

WELCOME TO SENIOR YEARS



As you officially enter the senior school, expectations change, there are greater demands, and there is a need for a mature, well organised approach to study.

Clearly success flows from a consistent work ethic; being well organised, meeting classroom deadlines, adopting a cooperative approach and striving to do your best.

The College ethics can be summarised as follows:

- We offer a wide variety of learning experiences, both traditional and non-traditional, encouraging students to commit themselves to their studies with energy and enthusiasm.
- We provide an environment in which students are treated as mature individuals with the opportunity to be actively involved in the decision making process.
- We encourage all students to reach their full potential, and recognise, celebrate and publicise their success.
- The learning needs of students will be the primary consideration in decision making and management.
- We provide a safe and supportive environment through an effective network of programs and organisational structures and where all members are treated with respect and consideration.
- We provide a strong community orientation providing increased opportunities for students through links to community organisations, vocational training groups and other educational providers.

Year 10 at Ararat College provides an excellent preparation for your senior schooling, and you should treat the year as an orientation for Years 11 and 12 and become familiar with the language, work habits and attitudes associated with these levels. Students should consider all options carefully.

To help prepare students, end of semester exams are held in Year 10.

In the initial selection process you **must consider** subjects from each of the key learning areas – apart from Languages, which is a single subject option; and English and Mathematics which are compulsory.

These Learning areas are:

- Science
- Technology
- The Arts
- Humanities
- Health, Physical Education and Sport

I recommended that you consult with your coordinators, teachers and Mr Sherwell our Careers Counsellor about your subject choices. Parents are most welcome to make an appointment with these people. You will be required to have an interview in order to assist with the decision making process.

I encourage you to set yourself goals and to be self motivated to achieve them. The greatest satisfaction comes to students who are able to do this.

If you use the resources of the College in a positive way you will reap the rewards.

Geoff Sawyer
Principal

Senior Team

Valerie Lobry Senior School Coordinator
Curriculum Coordinator

Andrew Sherwell VET
MIPS, Advocacy
Careers & Work Placement

Angela Roberts Year 10 Coordinator
Sue Canty Year 10 Coordinator

CURRICULUM

This booklet aims to assist you in the choice of subjects in Year 10.

It is important that you concern yourself, not with a particular career, but with the widest possible choice of units. This results in giving interest through variety and keeps all options open for future study.

Year 10 provides a transition from the relative structure of Year 9, to the flexibility of building your own course, given the limits in senior years.

*The Year 10 course can be considered to be divided into 3 parts. At Year 10 students **complete 6 subjects a semester.***

Part A – Core Subjects

All students must study English, Careers and a Mathematics – either General Mathematics or Maths Methods.

Part B – Elective Subjects

- *Students are recommended to choose electives from as wide a range of areas as possible so as not to limit future options.*
- *All subjects will consist of 5 periods per week.*
- *Students preference for subject choices will depend on the prompt return of the selection form. Return date will be on the selection sheet.*
- *Students are strongly advised to do either the Advance Program or Sport.*
- *Language (French) is a sequential subject. To study Language in Semester 2, Language must be studied in Semester 1.*

YEAR 10 ELECTIVES

ARTS

Art
Studio Art
Music
Media Studies
Media Production
Visual Communication and Design (Graphics)
Drama

ENGLISH

English Literature

SCIENCE

Chemistry and Physics
Environmental Science
Forensic and General Science
Biology and Psychology

HUMANITIES

Commerce
Legal Studies
History
Geography

HEATH & PHYSICAL EDUCATION

Sport
Outdoor Education
Advance (Victorian Youth Development)
Health

LANGUAGES

French

TECHNOLOGY

Automotive
Systems
Information Technology
Electrical & Electronics

MATERIALS

Engineering
Textiles
Wood
Food
Metal Fabrication

V.C.E. AND V.E.T.

Part C - V.C.E. and VET Units

For students who are seeking a challenge, Year 10 students have the opportunity to study **ONE** VCE or VET subject as part of their selections. The subject must be selected for both semesters and entrance into VCE or VET units will be subject to the approval of the College Academic Board.

VCE units are Year 11 Victorian Certificate of Education Units 1 & 2.

VET units are Year 11 Vocational Education and Training Units 1 & 2.

For those selecting one Year 11 subject, students gain experience of the extra requirements that Units 1 & 2 involve. However, not all students in Year 10 are suited to the extra demands involved in studying a Year 11 subject and counselling advice must be taken before such selections are made.

VET courses are equivalent to TAFE Certificate II courses and are very valuable to employers seeking employees. If these VET courses are started in Year 10, then these certificates (and the V.C.E. accreditation) may be obtained before the student starts their Year 12, or students may complete the course in Year 12.

Some VET subjects are delivered by Ararat College staff. These are taught over 5 periods in the VET block (traditionally, each Wednesday). The remaining VET subjects are delivered by the Central-Grampians Cluster and might involve travel outside the College or extra costs.

VET subjects are equivalent to VCE units 1 & 2 and require the same extra demands that these subjects do.

The VCE and VET Handbooks have all the information regarding VCE and VET subjects and they **MUST** be carefully read before selections are made. Further information is available from the Senior School coordinator or the Careers Coordinator.

The Senior Handbook and handbook VET are available on the school website. <http://www.araratcc.vic.edu.au/>

Students considering a VET or VVCE subject should select a maximum of ONE subject as part of a Year 10 course of study

VCE SUBJECTS

Details of these subjects published in the VCE handbook.

Accounting	Legal Studies
Art	Languages - French
Biology *	Maths - General / Methods
Chemistry	Media *
Product Design & Technology (Engineering, Metal, Textiles Wood) *	Music Performance Studies *
Drama	Outdoor and Environmental Education *
English	Physical Education *
English Literature	Physics
Food Technology *	Psychology *
Geography *	Studio Art
Health and Human Development *	Systems Engineering *
History *	Visual Communications and Design *
I. T. Applications *	

Subjects marked with * are the most suitable for year 10 students .

THE ARTS

The Arts consist of 5 areas:

- Drama and Visual Communications (Graphics) which are studied for one semester.
- Music, which is offered as a semester one elective only.

Media and Art which consist of 2 separate semester units. One or both of these can be selected.

ART

This unit will continue to build on and further develop skills in art making. Portraiture, landscape work, optical art and a range of approaches with different media, are studied in the first part of the unit. The final production process involves students designing and correcting a piece of work that is of their own choice. All work will be documented, developed and annotated in a visual diary that will reflect evidence of the students personal interests, creative and artistic understanding.

STUDIO ART

This course is aimed again at allowing students to develop their own personal choice of practical artwork. Students who have successfully completed Art can further their studies during Studio Art by continuing to design their own work briefs and complete all associated design explorations. In addition, students will study basic essay writing skills and be required to write one brief comparative essay.

Student's who undertake Studio Art without previously selecting Art, will follow a course similar to Art.

NB. During each unit students will be encouraged to develop research skills, visit art galleries and speak to practising artists.

STUDENTS MAY SELECT ART, OR STUDIO ART, OR BOTH.

DRAMA

Year 10 will allow you to develop and enhance the skills that you have discovered in Year 7,8 and 9. During the semester you will participate in a range of workshops developing knowledge and skills in movement, voice, dance, stagecraft and a variety of acting styles and techniques.

You will be expected to devise, write and perform an ensemble performance to an audience. You will also develop and perform a monologue as part of your assessment.

This subject offers a great grounding for any student contemplating enrolling in VCE Drama.

MUSIC PERFORMANCE

Year 10 Music is a one semester course although students can choose to study music throughout the year through VET or VCE music. Students have a range of options to choose from allowing them to focus on composition and song writing, or performance or technology. Technology can include digital recording, setting up and using P/A systems, working with stage lighting systems, or preparing a rock video. Some of the topics that students choose can receive recognition in the VET music course. Students do not need any practical skills or knowledge of theory of music to start the course. The year 10 music course is the most satisfying of the music courses offered from years 7 to 12 as students are able to choose their areas of interest and concentrate on them.

VISUAL COMMUNICATION AND DESIGN (Graphics)

This unit encompasses the skills and techniques that are used by visual designers, using the design process. It will teach students how to conceive and apply design. Students will be exploring technical drawing, freehand drawing, rendering, computer aided design and are introduced to the elements and principles of design, e.g. colour, tone, line etc. Students will learn a variety of effective ways to create artwork, layout information, use images, colour, typography, and 2D and 3D formats to maximise successful communication ideas. In all project and exercise work, the emphasis will be on creating work that develops students creativity and extends their vocabulary of skills and techniques.

MEDIA STUDIES

Media will help turn that couch potato inside you into an armchair expert. Sit back as we take you on a guided tour of our major media forms:

- television/TV/tube
- magazines and newspapers
- radio/podcasts
- multimedia including the internet and social media (facebook etc)
- film/cinema/movies
- interactive television and internet television

Be amazed as you learn about TV and film texts like soaps, news, sitcoms, thrillers, dramas, comedy, lifestyle and infotainment.

Media 1 for the thrill seeker who likes comfort.

MEDIA PRODUCTION

This is the elective that turns you into a film and video producer. We will study film and television to learn techniques including:

- video camera technique
- sound
- lighting
- editing/computer video editing/photo editing/printing
- casting
- green screen
- makeup/special effects makeup

Media 2 whether you are creative, academic or practical.

ENGLISH

ENGLISH

In accordance with the National Curriculum, Year 10 English concentrates on the areas of Language, Literacy and Literature.

Students evaluate range of text types, language conventions and written responses. They also participate in Public Speaking, Debating and other oral presentations.

While Year 10 reinforces and extends the skill developed in Years 7 – 9, it is also a critical pathway to English studies in Years 11 and 12.

LITERATURE

This course is designed to introduce students to the study of literature.

This unit involves the study of two texts in depth, in addition to about eight poems. One text each semester will be a play (one of which will be by Shakespeare). The other text will be a novel or film or a collection of short stories.

A significant proportion of the course will concentrate on Australian literature. It is intended that students will attend a live performance during the year.

MATHEMATICS

Year 10 Mathematics is compulsory and aligned to the AusVELS curriculum. Students will cover topics across the three content strands: **Number and Algebra, Measurement and Geometry, and Statistics and Probability.**

In Year 10 students undertake either Year 10 General maths or Year 10 Maths Methods. General Maths contains content which has real-life contexts and which will enable students to prepare for VCE General Maths or VCAL numeracy. Maths Methods is designed to prepare students for further study of functions, algebra and calculus in VCE Maths Methods (CAS). Students and their families will be advised of the recommended maths course by the end of Term 3. Recommendations will be made by the Year 9 teachers. They are based upon student ability and aim to ensure students access a maths course which will extend and challenge them whilst providing them with the potential to succeed.

The content of each course is summarised below:

General Maths

Number and Algebra

- Simple and compound interest
- Linear equations
- Algebraic substitution and manipulation

Measurement and Geometry

- Surface area and volume problems relating to composite solids
- Angle and triangle properties, similarity, congruence
- Trigonometry

Statistics and Probability

- Univariate data, summary statistics and data displays
- Bivariate data and scatterplots
- Multistep chance experiments involving independent and dependent events

Maths Methods

Number and Algebra

- Irrational numbers – surds
- Logarithms and exponentials
- Equations: linear and quadratic

Measurement and Geometry

- Circle geometry
- Pythagoras and Trigonometry, including the Sine and Cosine rules

Statistics and Probability

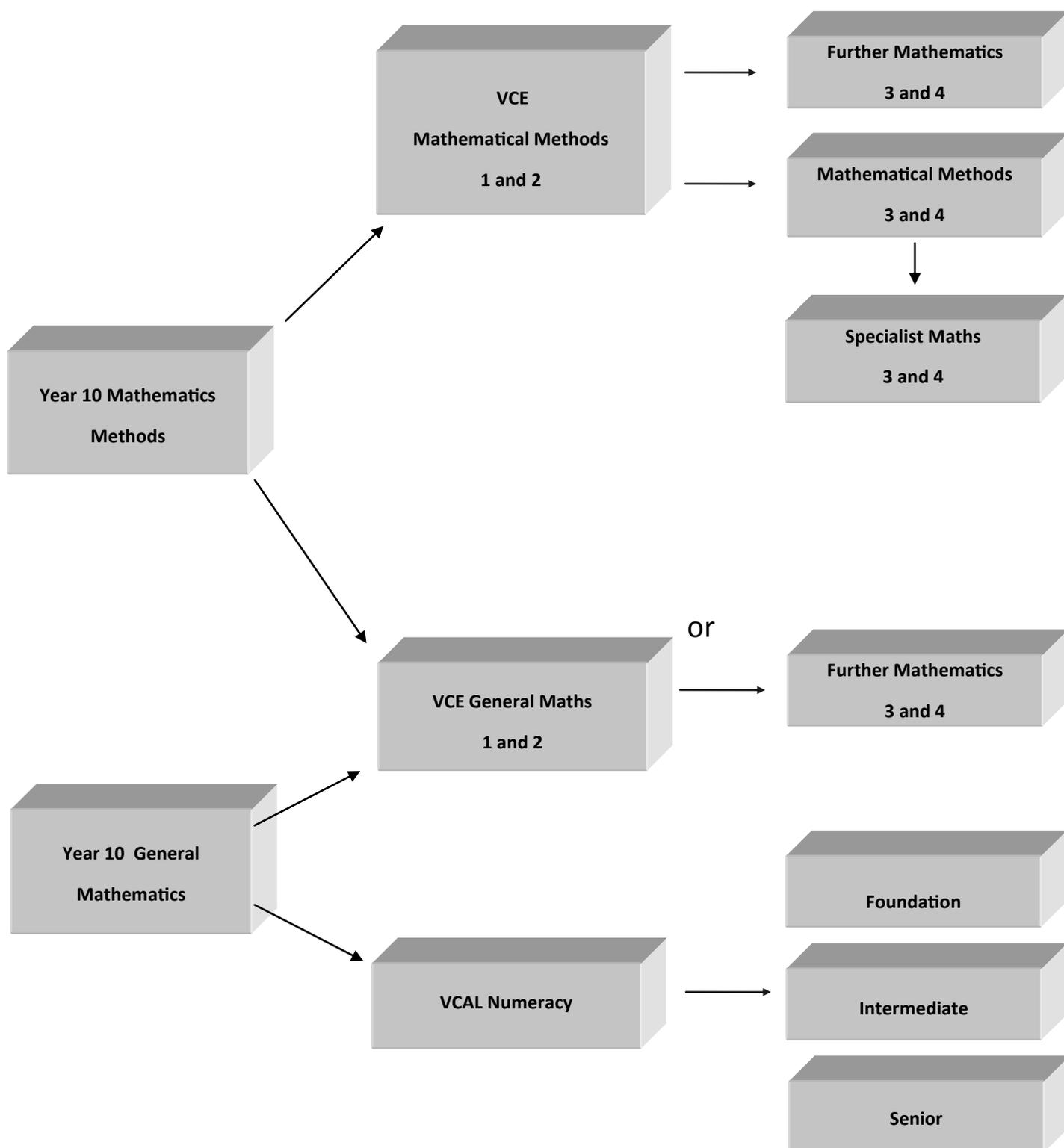
- Linear regression of bivariate data and the mean and standard deviation
- Multistep chance experiments involving independent and dependent events

Both levels of Year 10 Maths require students to use technology appropriately. It is therefore essential that all students have the correct calculator. Students studying Year 10 General Maths will require a Casio scientific calculator (a Classpad is also allowed). Students studying Year 10 Maths Methods will require a Classpad calculator.

MATHEMATICAL PATHWAYS

A range of mathematical courses is offered to suit different abilities and all career paths.

Suggested pathways starting at Year 10.



SCIENCE

Electives offered in this learning area are:

- **Chemistry and Physics**
- **Biology and Resources Chemistry**
- **Forensic and General Science**
- **Environmental Science**

All science units are “hands on” courses involving a large amount of practical work.

CHEMISTRY AND PHYSICS

The College record for height reached by a student rocket is 89 metres, see if you can beat it! Students will build their own rockets to explain the movement of a rocket as a result of interactions between lift, weight, thrust and drag. Use a ticker timer to obtain a record of the motion of a laboratory trolley rolling down an incline and analyse the tape to produce a graph of motion. Investigate the physics of car crashes, link the relationship between stopping distance and speed to issues of speed limits and road safety.

Students will investigate the properties and uses of a group of elements in the periodic table, develop their understanding of physical and chemical properties to design controlled experiments. Explore the theory of atoms, molecules and chemical symbols through experiments.

BIOLOGY AND PSYCHOLOGY

Learn about life, the universe, everything! In this course we will explore life in all of its forms. In the biology part of the course we will focus on genetics and evolution, studying biology on the small and large scales. At a micro level and an environmental impacts level. At the end of this you will have a good understanding of life on earth.

In the Psychology part of the course we will look inwards investigating the ways our own minds work. Discover how we learn, reason and make decisions. A lot of self-assessment and personality profiling will happen in this course. A great way to learn about yourself and get into each other's heads.

There is a practical and project based component to this course.

FORENSIC AND GENERAL SCIENCE

Students will investigate how Science is used in the detection of crime.

Topics covered include: fingerprinting, handwriting analysis, anthropology (study of bones), DNA and blood profiling, crime scene protocol and the microscopic examination of evidence. This subject consists of both practical and theoretical components and requires the students to use learnt skills in the solving of a crime.

ENVIRONMENTAL SCIENCE

During this science unit we will look at: environmental issues reported in the media, describe some problems created by releasing wastes into the atmosphere and water systems, test water samples from the school farm and investigate the school farm wetlands, renewable energy which involves a field trip to local Chalicum Hills Wind Farm. Students will be involved in looking after a worm farm, yabbies and help Mr Barwick improve school gardens with the propagation of plants. Students will choose how to present environmental issues to the school population and the wider community. This could include: articles in the school newsletter, brochures, posters, a commercial or short film. For more information see Miss Adams.

LANGUAGES OTHER THAN ENGLISH

FRENCH

Unit 1 Semester 1

Unit 2 Semester 2

In order to pursue French at higher levels, it is desirable that students undertake Semester 1 French, followed by Semester 2 French. As students work towards the achievement of standards in Languages at Pathway 2 Level 10, they compare and contrast aspects of life in non-English speaking countries with those in multicultural Australia, and identify similarities and differences.

The Year 10 French course is again accumulative, continuing on from Year 9 and expanding all areas of listening, speaking, reading and writing. Students learn to recognise the extent and limitations of their language proficiency and develop strategies for maximising and extending their language skill, knowledge and cultural understanding. They understand that language is a complex system with rules, and that there are subtle differences between languages. They appreciate that direct transportation from English cannot occur. They reflect on their own learning styles and strategies.

Communication forums take place in French on topics relevant to students. Native speakers are invited to share discussions where possible. Cultural studies and background information are explored, particularly familiarisation with the city of Paris and its tourist features. New-Caledonia is also the object of a project. Students are invited to get a deeper understanding of cultural differences through discussions and comparisons.

French is presented in a variety of forms, including songs, literature (eg. poems, short stories, passages from texts), and DVDs. Students are encouraged to increase their written skills through the use of computer programs, notably by writing e-mails to French students whenever it is possible. A particular focus of the course is French comedies in which students explore the French sense of humour and discover well known actors and directors.

Cultural activities include French breakfast, the preparation of French cuisine (eg. pastries), French plays, etc.

Grammatical investigation becomes more complex with further tenses being acquired, together with a greater understanding of grammatical structures. Both vocabulary and structures are applied to the skills of composition writing and conversational situations.

Projects involving travel and art are important, and recorded performance of prepared conversations is also part of the course. An introductory lesson of French to local primary schools' year 5 and/or year 6 students, creates an opportunity to use and promote French within the wider community.

HEALTH AND PHYSICAL EDUCATION

Electives offered in this learning area are:

- Physical Education
- Advance
- Outdoor Education
- Health

PHYSICAL EDUCATION

This is a single semester unit only. Students are expected to be involved in both theory and practical classes. Be aware it is not just more junior Physical Education.

- Theory classes aim to give a brief introduction to VCE Physical Education. Topics covered may include: Skeletal system, Muscular system, Fitness/Training, encouraging high performance as a coach or player, Sports Technology, Sports Nutrition and Sport injuries.
- Practical classes may include Ballroom Dance, Croquet, Fitness Classes, Lawn Bowls, Sofcrosse, Ultimate Frisbee and student organised games sessions.

ADVANCE PROGRAM

This is a one semester unit only. 'Advance' is a Government funded initiative and is a school-based program that provides opportunities for students to participate in their local community.

Student expectations

Students will participate in classroom theory sessions at school and **weekly practical classes in the pool** at the Ararat YMCA as they try to achieve their Pool Lifeguard, Level Two First Aid and Resuscitation accreditation. Students are also expected to deliver a group project, in partnership with the YMCA, to benefit the community. An example could be to organise, supervise and sell tickets for a Pool Party run by the YMCA. The YMCA is continually seeking to replace student lifeguards as they move on to further studies or employment. This is a paid position which is fulfilling an important role in the community. Students need to choose this course because they want to challenge themselves or can use these skills to benefit the community. It is a challenging elective unit.

OUTDOOR EDUCATION

This one semester unit will introduce students to a variety of outdoor experiences with an emphasis being placed on students acquiring knowledge and skills necessary for safe participation in the outdoors.

Topics that are covered could include: camp cooking, minimal impact, leadership skills, navigation, understanding weather, appropriate clothing and equipment whilst outdoors.

Students will be involved in activities that promote group work, awareness of the natural environment and varied recreational opportunities. Activities covered could include: canoeing, bushwalking, camping, rock climbing, surfing and snorkelling.

Assessment will be based upon student's ability to relate theory to practice, participation and effort, and some minor investigations.

Due to the adventurous activities and equipment required to ensure safety whilst participating, **there is a course levy of approximately \$100.00** which must be paid prior to a student being accepted into the course. This covers professional instruction of adventure activities from commercial adventure companies, rental and upkeep of equipment, camping fees, and transport whilst on camps. The cost of food for meals while on camps is at the students own expense, and will be discussed in detail prior to each camp.

HEALTH

This a one semester unit where students study the impact of various factors on the individuals health and development and the various resources available within the community. Areas focused on include: Personal Identity, Mental Health, Sexual Health and Reproduction, Pregnancy, Risk-Taking Behaviour, Body Image, and Relationships.

HUMANITIES

Electives offered in this learning area are:

- Business Studies
- Accounting
- History
- Geography

COMMERCE

Students in this elective are required to study the concept of small business in Australia from a business, economic and accounting perspective. It is a very practical approach to the running of a small business. Students will make extensive use of information technology to create a business enterprise and apply the accounting procedures that a business owner would use to evaluate the enterprise.

Students will also become involved in the Australian sharemarket through the Australian Stock Exchange, wherein students will create their own share portfolio and learn how to buy and sell shares. Throughout the elective, students will have the opportunity to practice real life financial transactions and experience the consequences of financial decision-making in a fun and challenging way.

LEGAL STUDIES

Legal Studies provides students with the opportunity to expand their understanding of Australia's legal system at a local, state, national and global level. Students will understand the criminal and civil laws that exist to protect rights and encourage responsibility. Throughout the course students will develop strong research and analytical skills, as well as the ability to present their views in a logical and persuasive manner.

Students will have the opportunity to meet with members of the legal community and see the law in action. Students will also undertake practical applications of their legal knowledge and skills via mock trials and negotiation simulations

GEOGRAPHY

The focus of year 10 Geography is to look at, study and gain an understanding of our surrounding environment and human kinds impact on it. There are a number of ways in which we do this that include in depth investigation of:

- Eco-Tourism
- Megacities
- Current Global Issues
- Ararat's CBD

We will undertake fieldwork where possible.

HISTORY

World War II and Migration Experiences:

Students investigate wartime experiences through a study of World War II. This includes studying the causes, events, outcomes and broad impact of the conflict as a part of global history as well as understanding and studying the nature and extent of Australia's involvement in World War II through the investigation of the following ideas:

- What were the causes of World War II and what course did it take?
- What were some of the most significant events of World War II?
- How did the events of World War II affect people around the world and in Australia?
- How did the events of World War I shape Australia's international relationships?

Like it or not the facts cannot be ignored, as a country Australia has always relied on Migration, from the First Fleet through to Asylum Seekers risking their lives on boats the vast majority of all Australians can trace back to a migrant aspect in their family tree. With this in mind students will study why people migrate, the different types of migrants, where they come from, how they get here, why they choose Australian, their impact on Australian culture and their rights and Australia's obligations under the United Nations through the following ideas:

- How have key events influenced migration to Australia since World War II?
- How has government immigration policies changed?
- How did the Vietnam War affect migration to Australia?
- How has migration shaped Australia's identity and global relationships?

Civil Rights and Pop Culture:

In Australia, an Aboriginal rights movement emerged in the 1930's with some significant ground through to the recent Government apology for the Stolen Generation. Students will investigate the following ideas:

- How have Indigenous peoples in Australia Struggled for rights and freedoms?
- How have Indigenous peoples in Australia achieved change and what were some of the significant events that influenced this change?
- In what ways do activist continue to struggle for civil rights and freedoms in Australia and around the world?

In this unit students will study a large number popular movements and activities that have occurred from 1945. This will include a study of Television, Music, Art, Sport, Film and Technology throughout this time frame and how it has impacted on the lives of all people involved through the use of the following ideas:

- What was the nature of popular culture in Australia at the end of World War II?
- What developments in popular culture most affected Australia after World War II?
- How have the Australian music, film and television industries changed in Australia?
- What has Australia contributed to international popular culture?

TECHNOLOGY STUDIES

Eight electives are available in this Learning Area. These belong to one of three strands of Technology:

- Information Processing (Information Strand)
- Automotive, Electrical and Electronics (Systems Strand)
- Engineering, Metal Fabrication, Textiles, Wood, Food (Materials Strand)

There is an emphasis on skill development and machine operation in all electives at this level.

INFORMATION PROCESSING

Exciting use of new multimedia softwares in the solving of real life problems is the focus of this study. Projects will in some cases involve working with local and global communities. This elective will challenge students to develop the key skills of Investigating, Designing, Producing and Evaluating when using the software in solutions.

The software applications include:

- Web page construction
- Kahootz (Creating 3D Worlds)
- Graphic Animation
- Various Microsoft Office programs

This subject is ideal for students wishing to study Information Technology at VCE level or VET Information Technology. It is also useful for students considering a career in multimedia.

AUTOMOTIVE

This subject consists of theory and related practical tasks, allowing students to develop and extend their knowledge and skills.

The areas of study will be supported by assignments to develop an understanding of mechanical, electrical and engineering principles and their applications.

The practical areas of study from which students may choose will include:

- identification, operation and function of lawn mowers, motor bikes, motor vehicle components using practical hands on experience.
- more detailed operation, engine tuning, fault finding and testing work, using the motor vehicle and its components.

Students will negotiate with their teacher the areas of study they desire. Negotiation will include detailed objectives, plans, procedures and evaluation.

This subject is ideal for students studying or wishing to study Systems Automotive at VCE level or VET Automotive or VET Engineering.

Students must wear appropriate solid footwear.

ELECTRICAL AND ELECTRONICS

The areas of study includes electrical principles, electronics (devices and applications), circuit construction and operation principles, electronic controls, power generation and environment and social issues relating to electricity/electronics.

The range of projects a student may choose is vast, but solar energy, motor vehicle electronics, amplifiers, radio receivers, alarms, computer control of robots, etc. are all possible.

This subject is ideal for students wishing to study Systems at VCE level or VET Electronics.

MATERIALS—TEXTILES

The focus on this course is Investigation, Design, Production and Evaluation. Students will be encouraged to investigate different materials and techniques, design, plan, construct and evaluate the completed articles. Students will have the opportunity to use a range of tools and equipment to complete their articles. Students will be encouraged to use a variety of fabric types and embellishments.

ENGINEERING

This subject allows students to explore the Technology process and engineering principles through the use of hand tools, machines (lathes, mills etc.), and a variety of materials and equipment.

After making two standard models as an introduction, students are encouraged to develop their own ideas while following the set Technology process. They will also be encouraged to use a number of operational procedures to gain experience in as many engineering skills as possible.

This subject is ideal for students wishing to study Product Design and Technology at VCE level and VET Engineering or Automotive.

Students must wear appropriate solid footwear.

WOOD

This unit is a continuation of the work done in Design and Technology, Design Metal and Wood programs at Year 9 level. The course consists of theory and practical related tasks, allowing students to develop and extend their knowledge and skills in designing, making and evaluating.

Students will study and develop an understanding of design fundamentals, working with timber, its uses and limitations, involving simple hand and machine operated tools. This study will focus on two categories - timber as a natural product and timber in a regenerated form.

Studies may include forms of building construction, furniture manufacture, wood turning or carving.

While the major emphasis will be on student initiated projects, there will be a compulsory component in the program in order to ensure that specific skills and knowledge are dealt with. Students will be expected to undertake projects of the degree of complexity of:

- Small coffee table using a variety of leg and rail joints
- Wine Rack

This subject is ideal for students wishing to study Product Design and Technology at VCE level.

METAL FABRICATION

This subject is designed to give students the chance to learn the skills required in the Metal Fabrication area. It will include skills needed to manufacture products using the following:

- Manual Arc Welding
- Oxy Acetylene Welding and Cutting
- Semi Automatic Welding Processes (G.M.A.W.)

Fabrication Techniques using a variety of Processes.

- Design Products.
- Working drawings using Computer Drawing Program. (CAD)
- Research and write reports on Materials and their use in society.

This subject is ideal for students wishing to study Design and Technology (Metal) at VCE level and VET Engineering or Automotive.

Students must wear appropriate solid footwear.

FOOD

This unit will be based on the Planning, Preparing, Cooking and Presentation of foods.

Development of knowledge of basic foods through research and practical applications shall be a feature of this unit. Eg. pasta, rice, poultry, fruit, vegetables.

Work is based on the use of the *“Design Process”*,

investigate → design → produce → evaluate.

Safe and responsible work practices are reinforced.

This subject is ideal for students wishing to study Food and Technology at VCE level or VET Hospitality.

SUBJECT SELECTION FORM YEAR 10 2015

Student Name _____

PLEASE RETURN THIS FORM TO
ANGELA ROBERTS - YEAR 10 COORDINATOR
BY FRIDAY 29TH AUGUST

- Please use your Year 10, VCE and VET handbook to select the subjects that you would like to do **IN ORDER OF PREFERENCE, FILLING IN ALL SPACES**. Eight electives will be studied after English and Mathematics.
- You are required to select from all Key Learning Areas with the possible exception of LOTE (French).
- French and any VCE or VET subject must be put down twice (as in the case of English and Mathematics)

1 English

2 English

3 Mathematics

4 Mathematics

5

6

7

8

9

10

11

12

Extra Selections - to be considered if you miss out on 5 –12

13

14

15

