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Year 9 Core Class

English

The English Curriculum in Year 9 aims to develop student enjoyment of, and expertise in using this rich and complex language accurately, appropriately and creatively. A broad range of written, oral and visual material is used to develop the skills of reading, writing, speaking and listening.

Specifically, the English Domain aims to encourage:

- The ability to read independently, with understanding, fluency and accuracy
- The ability to write effectively, for any purpose and audience
- The ability to speak effectively for a specific purpose and a specific audience
- The ability to reason and follow an argument
- The ability to listen with comprehension
- The ability to respond to literature and other forms of writing or speech and to discriminate between them
- The ability to take part in activities which involve social interaction
- The ability to independently edit writing for clarity, coherence and correct spelling, punctuation and grammar

Curriculum Structure

Students are required to study English during Year 9.

Year 9 English provides a comprehensive program concentrating on developing literacy skills. It provides a balance of essential skills of reading, writing, speaking and listening and critical thinking within a mixed ability classroom.

Maths

The Mathematics curriculum aims to:

- Foster an interest and appreciation of mathematics and its applications through the provision of a variety of learning experiences and activities
- Provide opportunities for students to learn logical thought processes necessary to solve problems
- Form objective conclusions in a variety of situations at home, school and in the work place
- Develop independent thinking and the skills necessary for potential vocations
- Provide remediation assistance where possible to students who have difficulties understanding the concepts and operations of mathematics
- Provide modified mathematics programs for students where appropriate
- Provide challenges and opportunities for advancement for students who show exceptional abilities in understanding concepts and operations in mathematics

This subject develops the following areas
• number and measurement, including Pythagoras Theorem and trigonometry
• spatial awareness involving geometry
• development and graphing of equations from number patterns and practical situations
• use of the calculator for scientific applications
• gathering, investigating and interpreting statistical information
• solutions of linear equations
• ratio and proportion
• probability associated with games or chance.

Languages
Students are encouraged to continue studying French. Completing a Year 9 Language helps to keep this pathway open as students head towards VCE. Students who do not wish to continue with French will undertake International Studies. This block runs for 3 lessons per week.

French
In this unit you will continue to expand on your study of French and the French-speaking world that you have begun in Years 7 & 8. You will further develop your skills in listening, speaking, writing and reading. You will also continue to enhance your skills and knowledge through the continued use of games, songs, videos and other resources, as well as enjoy French food. The text you will use is *Tapis Volant* 2, following topics such as; Daily and Weekly Activities, Around Town, Shopping and Weather.

International Studies
While all students are encouraged to keep the Languages pathway open, some students may wish to complete their obligation to study languages by taking this option. International Studies will be assessed against the cultural component of the Languages AusVELS as well as the AusVELS in the Humanities Domain; Economics, Geography, History and Civics and Citizenship. This subject will take an inquiry approach to looking at some of the major current international issues and Australia’s connection to counties in our neighbourhood and well as its role in the broader international community.

Health
The following units will be covered in Health;

*Risky Business*
This health unit helps students understand why people take risks and enables students to make informed decisions when considering risk taking behaviour. We address ways in which students can minimise harm to themselves and others through experimentation and risk-taking. We research the emotional, social, legal and financial harms drugs have on people.

*Nutrition*
This unit assists students to understand the importance of nutrition during adolescence. We address concerns with Australian nutrition, influences on food intake and also strategies to increase our
nutritional intake such as making healthy food choices and understanding the Australian Guide to Healthy Eating.

**Creating Conversations**
Creating Conversations is a health unit in which students explore the dangers of substance abuse, drug related issues and the presence of alcohol in our world. Students will form groups and create interactive presentations based on specialist topics. The unit will culminate in an event to which students will invite parents and friends, present their work and, in a non-threatening environment, create conversations between adolescents and adults, on these sometime delicate issues.

**Let’s talk about it - Relationships**
This Discovery Unit focuses on understanding and developing healthy relationships. Students learn more about sexual relationships, the risks associated with them and how these risks can be minimised.

**Humanities**
Humanities incorporates the study of History, Geography, Civics & Citizenship and Economics. The following units will be covered in Humanities;

**The Industrial Revolution**
In this unit, students study the making of the modern world from 1750 to 1918. It covers the period of industrialisation and rapid change in the ways people lived, worked and thought, the era of nationalism and imperialism, and the colonisation of Australia which was part of the expansion of European power.

**World War One**
The final area of study for History focuses on the First World War. Students will gain an understanding of the causes of the First World War and looks at why Australia became involved. Students will undertake an investigation of an aspect of the First World War and prepare an information report based on the investigation.

**Geographies of interconnections**
This unit examines the interconnections between people and places through the products people buy and the effects of their production on the places that make them. Students examine the ways that transport and information and communication technologies have made it possible for an increasing range of services to be provided internationally, and for people in isolated rural areas to connect to information, services and people in other places. These distinctive aspects of interconnection are investigated using studies drawn from Australia and across the world.

**Civics & Citizenship**
The Year 9 curriculum builds students’ understanding of Australia’s political system and how it enables change. Students examine the ways political parties, interest groups, media and individuals
influence government and decision making processes. They investigate the features and principles of Australia’s court system, including its role in applying and interpreting Australian law. Students also examine global connectedness and how this is shaping contemporary Australian society.

**Economics**

In this unit students are introduced to the concept of an ‘economy' and explore what it means for Australia to be part of the Asia region and the global economy. They consider the interdependence of participants in the global economy, including the implications of decisions made by individuals, businesses and governments. The responsibilities of participants operating in a global workplace are also considered.

**Physical Education**

The following units will be covered in PE;

**Individual Sports**

This Discovery Unit looks at different types of sports that we can participate in as an individual. We practice unfamiliar sports such as archery, croquet, lawn bowls. We discuss the benefits of being involved in sport and in particular, the positive aspects of individual sports.

**Fit For Life**

This Discovery Unit looks at what it means to be physically and mentally healthy. We learn about the components of fitness, different types of training and their benefits on the body. We analyse our fitness, set goals and develop a fitness program to help improve our personal fitness levels. This unit is completed by creating and participating in their own personal training programs.

**Be A Sport**

This unit looks at tactics and strategies involved in various team sports. We will address good sporting conduct - that is, participating fairly and behaving in a way that helps people enjoy playing the game.

**Non-Traditional Sports**

In this unit students are introduced to more sports that they can participate in a team. They will get an introduction to new sports they may not have had experienced before such Sofcroose, Korfball and Speedball.

**Science**

The following units will be covered in Science;

**Life in the Balance**

Students explore the role of the different systems in the body and how they work together. They learn about the 5 senses and how they work together. Students carry out an eye dissection to learn about the structures of the eye and use that model to learn about their own eye. Students choose a topic related to Coordination and Control, to research and share with their peers. Students investigate the way in which matter is recycled. They build on their knowledge of cycling of matter
and learn about the Carbon and Nitrogen Cycles. Students use experimental methods to explore the relationship between photosynthesis and respiration. They conduct research to develop sustainable solutions to real world problems and determine the impact of non-sustainable practices on a food web.

**Biomes and Food Security**

Students investigate the role of the biotic environment and its role in food and fibre production. Students examine the biomes of the world, their alteration and significance as a source of food and fibre, and the environmental challenges and constraints on expanding food production in the future.

**It’s Elemental**

Students explore how the world exists at an atomic level. They learn about atomic theory and how it has changed over time. Through experiments, students investigate how matter behaves during chemical reactions. They challenge the law of conservation of mass and determine whether reactions are endothermic or exothermic. Students learn about reactions involving acids and bases and combustion reactions. Students continue to develop their practical skills and use MSDS data to determine an appropriate risk assessment plan for an experiment.

**Waves and Particles**

Students learn how energy transfer through different mediums can be explained using the wave and particle models. They investigate the transfer of heat in terms of convection, conduction and radiation, and identifying situations in which each occurs. Students investigate factors that affect the transfer of energy through an electric circuit and explore the properties of waves, and situations where energy is transferred in the form of waves, such as sound and light.
Projects
Students get the opportunity to do two Project classes each semester. Project classes come from a range of Domain areas and are an opportunity for students to extend themselves in an area they are interested in.

Within each Project class there is an opportunity for students to undertake a personalised project. This is done to maximise student engagement. Some part of each Project will be structured; ensuring basic skills in particular areas are covered. After that, individuals or groups develop, plan and undertake their own project in accordance with the interests of the individual or group. Assessment for each student will assessed against the appropriate AUSVELS in the applicable Domain area. The project will be presented to others in a Year 9 Projects Expo at the end of the semester.

AVO91 ART & DESIGN
Previous Year’s Materials & Resources Electives cost $50.00

Art & Design at the Year 9 Campus is all about exploration, experimentation and creative thinking. Students will have the opportunity to develop a folio of work based on their own personal interests within the wide range of areas involved in Art & Design. Students will be introduced to a range of new techniques, including printmaking, painting, photography, sculpture and design. This will assist them to further develop and improve their skills in both 2D and 3D methods, using a variety of materials and media.

TA091 AUTOMOTIVE
Previous Year’s Materials & Resources Electives cost $50.00

In Automotive, students explore areas such as Safety in the Workshop, Automotive Tools, difference between two stroke and four stroke engines. Students study engine service and operating procedures and apply this learning to overhaul a 4 stroke single cylinder motor.

TT091 CRAFTY DESIGN
Previous years: Materials & Resources Electives cost $50.00

Materials costs: in addition to the Materials & Resources Electives Cost the student will supply all the requirements of their major project.

In this unit you will experience a range of textiles and related skills such as machine embroidery, hand embroidery, patchwork, quilting, machine felting, and applique in the form of mini projects over one term.
In the second term you will design and produce your own major project incorporating one or more of the skills you have learned.

You must of course consult with your teacher to ensure that the project you develop is suitable and challenging enough to develop your skills further and meets the requirements of the subject.

It is expected that the major project is completed along with a self-evaluation.

So if you have a flair for design and are creative then this is the subject for you.

**Subject Outcomes:** Completion of each of the mini projects

Completion of a major project and an evaluation

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**SC094 CRIMINAL MINDS**

Previous Year’s Materials & Resources Electives cost $45.00

In Criminal Minds, students will explore areas such as Psychology, Forensic Science, History and the Legal System to provide the framework for their investigations. They will participate in practical experiments to solve the clues left in staged crime scenes. They will learn how to collect and analyse evidence, form an appropriate hypothesis and interpret data. Students will compare anti-social and pro-social behaviour and research notorious criminals and the impact their crimes had on their victims and society.

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**TF091 FOOD**

Previous Year’s Materials & Resources Electives cost $107.00

Cooking is, without doubt, one of the most important things a person can ever learn. Once someone has that knowledge, that’s it – they’re set for life. This course will arm students with sensible practical knowledge they can take into the world and actually use.

Inspired by the many cooking shows available in the media, we explore some of the chefs that tell us a story using food. A highlight of the semester is a ‘Bake Off’ or a project involving the ‘Cows make Careers’ project.

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**TA093 F1 PROJECT**

Previous Year’s Materials & Resources Electives cost $40.00

In F1 teams of students work together to design, create and promote a F1 style model race car. Each team member takes responsibility for a role within the group, these roles include team management,
graphic design, car engineering and manufacture. The project concludes with students participating in the F1 in Schools competition where they have the opportunity to race their car and be judged in a range of different areas. Students are required to commit to this project for one semester.

**TM091 METAL**
Previous Year’s Materials & Resources Electives cost $75.00

This unit focuses on sheet metal skills and moves into general engineering practices and skills. Students are introduced to oxyacetylene welding, metal lathe operations, forging and fabrication. Continued experience is provided in the use of power tools, workshop drawings and safety within the workshop.

**T1091 ONLINE MAGAZINE**
Previous Year’s Materials & Resources I Electives cost $30.00

Online Magazine enables students to produce a magazine or part of a magazine with a theme of their own choosing. Students may work individually, in pairs or in small groups to research, investigate, and develop journalistic ideas for inclusion in their magazine. The presentation, design, and format, are all elements of the magazine which are also decided by the students.

Topics of interest so far have included sport, fashion, beauty, bands and music, famous people. Through the production of an Online Magazine students have the opportunity to enhance their skills in writing, editing, and creative design.

**AP091 PERFORMING ARTS**
Previous Year’s Materials & Resources I Electives cost $40.00

In the Performance Project, students will learn how to devise and develop their own performance(s). Students involved will take on a role and develop this as the performance progresses. Students can use a pre-existing performance or can devise their own. The subject matter could be a play, a dance, film, a music performance, singing or a combination of these. Students will learn the skills and techniques required to create a performance. The work will be performed to an audience.

Roles could include

- Actor
- Director
- Dancer
- Choreographer
• Singer
• Backstage Management
• Make up design and application
• Lighting design and operation
• Set design
• Script Writer
• Performance Management
• Costume design and creation

AP093 PULSE RADIO
Previous Year’s Materials & Resources Electives cost $40.00

Without a voice no one can hear you. Pulse Radio gives power back to the Year 9 Students and is a voice for them to express their views and ideas. The program involves running a School Radio Station featuring music and topics during lunch times that relate to their current interests. Students work on a diverse range of projects throughout the year and are given opportunities to work on Commercial Radio Stations in Shepparton as well as produce weekly shows. This Subject looks at technical production skills needed to be a DJ or Famous Recording Artist as well as developing greater skills in the area of Music Performance. Great for anyone who has a passion to create or listen to current music.

SC093 SEED TO MARKET
Previous Year’s Materials & Resources Electives cost $45.00

In Seed to Market, students will choose a product they can take through the development process from initial conception through to the point of sale to learn how to run a business and increase their awareness as a consumer. They will design a logo for their business, develop marketing and advertising strategies and investigate how their food gets from the farm to the table. Students will take an active role in the garden, grow organic produce and learn about sustainable farming processes. They will conduct experiments to test the soil quality and learn how they can add organic matter to improve the condition of the soil.

HP093 SEPEP (Sport Education in Physical Education Program)
Previous Year’s Materials & Resources Electives cost $37.00

In this unit students are responsible for working together to set up a sports season. They create mixed ability teams and form a fixture for a competitive season. The season exhibits many parallels with community sport and gives students an understanding of the roles and effort required to be
Successful. Students are developing social and cognitive skills along with sport skills. SEPEP enables students to fulfil roles such as umpiring, acting as a team coach or captain, serving on a sports board or working as a media officer.

**TS091 SYSTEMS**
Previous Year’s Materials & Resources Electives cost $50.00

Electrical / Electronic circuits are used extensively in many tools, toys and equipment in everyday life. Students will be researching some of the uses of electronic devices and then designing their own device in as their own project.

**TW091 WOOD WORK**
Previous Year’s Materials & Resources Electives cost $50.00

This unit introduces basic cabinet making and is designed to cover the many of the more common joints. Planning and design of individual or group projects is part of this subject, as is health and safety and costing of timber.

**HP094 OUTDOOR RECREATION**
Previous Year’s Materials & Resources Electives cost $200.00

This Project combines elements of Physical Education with Outdoor Education. This recreational unit includes activities like bush walking, knot tying, orienteering, camp oven cooking along with activities where students will have to work as a team to be successful. Students will also complete their Level 1 First Aid as part of the unit.