINING and TRADES ACADEMY

<b>Trade Training offers opportunity for students who are interested in engineering and the construction industry.</b>			
COURSE TITLE	Level 2 Trade Training	Level 3 Trade Training	Level 3 Trades Academy
<b>COURSE CODE</b>	2TT	3TT	3TA
<b>PREREQUISITE</b>	HOD approval or prior experience in Y11 MT	Level 2 Technology / Construction and HOD approval	By application to HoD and T-I-C Must have successfully completed Level 2 or Level 3 Trade Training OR Materials Technology OR Mechanical Engineering
<b>FEES</b>	\$70	\$70	\$60
<b>QUALIFICATION</b>	NCEA Level 2 Unit Standards	NCEA Level 3 Unit Standards	NCEA Level 3 Standards
<b>ASSESSMENT</b>	by Unit Standards <ul style="list-style-type: none"> <li>• up to 27 credits</li> </ul>	by <i>Internally assessed</i> Unit Standards <ul style="list-style-type: none"> <li>• up to 20 credits</li> </ul>	<i>By Internally assessed Unit Standards</i>
<b>CONTENT</b>	<ul style="list-style-type: none"> <li>▪ Hand tools for projects</li> <li>▪ Safe working practice</li> <li>▪ Project construction</li> <li>▪ Use of materials and equipment</li> <li>▪ Trade terminology</li> <li>▪ Related trade careers</li> </ul>	<ul style="list-style-type: none"> <li>▪ Hand tools for projects</li> <li>▪ Safe working practice</li> <li>▪ Project construction</li> <li>▪ Use of materials and equipment</li> <li>▪ Trade terminology</li> <li>▪ Related trade careers</li> </ul>	<ul style="list-style-type: none"> <li>▪ Construction of set piece</li> <li>▪ Financial Literacy</li> <li>▪ Electronics</li> <li>▪ Measurement/Number</li> <li>▪ Using maths in construction</li> </ul>
<b>NOTES:</b>			
<ul style="list-style-type: none"> <li>• These courses are is for students who are thinking of venturing into trade related careers or who have an interest in creating and making projects. The courses have a strong practical emphasis but there are worksheets and tests to pass.</li> <li>• <b>Level 3 Trades Academy</b> is designed for students who are thinking of venturing onto a Carpentry or carpentry-related trade apprenticeship when they leave school. This course covers <b>TWO timetable lines</b>, and counts as TWO subjects when choosing subjects. Students must have achieved Level 1 Literacy and Numeracy. <b>Students may NOT choose 3TT and 3TA</b></li> </ul>			
<b>CONTACT:</b> Mr Hoskin			

## VOCATIONAL STUDIES

<p><b>Vocational Studies offers an individualised learning programme around core employment skills and Vocational Pathways. This is done through classroom activities and industry-based training</b></p>			
<b>COURSE TITLE</b>		<b>Level 2 Vocational Studies</b>	<b>Level 3 Vocational Studies</b>
<b>COURSE CODE</b>		2VS	3VS
<b>PREREQUISITE</b>		Approval of HOD or Teacher in Charge	Approval of HOD or Teacher in Charge
<b>FEES</b>		Aviation flying lessons \$250 per lesson	Aviation flying lessons \$250 per lesson
<b>QUALIFICATION</b>		NCEA Level 2	NCEA Level 3
<b>ASSESSMENT</b>		by Unit Standards (Level 2) <ul style="list-style-type: none"> <li>• <i>27 credits internally assessed</i></li> </ul>	by Unit Standards (Level 3) <ul style="list-style-type: none"> <li>• <i>20 credits internally assessed</i></li> </ul>
<b>CONTENT</b>		Choose a structured Gateway workplace learning environment which may lead to employment e.g. electrical, automotive, civil / water, aviation, carpentry, hospitality sports coaching, barista etc. Gain credits, make connections / networks in an industry. Classroom work is all internal.	Choose a structured Gateway workplace learning environment which may lead to employment e.g. electrical, automotive, civil / water, aviation, carpentry, hospitality sports coaching, barista etc. Gain credits, make connections / networks in an industry. Classroom work is all internal.
<p><b>NOTES:</b> There will be workplace opportunities through the Gateway programme and depending on availability. Acceptance into these opportunities is conditional on meeting specified criteria. Students are supported in the workplace with PPE and related industry specific standards.</p>			
<p><b>CONTACT:</b> Ms Wilson</p>			

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