

BELLARINE SECONDARY COLLEGE



Year 9

PROSPECTUS

2018

Dear Parents / Guardians / Students,

Welcome to the Drysdale Campus of Bellarine Secondary College.

Year 9 is an exciting time at Bellarine Secondary College as students prepare settle into a new campus and begin to make important decisions about their futures as they move into their Later Years of schooling.

This booklet contains necessary for students and parents to make choices from the range of electives available and provides a guide to the Year 9 curriculum.

Year 9 students undertake a combination of Core and Elective subjects. There are two semester length elective units in each half year – one from the Arts Discipline Based Areas (DBA) and one from the Technology Discipline Based Areas (DBA).

Every effort will be made to give students their first choice of electives but this is not always possible as we are restricted by class sizes and timetable blocks. Students must choose carefully as changes to subject choices are not always possible and will only be considered in exceptional circumstances.

An addition to the core curriculum available in 2016 is The Applied Learning Program. Students will complete units of experiential and community-based learning, as well as the unique and exciting Eco5 expedition. All students will undertake units in both semesters incorporating a wide variety of learning opportunities both in and out of the classroom.

It is proposed to continue with a Year 9 College Levy in 2018 that will incorporate all material costs / college charges. Details of this levy and relevant information will be communicated later in the year.

The key dates to bear in mind are:

Online Subject Selection opens:	Tuesday 8 th August
Online Subject Selection close:	9am Thursday 10 th August
Subject Preference receipt due:	Friday 11 th August
Confirmation of courses	End of Term 4

Yours Sincerely,

Ms Narelle Bean
Pathways & Careers Manager
PH: 5251 9028

Ms Louise Campbell
Community Leader
PH: 5251 9061

Ms Natalie Wood
Assistant Principal
PH: 5251 9080

To access the Online Course Selection Information, go to the College's Intranet at:

<http://cs.bsc.vic.edu.au/>

On this page in the Links column select "Course Selection". On the course selection website, choose, "Course Counselling".

Type in the first 3 letters of your surname and press search. Locate your name and click on it.

The option to select "add new preferences" will appear. Please select it.

The option "I will be returning in 2018" will appear. Please click on it.

You will then be inside the course selection area. Please choose the subject you would like to be involved in during year 9. Each selection must be different from the last, or you will not be able to proceed.

Please note that students currently studying Indonesian must continue with Indonesian in Year 9 and students currently studying French must continue with French in Year 9.

Once you have correctly filled course selection you will have the option to proceed. Please click this. It will ask you to submit selections. Please click this.

This will give an option for a printable version. Please print this, have parents/Guardians sign and return to Mr Skewes or Mr Ansell ASAP.

Students new to the College who do not have a Student Code or Password will need to contact Mr Luke Skewes or Mr Ansell at the Ocean Campus who will arrange one for you.

When all students have entered their Course Selections, the information will be used to generate subjects for the 2018 College year. Students will be notified of their courses and an official notification will be provided to parents that will need to be signed and returned to the College. Please consider your selections carefully.

Any queries should be directed to Ms Louise Campbell or Ms Narelle Bean at the Drysdale Campus, or Mr Nick Ansell at the Ocean Grove Campus.

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BELLARINE SECONDARY COLLEGE – Year 9 CURRICULUM STRUCTURE 2018

Year	Core Subjects	Core Elective	
9	<p align="center"> English Maths Science Humanities Health & Physical Ed. Languages (Indonesian or French) </p>	<p align="center">Arts</p> <p><u>Electives Select 2</u> Music Visual Art Visual Communication Drama Ceramics Media</p>	<p align="center">Technology</p> <p><u>Electives Select 2</u> Wood Agriculture/Horticulture Fashion & Fabrics Foods Fibre Arts Robotics Fabrication & Engineering IT Animation IT Programming & Game making</p>
	<p align="center"><u>Learning in Community (LinC):</u></p> <p>Students participate in each of these programs for 1 day per week for a term. Students rotate through the 4 LinC programs.</p> <ul style="list-style-type: none"> ● Geelong Tertiary Futures Program (GTFP) –Term 2 or Term 3 (NOTE: There may be a materials cost dependent of some student choices. This cost will typically be for items such as overalls and/or work boots. Please see GTFP Handbook for further detailed information). ● Eco5 – Including 5 day expedition (Subject Levy to be determined) / Or Applied Learning ● Personal Investigation ● Community Engagement 		

YEAR 9 SEAL - CURRICULUM STRUCTURE 2018

Year	Core Subjects	Year 10 Arts/Technology Elective (Choose one Year 10 Subject)				
9 SEAL	<p align="center"> English Maths Science Humanities Physical Ed. Languages </p>	<table border="0"> <tr> <td data-bbox="1285 368 1688 544"> Visual - Ceramics & 3D Art -Media Art -Visual Art - Visual Communication Design </td> <td data-bbox="1688 368 2085 624"> Design -Agriculture and Horticulture - Materials Fashion and Fibre -Materials Foods -Materials Foods Café Fare -Materials Metal - Materials Wood -Systems Robotics </td> </tr> <tr> <td data-bbox="1285 544 1688 639"> Performing - Drama - Music </td> <td data-bbox="1688 624 2085 767"> Digital -Computing -Living in a Digital World -Programming and Game Design </td> </tr> </table> <p align="center">*Please see Year 10 Prospectus for specific subject information</p>	Visual - Ceramics & 3D Art -Media Art -Visual Art - Visual Communication Design	Design -Agriculture and Horticulture - Materials Fashion and Fibre -Materials Foods -Materials Foods Café Fare -Materials Metal - Materials Wood -Systems Robotics	Performing - Drama - Music	Digital -Computing -Living in a Digital World -Programming and Game Design
	Visual - Ceramics & 3D Art -Media Art -Visual Art - Visual Communication Design	Design -Agriculture and Horticulture - Materials Fashion and Fibre -Materials Foods -Materials Foods Café Fare -Materials Metal - Materials Wood -Systems Robotics				
Performing - Drama - Music	Digital -Computing -Living in a Digital World -Programming and Game Design					
<p align="center"><u>Learning in Community (LinC):</u></p> <ul style="list-style-type: none"> • Geelong Tertiary Futures Program (GTFP) – 1 Day a week, Term 2 <u>or</u> Term 3 (NOTE: There may be a materials cost dependent of some student choices. This cost will typically be for items such as overalls and/or work boots) • Eco5 – Including 5 day expedition (Subject Levy to be determined) / Or Personal Investigation/Community Engagement if spaces available • Year 10 Program Semester 2 						

BELLARINE SECONDARY COLLEGE – YEAR 10 CURRICULUM STRUCTURE 2018

Year	English	Maths	Science	Health & Phys. Ed.	Humanities	Languages (French or Indonesian)	Arts	Technology
10	Core subjects in at least 6 Discipline Based Learning Areas - 5 periods per week for one semester							
	- English (Compulsory)	<ul style="list-style-type: none"> - 10 Foundation Mathematics - Mathematics 10 General - Mathematics 10 Methods 	<ul style="list-style-type: none"> - Chemistry for Life - Engineering Science - Forensic Science - Genes and Evolution - Mind and Body - Marine Science 	<ul style="list-style-type: none"> - Health and Physical Education 	<ul style="list-style-type: none"> - History – Australia After WW1 Or - Justice, Money & Markets 	<ul style="list-style-type: none"> - Indonesian 	Visual <ul style="list-style-type: none"> - Ceramics & 3D Art - Media - Visual Art - Visual Communication Design Performing <ul style="list-style-type: none"> - Drama - Music 	Design <ul style="list-style-type: none"> - Agriculture and Horticulture - Materials Fashion and Fibre - Materials Foods - Materials Foods Café Fare - Materials Metal - Materials Wood - Systems Robotics Digital <ul style="list-style-type: none"> - Computing - Living in a Digital World - Programming and Game Design - VET ICT <p style="text-align: right;">Ready, Set, Work (full year)</p>
	Electives – Both selecting one of these electives students must have chosen the related core subject first - 5 periods per week for one semester							
- Literature			<ul style="list-style-type: none"> - Health and Human Development - Outdoor Education One - Outdoor Education Surf Life Saving - Physical Education Extension 	<ul style="list-style-type: none"> - Humanities Changing the World 	<ul style="list-style-type: none"> - Indonesian Extension 			

BELLARINE SECONDARY COLLEGE – VCE & VCAL CURRICULUM STRUCTURE 2018

Year	English	Maths	Science	Health & Physical Education	Humanities	Languages (French or Indonesian)	Arts	Technology	VET in Schools
VCE & VCAL 5 pds	Units 1 to 4 - English - Literature Units 1 - 4 - VCAL Literacy	Units 1 & 2 - General Maths - Specialist Maths - Maths Methods Units 3 & 4 - Further Maths - Maths Methods - Specialist Maths Units 1 - 4 - VCAL Numeracy	Units 1 to 4 - Physics - Chemistry - Biology - Psychology - Environmental Science	Units 1 to 4 - Physical Education - Outdoor and Environmental Studies - Health & Human Development	Units 1 to 4 - Business Management - Legal Studies - History Units 1 & 2 Only - 20 th Century History Units 3 & 4 - History Revolutions	Unit 1 to 4 - French - Indonesian	Unit 1 to 4 - Art - Studio Arts - Visual Communication Design - Media - Drama - Music Styles	Units 1 to 4 - Agriculture & Horticulture - Food and Technology - Product Design and Technology Textiles - Product Design and Technology Wood - Systems and Technology Electronics Units 1 and 2 Only Digital - Computing Units 3 and 4 Only Digital - Informatics Digital – Software Development	Units 1 - 4 - Aged Care - Automotive - Business Administration (Medical) - Beauty - Building & Construction - Children's Services - Catering Operations - Dance - Education Support (Integration) - Electro technology - Engineering - Equine Industry - Hairdressing - ICT - Makeup - Media - Music - Outdoor Recreation - Plumbing *Please note VET courses are dependent on enrolment numbers

YEAR 9 SUBJECT COURSE OUTLINES:

LinC PROGRAM – Eco5

Title:	Eco5 Challenge
Contact Person:	Mr Tom Marshallsea Mr Sam Hughes
Course Aims: Semester 1&2 - ECO5 Challenge This semester unit will focus on learning essential life skills that will be utilised in a wide variety of activities, both in and out of the classroom. The essential skills will include: <ul style="list-style-type: none">• Team and Leadership development.• Personal Learning goals.• Understanding personal skills and attributes.• Developing confidence, resilience and managing challenge.• Planning, organisation and problem solving. This semester will culminate in an extended challenging experience out of the school environment.	
Course Content- <ul style="list-style-type: none">• Problem Solving• Design & Improvement• Planning & Organising• Community Engagement• Communication & Information Research• Leadership & Teamwork• Self-Management• Formal Presentation to an Audience	

ARTS

Title: Compulsory / Elective: Contact Person:	VISUAL ART Elective Mr J Wolter
Course Aims: Year 9 Art is an exciting course covering a wide range of visual art production methods, techniques and styles. Emphasis is placed on students expressing themselves and gaining skills while creating and responding to artworks. Students will complete both practical and theoretical projects related to major art themes and styles.	
Course Content: <ul style="list-style-type: none"> <li style="width: 50%;">• Drawing <li style="width: 50%;">• Printmaking <li style="width: 50%;">• Painting <li style="width: 50%;">• Research tasks <li style="width: 50%;">• Mixed media <li style="width: 50%;">• Landscape <li style="width: 50%;">• Visual analysis <li style="width: 50%;">• Surrealism <li style="width: 50%;">• Portraiture 	

Title: Compulsory / Elective: Contact Person:	CERAMICS / 3D ART Elective Ms T Grace
Course Aims: Course work is undertaken with practical ceramic projects including the experience of various glazing and finishing techniques. Other 3D mediums are available in extension work. Research work is required for a written assignment, and a workbook is kept for theory together with notes and sketches on each practical project undertaken.	
Course Content: <ul style="list-style-type: none"> <li style="width: 50%;">• 3D models in various materials <li style="width: 50%;">• Slab work <li style="width: 50%;">• Coiling <li style="width: 50%;">• An introductory lesson on the wheel <li style="width: 50%;">• Press-mould <li style="width: 50%;">• Pinching <li style="width: 50%;">• Sculptural forms 	

Title: Compulsory / Elective: Contact Person:	DRAMA Elective Ms C Webster
Course Aims: Students will develop self-confidence and the ability to creatively express ideas.	
Course Content: The course has two parts: 1. Practical Workshops: Students explore dramatic and stagecraft elements. This will include experience of: <ul style="list-style-type: none"> • Acting • Improvisation • Theatre sports • Theatre History • Text • Performance Analysis 	
2. Theatre Appreciation: Students develop an appreciation of live theatre by observing performances that highlight approaches to dramatic presentation. Students will be expected to cover the cost of planned drama excursions.	

Title: Compulsory / Elective: Contact Person:	MUSIC Elective Mr S McEwan
Course Aims: Students will study the basic elements of music construction. Students will develop skills which will lead them to a greater understanding and appreciation of music.	
Course Content: <ul style="list-style-type: none"> • Theory – basic elements used in the construction of music works. • Composition – application of theory to individual composition and exploration of ideas. • Performance – individual and group work. Students who learn instruments will have the opportunity to practice their craft. • Appreciation – develop the skill of analysing / reviewing performances. 	

Title:	MEDIA
Compulsory / Elective:	Elective
Contact Person:	Ms B Hamilton
Course Aims:	
<ul style="list-style-type: none"> • The Media elective allows students to develop skills in digital video production. • Students will use digital photographic equipment. • Students will use digital video production to explore the Media industry. • Students will be introduced to aspects of media theory and visual literacy • The subject includes both practical and theoretical components. 	
Course Content:	
Areas of study can include:	
<ul style="list-style-type: none"> • Introduction to print photography. • Digital Video Production • Video Editing • Pre-Production Skills • Film Studies 	

Title:	VISUAL COMMUNICATION & DESIGN
Compulsory / Elective:	Elective
Contact Person:	Ms S Spry
Course Aims:	
The Year 9 course is based on Product Design and the Communication Process. Students will learn to use a range of media and materials in presenting theme-based projects.	
Course Content: The skills will cover :	
<ul style="list-style-type: none"> • Layout • Typography • Signage 	<ul style="list-style-type: none"> • Research assignment • Technical drawing • Product design • Promotional graphics
Students will be encouraged to use practical means of presentation such as:	
<ul style="list-style-type: none"> • Paint • Gouache • Pencil • Ink 	<ul style="list-style-type: none"> • Cut paper • Airbrush • Corel Draw

TECHNOLOGY

All students must select two single semester units. For more information and pictures of student work, see our Web Page on the Internet and Intranet.

Title: Compulsory / Elective: Contact Person:	AGRICULTURE AND HORTICULTURE Elective Ms L Hearn
Course Aims: This elective is designed to introduce students to horticulture and agriculture practices through the growing of plants and the breeding of small farm animals.	
Course Content: The course will focus on the growing of fruit, vegetable or herb crops and / or the breeding of poultry and small animals. On occasions students have the opportunity to participate in the raising of calves through the 'Cows create Careers' Program.	

Title: Compulsory / Elective: Contact Person:	MATERIALS - FOODS Elective Ms J Guy
Course Aims: Food Technology involves using knowledge, skills and attitudes to produce food products that meet people's needs and desires. In this course, students will be introduced to designing and working with food, applying safe and hygienic food preparation, appropriate terminology and working with a design brief. There is a sound nutrition focus with links to food models, nutrient content and requirements for growth and activity. Students will be challenged with questions, investigations, newspaper articles and case studies. It is expected that from this students will develop an appreciation for food by investigating and working with food.	
Course Content: <ul style="list-style-type: none"> • Production - weekly practical tasks • Folio - weekly written tasks • Design Briefs • Investigation • ICT activities 	

<p>Title:</p> <p>Compulsory / Elective:</p> <p>Contact Person:</p>	<p>MATERIALS – Fabrication & Engineering [Formerly Metals/Metalcraft] Elective Mr M Duncan</p>
<p>Course Aims: Students will use a variety of materials including Aluminium and Mild Steel using appropriate techniques to produce models based on working diagrams created by students. Safe work practices including appropriate footwear, eye and hearing protection are strongly emphasised and enforced.</p>	
<p>Course Content: Students will study the safe use and maintenance of the following workshop equipment</p> <ul style="list-style-type: none"> • MIG welder. • Gas welder. • Spot welder. • Gearhead drill • Sheet metal folder. • Sheet metal roller • Hand tools <p>Students are required to complete three core models along with all theory to the required standard. Extension models are encouraged to students who demonstrate an aptitude for this subject.</p>	

<p>Title:</p> <p>Compulsory / Elective:</p> <p>Contact Person:</p>	<p>MATERIALS - WOOD Elective Mr B Fairfield</p>
<p>Course Aims: Students will use tools, equipment and components safely and creatively to develop their skills and knowledge in constructions using wood. Students will develop an understanding of design, functionality and aesthetics to create various models.</p>	
<p>Course Content: Students will develop skills including:</p> <ul style="list-style-type: none"> • Measuring and marking • Chiselling, sawing and clamping. • Sanding and staining. • Assembling • Investigation • Evaluation 	

Title:	MATERIALS – Fabrics & Fashion
Compulsory / Elective:	Elective
Contact Person:	Ms J Guy

Course Aims:

This elective aims to develop knowledge and skills in the design and construction of garments and fashion accessories.

Course Content:

In this course students will be introduced to fashion drawing, working with fabric, understanding patterns and correct equipment use. They will complete several sewing samples and drawings which will be maintained in a display folio. There will be a focus on the correct and safe use of both hand and machine equipment. Commercial patterns will be used in the construction of garments and students will be encouraged to make decisions on appropriate construction skills and finishing techniques. Students will also complete research into recycling in the clothing industry.

Title:	MATERIALS – Fibre Arts
Compulsory / Elective:	Elective
Contact Person:	Ms J Guy

Course Aims:

This elective is designed to introduce students to the use and decoration of fibres and fabrics to create interesting accessories, clothing and free form decorative press.

Course Content:

This subject will introduce students to the many uses of fibres and fabrics. They will be able to explore a range of textile mediums (silkscreen printing, dyeing, felting, computer printing, weaving and more) and their applications. Students will build a folio of samples and then select which areas they wish to design and develop projects in. There will be an emphasis on the use of recycled products and an investigation into fabric artists. Examples of student projects could include patchwork rugs, felted beanies, fabric dyed ties and scarves or printed computer images on t-shirts.

Title: Compulsory / Elective: Contact Person:	SYSTEMS – ROBOTICS Elective Mr N Bruckner
Course Aims: Students will gain a basic understanding of electronics and robotics. Students will be able to apply these skills to construct working robots of their own design.	
Course Content: The Robotics classroom is run as a Learning Centre. Students are able to choose their own robotic challenges depending on their skill level and learning styles. Students are given a range of hundreds of activities to choose from, obtained from prepared curriculum materials or from specialist robotics web sites on the internet. Students are able to construct their robots using their own Mindstorm NXT Kits and a range of other building materials. Robot designs include humanoid robots, remote control cars, Ninja fighting robots, tracked vehicles, service robots, soccer robots and dancing robots just to name a few. Students can program the robots to behave autonomously or using Bluetooth control, using a joy stick or even mobile phones.	

Title: Compulsory / Elective: Contact Person:	IT – Programming & Game Making Elective Mr N Bruckner
Course Aims: The students will start with the basics of programming computers by creating simple games on a PC. They will examine the basics of a programming language, Small Basic, and progress and create a simple working program. The students will learn the fundamentals of animation programs and how to create storyboards and time lines for animated software. The students will learn the fundamentals of programming computer games, virtual reality, creating video/animation and human to computer interfaces. Students will maintain weekly journals in the form of Web Logs [Blogs].	
Course Content: <ul style="list-style-type: none"> • Visual Basic.NET. • Basic animation creation using MOHO/Swish/Flash software • Basic Game programming using Gamedesigner software • Blogs and webpage design 	

Title: Compulsory / Elective: Contact Person:	IT - Animation, MP3's & 3D Elective Mr N Bruckner
Course Aims: Students will create basic computer generated animation. This will involve the basics of computer animation, creating simple animated picture shows. Creating digital portfolios will require students to learn the basics of storyboards, timelines, scripts, Moviemaker, Photostory and develop a record of skills. Students will work in teams to use sound editing to create MP3's, sound effects and other podcasts on areas of student interest. Students will document their daily tasks in the form of an on-line We log/journal that will serve as an assessment item for the course.	
Course Content: <ul style="list-style-type: none"> • Computer generated animation • Digital portfolios. Blog • MP3 and Podcasting • Flash • 3D game objects or levels 	

ENGLISH

Title:
Compulsory / Elective:
Contact Person:

ENGLISH
Compulsory
Ms G Saunders

Course Aims:

The course consists of a wide range of activities and practices, which develop student competence and confidence in using language.

Course Content:

The course is assessed in 3 dimensions.

- Reading and viewing –Students are encouraged to read widely and with discrimination. The course incorporates study of set texts, novels, short stories, plays, films as text, poetry, newspapers and other media.
- Writing – Students are encouraged to develop control of the writing process by choosing and developing topics, drafting, revising, editing, presenting to an audience and participating in the evaluation of their work. Students engage in a range of different types of writing. Tasks are designed to allow students to build on the skills already developed in previous years, as well as to introduce them to the writing of arguments, instruments, reports and reviews.
- Speaking and Listening – Emphasis is given to using speech in a clear, controlled and expressive manner. Students are expected to participate in discussions, debates, formal and informal talks and various other activities designed to enhance speaking skills. Exercises and activities that stress the importance of thoughtful, critical, attentive, and appreciative listening are presented.

HEALTH AND PHYSICAL EDUCATION

Two separate subjects are studied:

- Health
- Physical Education

Title: Compulsory / Elective: Contact Person:	HEALTH Compulsory Mrs V Wedding
Course Aims: Goals of the Unit are to assist students to: <ul style="list-style-type: none"> • Develop self-confidence and self esteem • Develop skills for interpersonal relationships • Develop decision making skills • Develop healthy living practises 	
Course Content: Students will study several topics which include : GP program supporting: <ul style="list-style-type: none"> • Drug education – Party Drugs • Human relationships [sex education] • Harassment [work, technology, sexual] • Body image – Nutrition and healthy lifestyle habits 	
All units have a Community Health focus - giving information on community services available to assist young people with these areas of their health	

Title: Compulsory / Elective: Contact Person:	PHYSICAL EDUCATION Compulsory Mrs V Wedding				
Course Aims: In Year 9 there is further enhancement of the skills and techniques of games introduced or attempted during the first two years at the College. Students will be in single-sex PE groups, where possible.					
Course Content: Students will participate in the following practical activities. They will develop their skills and tactics in these activities. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <u>Ball Handling:</u> Basketball Touch Footy European Handball </td> <td style="width: 50%; vertical-align: top;"> <u>Stick Sports:</u> Indoor Cricket Indoor Hockey Soft Lacrosse </td> </tr> <tr> <td style="vertical-align: top;"> <u>Athletics:</u> Fitness Testing Weight Training Minor Games </td> <td style="vertical-align: top;"> <u>Body Awareness:</u> Gymnastics Minor Games Archery </td> </tr> </table>		<u>Ball Handling:</u> Basketball Touch Footy European Handball	<u>Stick Sports:</u> Indoor Cricket Indoor Hockey Soft Lacrosse	<u>Athletics:</u> Fitness Testing Weight Training Minor Games	<u>Body Awareness:</u> Gymnastics Minor Games Archery
<u>Ball Handling:</u> Basketball Touch Footy European Handball	<u>Stick Sports:</u> Indoor Cricket Indoor Hockey Soft Lacrosse				
<u>Athletics:</u> Fitness Testing Weight Training Minor Games	<u>Body Awareness:</u> Gymnastics Minor Games Archery				
Theory Component - fitness components and fitness testing.					

LANGUAGES

This is a full year core subject and Year 9 students will study Indonesian. Students will be continuing with the language studied at Years 7-8.

Title: Compulsory / Elective: Contact Person:	INDONESIAN Compulsory Ms C Richter
Course Aims: Skills developed will be: listening, speaking, reading and writing in Indonesian, expressing personal feelings and appreciation of the culture of Indonesia. The course is a prerequisite for Year 10 Indonesian and leads to VCE Indonesian.	
Course Content: Themes covered include : <ul style="list-style-type: none">• Sport & hobbies• Entertainment• Environment• Weather• Holidays• Making arrangements• Cultural components <p>A language/cultural study tour to Indonesia/Malaysia may be offered to students studying Indonesian in Year 10, 11 or 12.</p>	

MATHEMATICS

Title: Compulsory / Elective: Contact Person:	MATHEMATICS Compulsory Mr J Gardner
Course Aims: Mathematics develops some new topics as well as developing skills already introduced in Year 8.	
Course Content: Year 9 Mathematics continues to develop students' skills in algebra, statistics, geometry and measurement. Students apply their knowledge of basis calculations and percentages to discounts, hire purchase, commissions and mortgages. Skills in measurement are extended with work on Pythagoras' Theorem and introductory Trigonometry. The emphasis in these areas is on developing skills to solve practical problems. Scientific calculators are required for this course. It is anticipated that all students will use computers for geometry, graphing and statistics. Students are assessed on Skills, Problem Solving and Project Work. Students are encouraged to work at the highest possible level, accepting the challenges of open-ended and problem solving exercises.	

SCIENCE

Title: Compulsory / Elective: Contact Person:	SCIENCE Compulsory Ms M Cassar-Smith
Course Aims: The Year 9 Science course builds upon the scientific knowledge and skills acquired in Year 8 Science, to further develop student understanding of the world in which we live and the important role science plays in developing a sustainable future. This course requires a set text and work book. Excursions are organised each year.	
Course Content: Topics include : <ul style="list-style-type: none">• Physical Science• Chemical Science• Earth and Space Science• Biological Science	

HUMANITIES

There are three subjects studied in HUMANITIES:

- (i) **Geography**
- (ii) **History**
- (iii) **Economics**

Title: Compulsory / Elective: Contact Person:	GEOGRAPHY Compulsory Mr Fowler
Course Aims: At Year 9, Geography is based on the key concept of sustainability. It examines the interaction between humans and their environment which enables students to develop understanding of the concepts essential to managing human impacts in a sustainable manner.	
Course Content: Students will study several topics including: <ul style="list-style-type: none"> • What is Geography • Coastal Geography • Tourism • Water 	

Title: Compulsory / Elective: Contact Person:	HISTORY Compulsory Mr Fowler
Course Aims: At Year 9, the theme which underpins our study of Australian History is Multiculturalism. The focus is on the experience of individuals and groups who lived through some of the key events in our past in order to gain an appreciation of how Australian society has come to be as it is. It covers the time from the Industrial Revolution to the First World War.	
Course Content: Core topics include: <ul style="list-style-type: none"> • Australia's multicultural identity • Why Australia was settled • World War One • The Chinese Experience • The Aboriginal Experience • Eureka and Democracy 	

Title: Compulsory / Elective: Contact Person:	ECONOMICS Compulsory Mr Fowler
Course Aims: The focus on Year 9 Economics is to provide students with the opportunity to study some aspects of Australia's economy, the world of business and work, and managing personal finance issues.	
Course Content: Topics include: <ul style="list-style-type: none"> • Personal Finance • World of Work • Australia's Economy • Consumer Society • Managing money, credit and banking 	