

2019 Junior Course Handbook

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INTRODUCTION

Teach a child to choose the right path, and when he is older he will remain upon it. - Proverbs 22:6

This junior curriculum subject choice information has been developed to assist students and parents to make the most appropriate subject selections in Year 10. All Year 9 and 10 students at Roncalli College study a compulsory set of core subjects. These are listed below for your reference. In Year 9 students have a taster of the available options. This allows them to make more informed choices as they progress through the College.

Students in Year 10 have the opportunity to choose up to four optional subjects in a 2 semester structure. Note that some of the core subjects in Year 9 become options in Year 10.

The basic guidelines to take into account when choosing subjects is the importance of maintaining a general, well-balanced mix of subjects that will ensure flexibility of future choices well into the future, that the students enjoy. Students should take every opportunity to talk with parents and their teachers about option choices. If you would like further information or if you have any questions, please feel free to talk to the subject curriculum leader or Mrs Rooney.

YEAR 9 2019

Students at Year 9 take a set of core course subjects for the full year. They also have three sets of concurrent course rotations. Within each set, students rotate approximately every nine weeks. They do this within their core Year 9 class.

Core Subjects		Periods per 10 day timetable cycle	
English		7	
Mathematics		7	
Physical Education		6	
Science		7	
Social Studies		7	
Religious Education rotation 6 periods per 10 day timetable cycle		Set 2 course rotation 4 periods per 10 day timetable cycle	
RE – The Gospel Story	Design & Visual Communication	Drama	
RE – Social Justice	Food and Nutrition	Music	
RE – History of Roncalli	Resistant Materials Technology	Spanish	
RE – Identity, Spirituality, Wellbeing	Te Reo	Visual Art	
		Set 3 course rotation 6 periods per 10 day timetable cycle	

YEAR 10 2019

At Year 10, students study each of the core course subjects and two selected optional subjects for semester one and two for semester two. Students may choose 2 option courses for the entire year OR 1 option for a full year and 2 options for one semester each OR four subjects that all run for 1 semester. Please note that Spanish is a full year option and counts as two option choices.

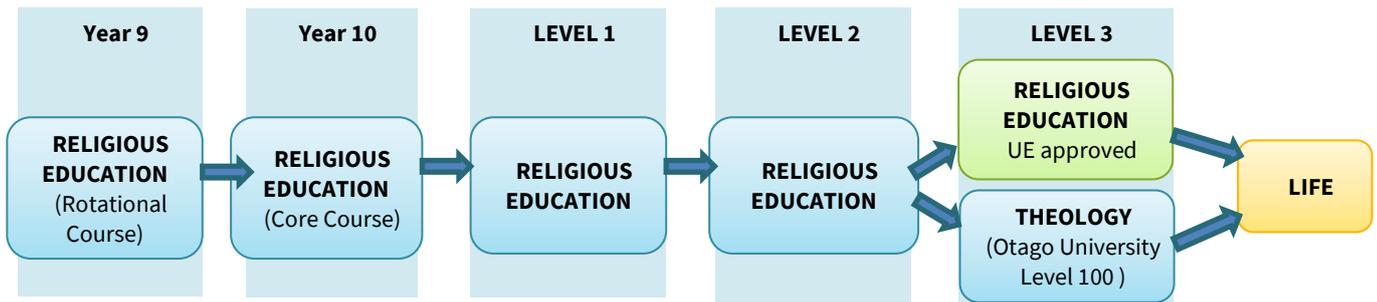
Core Subjects	Periods per 10 day cycle	Optional subjects – choose up to four from this list
Religious Education	6	<i>6 periods per 10 day timetable cycle</i>
English	7	Design & Visual Communication
Mathematics	7	Digital Technology
Science	7	Drama
Social Studies	6	Enterprise Studies
Physical Education	5	Technical Engineering
		Food and Nutrition
		Media Studies
		Music
		Resistant Materials Technology
		Spanish (Full year course)
		Visual Art

TUTORIAL GROUPS

Small group tutorial classes are available for selected students to support them with literacy or numeracy. For more details about these groups see Mrs Rooney, the Academic Advisor or Mrs Hough SENCO.

RELIGIOUS EDUCATION – CURRICULUM LEADER: MS ADELE CHURCHMAN

Religious Education is an integral part of the life of students at Roncalli College.



RELIGIOUS EDUCATION

Who is this subject intended for:

Religious Education is a core subject and intended for all Year 9 and 10 students.

What you will learn in this subject:

Skills:

Critical thinking, decision making, valuing, relationships, use of language symbols and texts, rituals, self- management, participation and contribution, leadership.

Content:

Year 9

A ‘Creation’ Retreat Day and camp are part of this integrated programme.

Topics include:

- Identity
- Life and Times of Jesus
- The Eucharist and the Church Year
- the Church’s Story – the Beginnings
- Creation and Co-creation
- the Beginnings of the NZ church
- Recognising Signs of God
- Sacraments of Initiation

Rotations:

- 1) Jesus story – Life and prayer
- 2) Justice – Ecology and people
- 3) History - Beginnings and Roncalli
- 4) Identity - Body/Mind/Spirit

Year 10

A Retreat Day called ‘The Jesus Difference’ focusing on Friendship is part of this integrated programme.

- 1) Social Justice – Caritas Unit Move It!, Live It! Sweat It! Stop It! – Integrated with Year 10 Camp
- 2) Being a Roncallian
- 3) Jesus as a Role Model
- 4) The Middle Ages – The Church’s story

5) Identity, Spirituality and Wellbeing

Where this subject will lead:

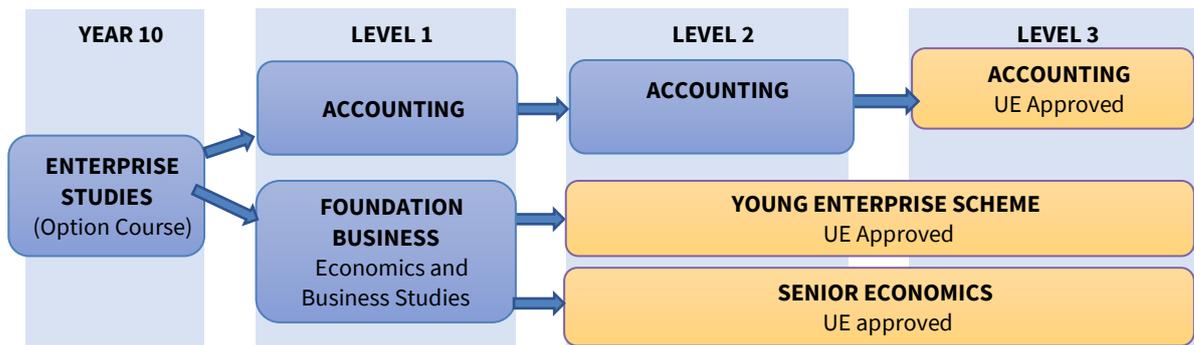
An awareness of your own spirituality, its sacredness, uniqueness and development as modelled by the person and Gospel of Jesus Christ. It broadens your understanding of Catholic traditions, biblical studies, liturgy, philosophical ethics, social justice and what it means to be a person who seeks truth and peace. In Year 9 it leads to Year 10 Religious Education and in Year 11 leads to Level 1 Religious Education.

What you need to be able to do and know to achieve in this subject:

This course builds on the Religious Education programme taught in Catholic Primary Schools. It will help you to continue to internalise and use the ideas, concepts, values and skills of these programmes and to continue to grow in spiritual awareness. However if you have not experienced the Religious Education programme from a Catholic Primary School, you will be helped to deepen the understandings and spiritual awareness you do have. This will need commitment and effort on your part.

The Year 10 course builds on Religious Education taught in Year 9. It will help you continue to internalise and use the ideas, values and skills from this programme and to continue on your journey of growth and spiritual awareness.

Every student is required to have their own Bible which follows them throughout their time at Roncalli College.



ENTERPRISE STUDIES - YEAR 10

Who is this subject intended for:

This is for students who have an interest in finance and in business. It is an option subject that is popular because it involves hands on experience of the business world. This subject is **best** suited for those students that like working in teams.

What you will learn in this subject:

Skills:

You will learn important skills such as decision-making and problem-solving. There are numeracy skills involved because you will be trying to make money. Research skills will be used to carry out an economic investigation. Most importantly, you will develop skills that will allow you to work effectively in a team.

Content:

The course is divided into three main units, designed to develop enterprising behaviours and put them into practice during a Dragons' Den and Market Day. You will produce a curriculum vitae in preparation for job hunting

and study the real life demands of post-school life.

Where this subject will lead:

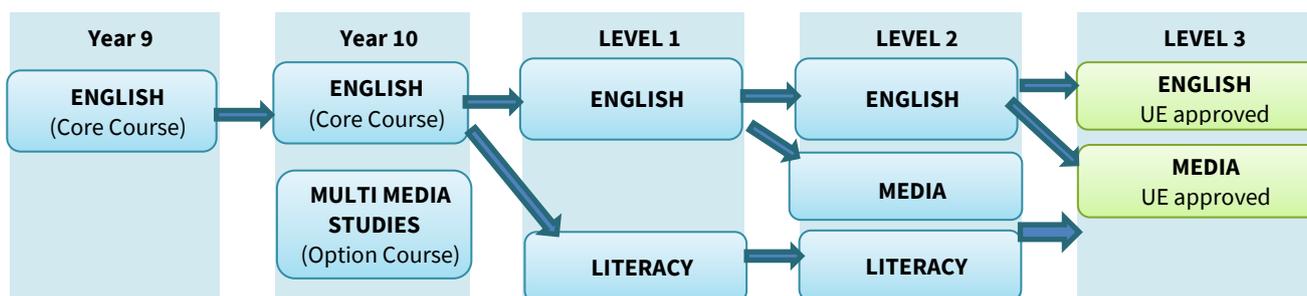
Taking this course provides a good background for senior Commerce and may lead to further specialisation in Accounting, Economics or Business. If you decide to follow this course through to senior levels, it leads on to many University and Polytechnic courses which could give advanced qualifications in commerce related fields.

What you need to be able to do and know to achieve in this subject:

A positive attitude will help you to work well in a team. You **must** be willing to participate fully in the course to help you get the most out of it. You need to be good at organising your time and resources to do well. Creative thinking will help you to develop innovative business ideas, so giving things a go will be needed if you are to succeed at the highest level.

ENGLISH – CURRICULUM LEADER: DR ANDREW WILLIAMSON

In English students study, use, and enjoy language and literature, communicated orally, visually and in writing through Reading, Writing, Listening, Speaking, Viewing and Presenting



ENGLISH

Who is this subject intended for:

English is a core subject and is intended for all students.

What you will learn in this subject:

Skills:

The English curriculum is structured around two interconnected strands whereby students learn to make meaning of ideas or information they receive by *Listening, Reading, and Viewing* and create meaning for themselves and others by *Speaking, Writing, and Presenting*. At this level the emphasis is on students becoming independent thinkers, hence the statement that **English is a lens that connects to others and a mirror to challenge ourselves**. By the end of Year 10 Students will have developed knowledge, skills, and understandings related to:

- text purposes and audiences
- ideas within language contexts
- language features that enhance texts
- the structure and organisation of texts

Content:

Junior English exposes students to the Humanities through oral, written, and visual forms of the language. The content is as varied and broad as possible and students are encouraged to find out their own information and then put this information into a broader context.

Where this subject will lead:

The achievement objectives within each strand create progressions through which most students move as they become more effective oral, written, and visual communicators which in turn prepares them for NCEA Level 1 English in Year 11.

What you need to be able to do and know to achieve in this subject:

To achieve in English students need to be prepared to think for themselves, enjoy having an opinion, complete work to a high personal standard, stay focused and work independently.

Course contribution:

\$15.00 contribution including workbook.

MEDIA STUDIES - YEAR 10

Who is this subject intended for:

Students who communicating and may be interested in advertising, journalism and broadcasting as a career pathway.

What you will learn in this subject:

Skills:

Plan, research and present work using various media. Self-management, organisational and collaborative skills.

Content:

- Print media (magazines, newspapers) and journalism; - Advertising and representation (e.g. how are "women's" and "men's" products

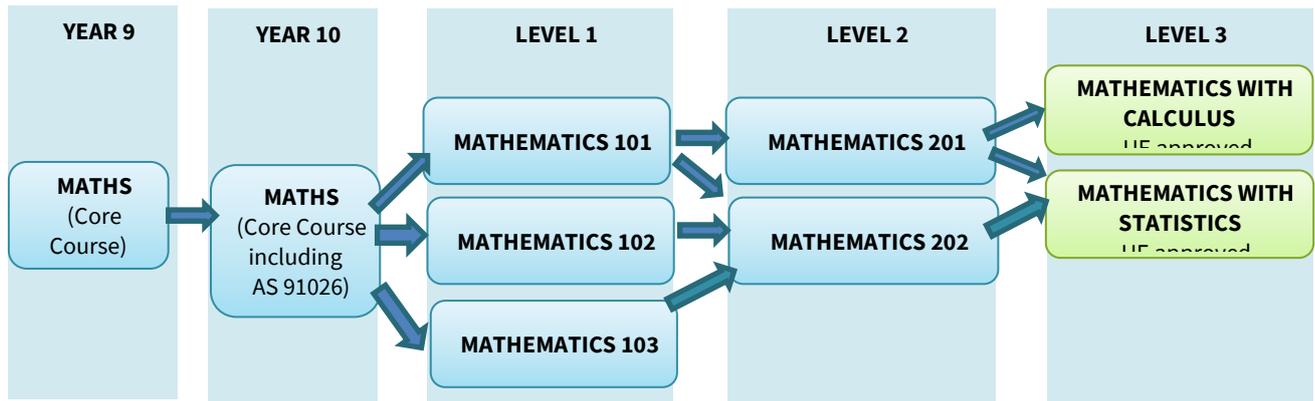
advertised in different ways?); - Radio production and making their own radio shows; - Film study of a genre (e.g. musical or horror).

Where this subject will lead:

NCEA Level 1 English and NCEA Level 2 Media

What you need to be able to do and know to achieve in this subject:

You need to know how to be responsible for some of your own learning, be a problem solver, be creative, open minded to others' ideas and be prepared to formulate your own opinion and express it.



MATHEMATICS

Who is this subject intended for:

Mathematics is a core subject and is intended for all students.

What you will learn in this subject:

Skills:

Students are given the opportunity to develop the ability to think creatively, critically, strategically and logically. They learn to structure and to organise, to carry out processes accurately and to process and communicate information. They also learn to create models and predict outcomes, to conjecture, to justify and verify and to seek patterns and generalisations. Students also learn to estimate, calculate with precision and to interpret results in context.

Content:

- Number and Algebra (Number strategies and knowledge, equations and expressions, patterns and relationships).

Note: In Year 10 students study an NCEA Level 1 Achievement Standard 91026 – Apply numeric reasoning in solving problems (4 credits)

- Geometry and Measurement (Measurement, shape, position and orientation, transformations)
- Statistics (Statistical investigation, statistical literacy, probability)

Where this subject will lead:

- Level 1 Mathematics and then to NCEA Levels 2 and 3
- Other curriculum areas like Science, the Social Sciences and Technology
- All careers whether they be professional, trade or otherwise
- Everyday life

What you need to be able to do and know to achieve in this subject:

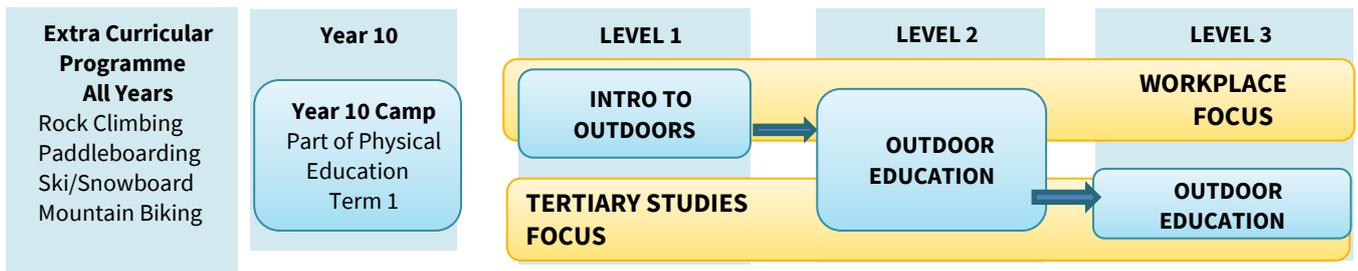
Students need to have a sound knowledge and understanding of basic number facts, including an instant recall of multiplication tables from zero to twelve. A positive attitude coupled with a willingness to learn in a cooperative learning environment is essential for on-going progress. It is important for students to continue to develop critical thinking skills and to take responsibility for their own learning.

Course Contribution:

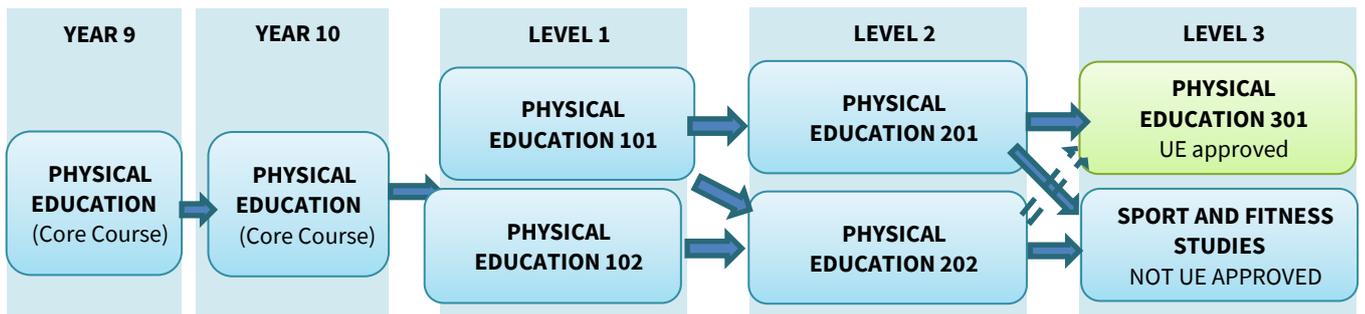
\$25 Maths Buddy online subscription; Calculator (Year 10), contribution to compete in multiple Mathematics competitions (optional).

If students are serious about their study of Mathematics long term (for Year 13), then the department advise the purchase of a Graphics Calculator (est. \$100 available from the Mathematics department).

OUTDOOR EDUCATION – TEACHER IN CHARGE: MR GUY SUTHERLAND



PHYSICAL EDUCATION – CURRICULUM LEADER: MR BRYCE CAIRD



PHYSICAL EDUCATION & HEALTH

Who is this subject intended for:

Physical Education is an exciting and interactive core subject in Year 9 and 10 which promotes learning in, through and about movement. Health Education covers wellbeing and strategies to keep ourselves safe and is taught through a two pronged approach, as part of the Physical Education curriculum and also as a rotation subject for one term in conjunction with Religious Education.

What you will learn in this subject:

Skills:

A range of strategies to enhance well-being and growth and development, interpersonal skills, movement concepts and motors skills, outdoor education, positive attitudes towards movement and risk management strategies.

Content:

Each unit is assessed using a variety of methods and relate to a strand of the PE curriculum and key competencies eg. written tasks, practical

skills, self/peer assessment, video, assignments and class tests.

Where this subject will lead:

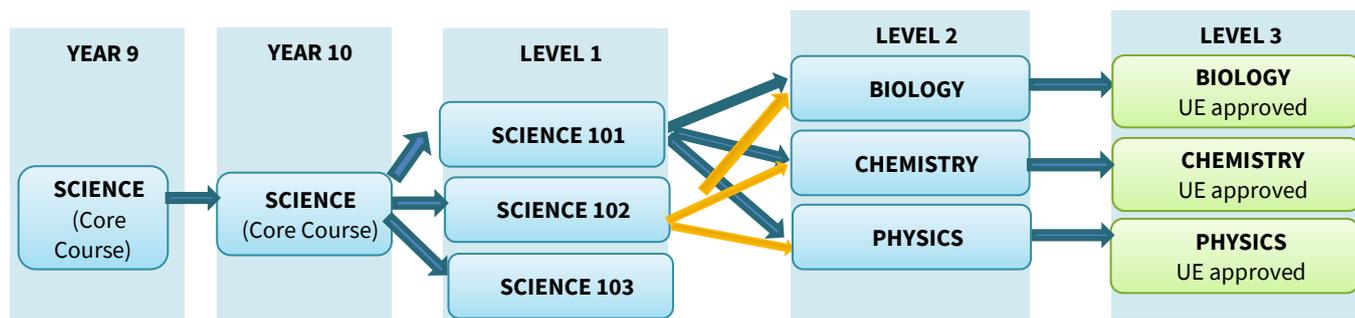
The junior PE programme is designed to give students the fundamental skills for entry into senior PE NCEA Levels 1-3. Physical Education offers students a range of exciting career pathways including Physical Education Teacher, Physiotherapist, personal trainer, sports team coaches or managers. There are career opportunities for Physical Education graduates in the armed forces, recreation and leisure, or sports management.

What you need to be able to do and know to achieve in this subject:

Effort and perseverance are values that are strongly encouraged in this subject area through participation in practical activities.

Course Contribution:

Year 10 Camp Boyle River – cost to be advised.



SCIENCE

Who is this subject intended for:

Science in Year 9 & 10 is a core subject where we make sense of the world around us. It is an interactive subject where students are in hands laboratories and experiments.

What you will learn in this subject:**Skills:**

Students will build thinking and experimental skills and learn how to set up and carry out investigations. Science students will develop their graphing and data handling skills and learn more about communicating and modelling in scientific situations.

Content:

Students in Science will learn about physical forces, chemicals, living things, genetics, reproduction, geology and astronomy.

Where this subject will lead:

At the end of Year 10 students will move to NCEA science and will be able to choose their course depending on the assessment type involved. Following years, 12 & 13, could then involve study in specialist subjects of Biology, Chemistry and Physics.

What you need to be able to do and know to achieve in this subject:

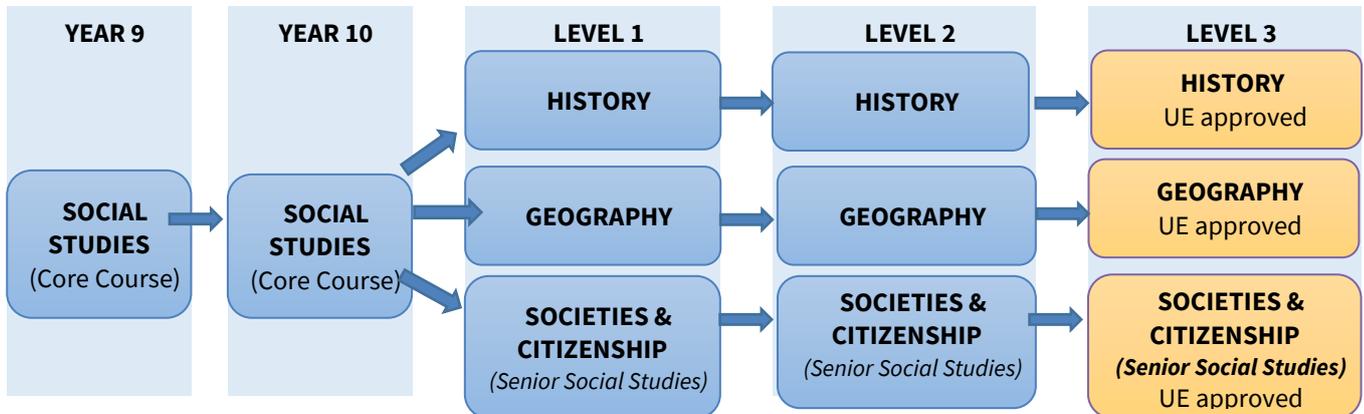
A successful science student would be curious, have an open mind and a positive attitude to learning about new ideas and concepts. Students should be prepared to learn the language of Science, be organised for class and show a determination to complete all work.

Course Contribution:

\$30 Write-on Resource.

SOCIAL SCIENCES – TIKANGA A IWI – CURRICULUM LEADER: MRS ROBYN GILLIES

This faculty has several subject areas that are all to do with PEOPLE. In the world we live in it is important to develop the ability to work well with others and to be able to participate in society with confidence. Senior students especially, should consider including a Social Science in their course as future pathways usually involve interacting with others.



SOCIAL STUDIES

Who is this subject intended for:

It is a two-year course for all students who attend Roncalli College. It is intended that over that time you will develop important habits and skills that you will use throughout your life.

What you will learn in this subject:

Skills:

There are important communication skills such as reading and writing and the ability to express yourself clearly; stating and justifying opinions; making decisions and acting upon them; problem solving; and numeracy skills such as interpreting tables of data and drawing graphs and so on. Another important skill is the ability to carry out research. You will learn that a lot of the skills you develop will be useful in other subjects too.

Content:

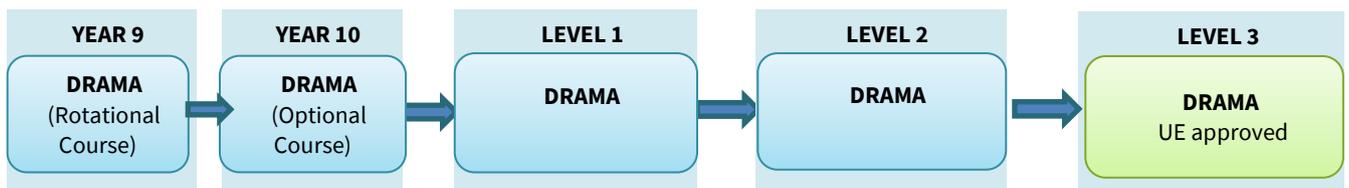
We use all sorts of current and relevant contexts to learn about four important areas that we cover in this course – these are: places and environments; how things have changed over time; about how societies work; and about the economy.

Where this subject will lead:

This subject will support many senior option courses in the Social Sciences, such as Geography, History, Societies and Citizenship, and Commerce. It will help you in other subject areas too. Because there is an emphasis on PEOPLE it will lead to all sorts of careers that involve people. You will see the relevance of what we do throughout your life.

What you need to be able to do and know to achieve in this subject:

Are you curious and interested in the world around you and in what people are doing and why? These attitudes will always help you to do well. You should be keen to learn and be willing to seek help from your teacher if necessary. By being a responsible student who follows the advice given to you by your teacher, you are more likely to succeed. Being well organised is another useful habit. For example, by being prepared for class and by completing all tasks you are set, you are far more likely to be successful. You will also get more out of the course if you participate fully in what we do.



DRAMA YEAR 9

Who is this subject intended for:

All Year 9 students will take Drama classes for approximately one term.

What you will learn in this subject:

Skills:

In Year 9 Drama you will learn team work, communication/performance skills and characterisation.

Content:

- Improvisation

- Script work

- Characterisation

Where this subject will lead:

Achieving Year 9 Drama will build the foundations you will need for Year 10 Drama.

What you need to be able to do and know to achieve in this subject:

To achieve in Year 9 Drama you will need to be willing to take risks, be open minded and willing to experiment and work with others.

DRAMA YEAR 10

Who is this subject intended for:

This subject is aimed at students in Year 10.

What you will learn in this subject:

Skills:

In Year 10 Drama you will build on the skills of *developing practical knowledge, developing ideas, understanding drama in context and communicating and interpreting* in a dramatic context.

Content:

Students will work with the basic techniques, elements and conventions of drama in order to create coherent, effective pieces of work. Using these skills, students will experiment with

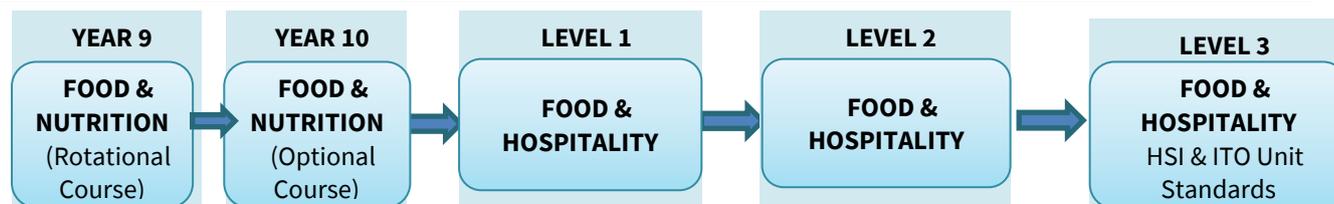
improvisation, theatre form, devising and script work.

Where this subject will lead:

Achieving Year 10 Drama will build the foundations you will need for NCEA Level 1 Drama.

What you need to be able to do and know to achieve in this subject:

To achieve in Year 10 Drama you will need to be willing to take risks, be open minded and willing to experiment, be committed to working outside class and school time, be focused, work independently and take responsibility for your own learning.



FOOD AND NUTRITION – YEAR 9

Who is this subject intended for:

All students.

What you will learn in this subject:

Skills:

Within a ‘Masterchef’ themed breakfast unit, “He aha te parakuihi?” students will learn A variety of basic practical skills to teach effective and safe equipment use. The students will learn food preparation skills and basic cookery methods.

Content:

Food safety; Kitchen appliances and equipment/abbreviations/terminology; nutrition – breakfasts; technology design processes; development of a food product.

Where this subject will lead:

The students will be able to make informed decisions on healthy eating and be able to prepare nutritious food for themselves and others. The students are able to take year 10 Foods.

What you need to be able to do and know to achieve in this subject:

Have motivation to learn and develop new practical skills and concepts. The student must enjoy cooking and be prepared to take risks and work together in a practical environment. It is advisable that the students practise skills be taught at home.

Course Costs:

\$40 take home component

FOOD AND NUTRITION – YEAR 10

Who is this subject intended for:

Students who are interested in cooking and are passionate about creating new dishes. The student needs to be interested in technology and the developmental processes for designing and making new products.

What you will learn in this subject:

Skills:

The students learn a wide range of practical skills that are suitable for safe and reliable cooking. The students learn food preparation techniques and develop creative ways of presenting their dishes to show flair and originality.

Content:

The students will have the opportunity to cook once a week.

- Food Safety
- Camp Cooking
- Food from Other Cultures

- From Moo to You (Calcium)
- Special Occasion Foods

Where this subject will lead:

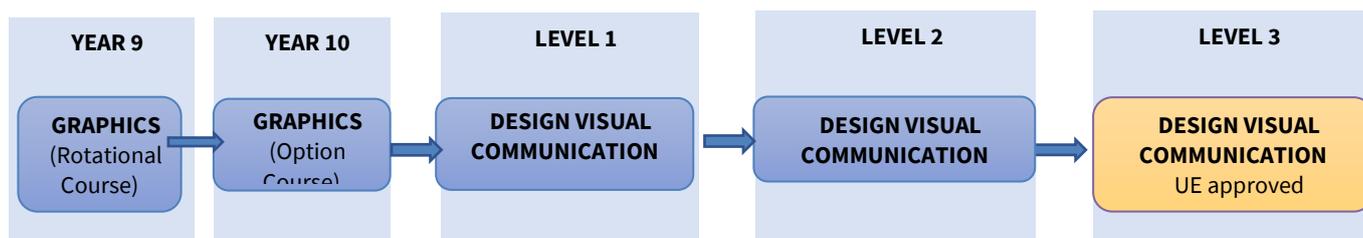
The practical and theory skills will develop a foundation of transferable skills required for all units of work in the year 11 Food and Hospitality programme. The year 11 programme allows the students to gain NZQA credits at level one as well as Industry approved qualifications.

What you need to be able to do and know to achieve in this subject:

Have motivation to learn and develop new practical skills and concepts. The student must enjoy cooking and be prepared to take risks and work with others in the practical environment. It is advisable that the students practise the skills being taught at home.

Course Costs:

\$95 – take home component.



DESIGN VISUAL COMMUNICATION – YEAR 9

Who is this subject intended for:

Students who have an interest in drawing and developing design ideas.

What you will learn in this subject: Skills:

Design Visual Communication (Graphics) education aims to provide a variety of design and drawing experiences that are challenging, creative, useful, and enjoyable and that draw upon students’ interests and cultural backgrounds. Programmes will promote students’ increasing awareness and understanding of technologies, of their applications, and of economic and environmental issues that will encourage the exercising of aesthetic values.

Content:

- Knowledge of the principles and elements of design;
- Extend their ability to apply a design process to solve;
- Product, system and environmental design problems

- Drawing board skills and techniques
- Model making
- Use of different modes and media

Where this subject will lead:

Design Visual Communication is a Year 9-13 subject. Further design courses are available at the tertiary level. This eventually can lead to careers in design, engineering (including most trades), architecture, advertising and computer graphics.

What you need to be able to do and know to achieve in this subject:

This course focuses on where visual literacy and creative thinking is developed, using visual and written communication techniques. Willingness to drawing and have self-motivation and organisational skills are needed and developed through the on-going thinking through practical processes.

DESIGN VISUAL COMMUNICATION – YEAR 10

Who is this subject intended for:

Student who have an interest in drawing and developing design ideas.

What you will learn in this subject: Skills:

Design Visual Communication education aims to provide a variety of design and drawing experiences that are challenging, creative, useful, and enjoyable and that draw upon students’ interests and cultural backgrounds. Programmes will promote students’ increasing awareness and understanding of technologies, of their applications, and of economic and environmental issues that will encourage the exercising of aesthetic values.

Content:

- Knowledge of the principles and elements of design;
- extend their ability to apply a design process to solve;
- product, system and environmental design problems;

- drawing board skills and techniques;
- model making
- use of different modes and media

Where this subject will lead:

Design Visual Communication is a Year 9-13 subject. Further design courses are available at a tertiary level. This eventually can lead to careers in design, engineering (including most trades), architecture, advertising and computer graphics.

What you need to be able to do and know to achieve in this subject:

This course focuses on where visual literacy and creative thinking is developed, using visual and written communication techniques. Willingness to drawing and have self-motivation and organisational skills are needed and developed through the on-going thinking through practical processes.



TE REO – YEAR 9

Who is this subject intended for:

All Year 9 students will study Te Reo for one term on a rotational basis.

What you will learn in this subject:

Skills:

This basic 9 or 10 week course is intended to introduce Te Reo to students, with the focus on speaking basic Te Reo and understanding more about Tikanga. It is an interactive course where students are encouraged to use the language to interact in a simple way through games, songs, activities, pair work and role plays. Learning new vocabulary will be encouraged.

Content may include:

- Meeting and greeting people

- Introducing yourself and asking someone’s name
- Numbers & counting in Te Reo
- Talking about your age and birthday
- Giving the date
- Saying how you feel and what kind of a person you are
- Talking about your pets and family

Where this subject will lead:

Te Reo at higher levels

What you need to be able to do and know to achieve in this subject:

A willingness to learn vocabulary daily is expected. Participate in oral activities, asking and answering simple questions in Te Reo.

SPANISH – YEAR 9

Who is this subject intended for:

All Year 9 students will study Spanish for one term on a rotational basis.

What you will learn in this subject:

Skills:

This basic 9 or 10 week course is intended to introduce a second language to students, with the focus on speaking and understanding. It is an interactive course where students are encouraged to use the language to interact in a simple way through games, songs, activities, pair work and role plays. Students will find out about some aspects of Spanish and South American life and culture. Learning new vocabulary will be encouraged.

Learning new vocabulary will be encouraged.

Content may include:

- Meeting and greeting people

- Introducing yourself and asking someone’s name
- Counting in Spanish
- Talking about your age and birthday
- Giving the date
- Saying how you feel and what kind of a person you are
- Talking about your pets and family

Where this subject will lead:

Year 10 Spanish

What you need to be able to do and know to achieve in this subject:

A willingness to learn vocabulary daily is expected. Participate in oral activities, asking and answering simple questions in Spanish.

Course Contribution:

SPANISH – YEAR 10

Who is this subject intended for:

Students who have completed a term of Spanish in Year 9, and who are interested in going on with this academic subject.

What you will learn in this subject:

skills:

Having had only a basic introduction to another language in Year 9, students who choose Spanish in Year 10 need to be aware that this is a full year course. The focus will be on acquiring vocabulary with a view to speaking and understanding. Students will interact in

pairs and small groups, and learn the basics of Spanish grammar, in order to be able to read and write simple Spanish. They will learn about some aspects of Spanish and South American culture.

Content:

We will cover some more introductory topics like describing things you use at school (an introduction to nouns and gender), colours, family, pets, home life, etc.

The course continues with topics of relevance to teenagers, as students learn to describe their own background and immediate environment -

home life, eating and drinking, getting about town, shopping, clothing and sports and leisure activities.

Where this subject will lead:

NCEA Level 1 Spanish

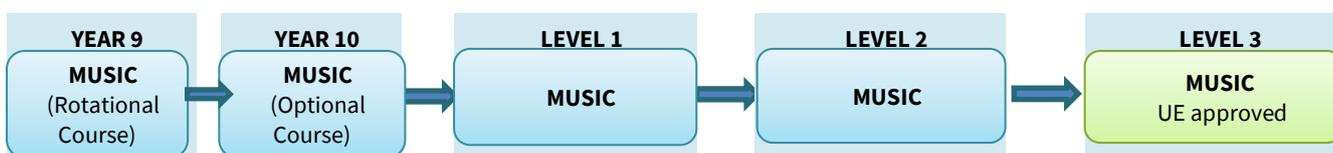
What you need to be able to do and know to achieve in this subject:

This is an academic subject, requiring commitment and a willingness to do homework (especially learning vocab) regularly.

Course Contribution:

\$20 for Language Perfect Digital Programme

MUSIC – CURRICULUM LEADER: MS NIKKI HALL



MUSIC – YEAR 9

Who is this subject intended for:

All Year 9 students will take music classes for approximately one term.

What you will learn in this subject:

Skills:

- Playing the keyboard, drums, guitar
- Listening

Content:

- Chords and songs from “Axis of Awesome”

Where this subject will lead:

This music course prepares students for Year 10 Music. It also offers students an opportunity to begin learning musical instruments.

What you need to be able to do and know to achieve in this subject:

- Work with others
- Work independently
- Open to learning new skills

Costs:

Attending music performances.

MUSIC – YEAR 10

Who is this subject intended for:

This course is about making music – playing instruments and composing. Students will also have opportunities to study pieces of music as well as learn to read and write music notation.

What you will learn in this subject:

Skills:

Performing, composing, listening, researching, reading and writing music.

Content:

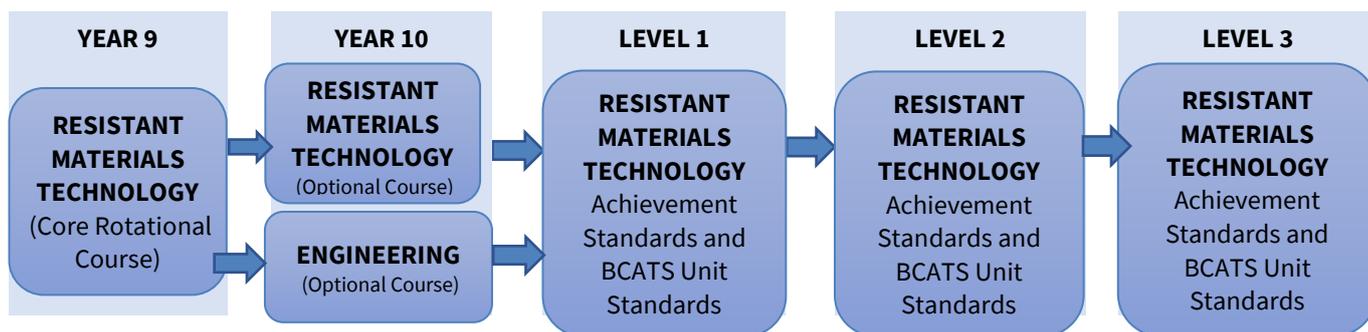
Solo and group performance, composition, learn a new instrument, make a music video, music theory, elements of music, New Zealand piece of music

Where this subject will lead:

Year 11 Music and a future enjoyment of making and listening to music.

What you need to be able to do and know to achieve in this subject:

Learn a musical instrument, work on your own and with others.



RESISTANT MATERIALS TECHNOLOGY – YEAR 9

Who is this subject intended for:

Students who wish to express their creativity through technology design processes. The Year 9 Technology programme is structured to enable students to work through technology processes and design outcomes to meet their needs.

What you will learn in this subject:

Skills:

A variety of basic practical skills using a range of hand tools, machines and techniques.

Content:

The student work through a technology design process using a project booklet to design then

create an end product to meet the needs of the project.

Where this subject will lead:

The students will be able to use all these skills and concepts in the Year 10 Technology course and other technological processes.

What you need to be able to do and know to achieve in this subject:

Students are able to work within their own capabilities to produce designs and outcomes. They need to be able to think and work creatively to produce products using a range of basic skills and appliances.

Course Costs:

\$40 take home component

RESISTANT MATERIALS TECHNOLOGY – YEAR 10

Who is this subject intended for:

The course is intended for anyone interested in developing practical knowledge and skills. We use a make and learn as you go approach and hopefully in the process students develop an ability to problem solve and work independently.

What you will learn in this subject:

Skills:

- Using hand tools
- Using machines – both fixed and portable
- Safe workshop practices
- Capabilities of a variety of materials
- Jointing methods
- Finishing methods: varnish, paint, oil

- Working drawings: specifications, cutting lists
- Workshop processes
- Measuring, calculating, marking
- Teamwork and independence

Content:

Projects vary as do the materials used. However a bedside table is made as a main project.

Where this subject will lead:

The main focus at Year 10 is enjoyment and the satisfaction of making objects with our hands. These are skills you will need later in life but also give a grounding for continued studies at Year 11 and beyond.

Course Costs:

\$80 take home component

TECHNICAL ENGINEERING – YEAR 10

Who is this subject intended for:

This course is intended for students who are interested in pursuing computer design, visual design or technical engineering in the future. Students interested in mathematics, science and computers who enjoy completing projects, working with others, and learning.

What you will learn in this subject:

Skills:

- Basic shop safety and computer safety
- Use of 3D design and modelling software
- Computer coding use G-Code
- CNC machine set up and use
- 3D Printer setup and operation

Content:

Projects will include - Bridge building, ID bracelet or necklace (design and manufacture), designing and building a fidget spinner, robotics. Projects will vary to meet the interests and needs of students.

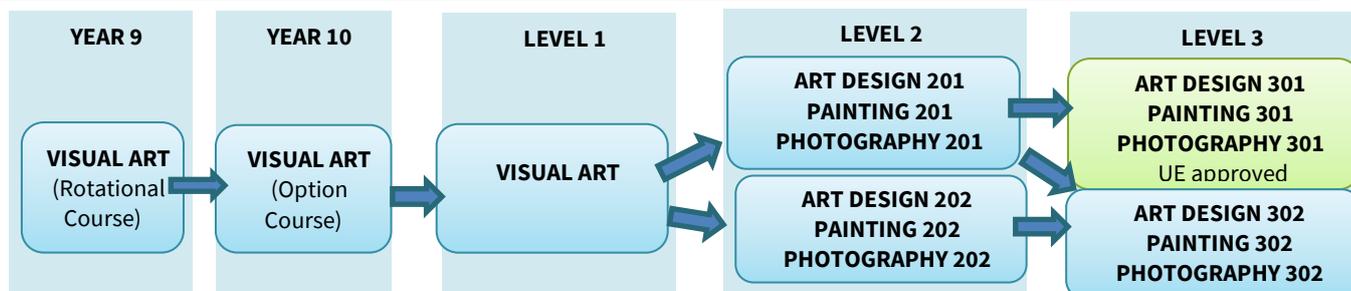
Where this subject will lead:

This course will prepare students for pathways in engineering (including students interested in Physics, Mathematics and Sciences) and/or Design and Visual communication which is a senior course progression

Course Costs:

\$30 take home component

ARTS – CURRICULUM LEADER: MS NIKKI HALL



VISUAL ART – YEAR 9

Who is this subject intended for:

Students who have an interest in art.

What you will learn in this subject:

Skills:

Basic drawing and observation skills, independent thinking and imagination.

Content:

- Some drawing, painting, printmaking and photography.
- Element and principles of art and design
- Practical application and collaboration.
- Self-identity and portraiture, cultural surroundings and context.

Where this subject will lead:

Art is taught at all year levels in the school and can lead to further study after school.

What you need to be able to do and know to achieve in this subject:

Students need to apply themselves and bring some of their own personal thoughts and ideas. Students will need to be able to follow instructions and remain focussed.

Who is this subject intended for:

Students who have an interest in art and students who have taken art at Year 9.

What you will learn in this subject:

Skills:

Drawing, painting, printing and observation skills, independent thinking and imagination.

Content:

- Sketching, painting, printmaking and photography
- Elements and principles of art and design
- Practical application and collaboration

- Self-identity and portraiture, cultural surroundings and context

Where this subject will lead:

Art is taught at all year levels in the school and leads to further tertiary study after school.

What you need to be able to do and know to achieve in this subject:

Students need to apply themselves and bring some of their own personal thoughts and ideas. Students will need to be able to follow instructions and remain focussed. Students will need to continue to develop the skills from Year 9.

NEED MORE INFORMATION?

More information and the Senior Course Handbook are available on the [College website](#).

SENIOR SUBJECT AVAILABILITY IN 2019

Please be aware that while every effort will be made to provide the subjects advertised, subjects will only run if certain criteria are met.

LEVEL 1

Compulsory

Religious Education
English or Literacy
Mathematics 101 / 102 / 103

Highly Recommended (if you meet the prerequisite criteria)

Science 101 / 102

Options

Accounting (Distance Learning)
Business
Digital Technology (Distance Learning)
Design Visual Communication
Drama
English as a Second Language (International students)
Food and Hospitality
French
Geography
History
Music
Outdoor Education
Physical Education 101
Physical Education 102
Resistant Materials Technology
Science 103
Societies & Citizenship
Spanish
Visual Arts

LEVEL 2

Compulsory

Religious Education
English or Media or Literacy

Options

Accounting (Distance Learning)
Art Design 201
Art Design 202
Art Painting 201
Art Painting 202
Art Photography 201
Art Photography 202
Biology
Chemistry
Digital Technology (Distance Learning)
Design Visual Communication 201
Drama
Economics
English as a Second Language (International students)
Food and Hospitality
French
Gateway
Geography
History
Mathematics 201
Mathematics 202
Mathematics 203
Media
Music
Outdoor Education
Physical Education 201
Physical Education 202
Physics
Resistant Materials Technology
Societies & Citizenship

LEVEL 3

Compulsory

Religious Education (approved University Entrance Subject) or
Theology (Otago University Distance Learning paper)

Options – Approved University Entrance Subjects

(to use the subject for University Entrance, students must achieve a minimum of 14 credits from one domain in their chosen subject)

Accounting (Distance Learning)
Art Design 301
Art Painting 301
Art Photography 301
Biology
Chemistry
Digital Technology (Distance Learning)
Design Visual Communication 301
Drama
Economics
English
French (Distance Learning)
Geography
History
Mathematics with Calculus
Mathematics with Statistics
Media
Music
Physical Education 301
Physics
Societies & Citizenship
Young Enterprise Scheme

Options – Non-University Entrance subjects

(All credits are able to count towards NCEA Level 3)

Art Design 302
Art Painting 302
Art Photography 302
Design Visual Communication 302
English as a Second Language (International students)
Food and Hospitality
Gateway
Independent Learning Programme (ILP)
Outdoor Education
Resistant Materials Technology
Sport and Fitness Studies