

# STAWELL SECONDARY COLLEGE



## YEARS 7 - 9 HANDBOOK

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# 2024

PARTICIPATION • ASPIRATION • INCLUSION • RESILIENCE • RESPECT

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# SUBJECTS

## Year 7

CORE
English
Health & Physical Education
Science
Chinese
Mathematics
Humanities
ELECTIVE
Art
Materials-Wood
Food Technology
Digital Technology

## Year 8

CORE
English
Health & Physical Education
Science
Chinese
Mathematics
Humanities
ELECTIVE
Metalwork
Art
Systems
Performing Arts

## Year 9

CORE	ELECTIVES	
English	Chinese (Must be taken for both semesters 1 & 2)	Materials Metal Materials Wood
Humanities	Visual Arts	Information Technology
Science	Drama	Food Technology
Mathematics	Music	Media
Health & Physical Education	Visual Communication Design	Systems

# CORE SUBJECTS

## ENGLISH

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### YEAR 7

In Year 7, English builds upon students' skills in reading, writing, speaking and listening. It provides students with the competence, experience and study habits necessary to successfully continue their studies in English throughout their secondary education. The study of a variety of different forms of literature allows students to explore themes and ideas that they will encounter at school, home and in the wider community. Our students' confidence is also nurtured to assist them in becoming effective and skilled communicators, both written and verbally

**PATHWAY:** Year 7 English provides a foundation for Year 8 English.

### YEAR 8

In Year 8, English is taught to enhance students' enjoyment of language and to encourage them to think critically, logically and imaginatively. Students are exposed to a diverse range of texts and learning experiences to meet their individual needs and interests. Students complete writing tasks to develop their skills in different writing styles such as graphic texts, persuasive writing, fiction and non-fiction, and poetry. They are encouraged to read widely and take part in a range of oral tasks. The Year 8 English curriculum content has been specifically tailored for the students at the college.

**PATHWAY:** Year 8 English provides a foundation for Year 9 English.



## YEAR 9

Year 9 English aims to build on the concepts, skills and processes students have developed in previous years. Students complete writing and speaking tasks that build upon these skills, and develop new concepts and skills which will prepare them for senior years of secondary education and beyond. Students study a range of literary texts and investigate the issues and ideas. Through the study of film, students explore the visual medium as a form of literature with a language of its own to be interpreted and connected to real-world issues. Students also study TEXTS from the Australian Media and the use of persuasive language. Subsequently they create of persuasive writing and speeches.

**PATHWAY:** Year 9 English provides the foundation for VCE Foundation English.



# MATHEMATICS

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## YEAR 7

Mathematical knowledge and skills play a fundamental role in our society. Our mathematics curriculum responds to these needs by targeting learning at students' level and supporting them in improving their understanding and skills. Our program prepares students with the mathematical skills and knowledge needed for future study and life. Students work collaboratively and individually to develop the skills through a variety of learning activities. Our units are designed to meet the Victorian Curriculum guidelines within the three strands:

- Number & Algebra
- Measurement & Geometry
- Statistics & Probability

Calculators and computers are incorporated into our units wherever possible to enhance and extend learning. In addition, students have the opportunity to extend their skill levels by participating in mathematics competitions, such as the Australian Mathematics Competition.

**PATHWAY:** Year 7 mathematics provides a foundation for Year 8 Mathematics

## YEAR 9

Our Year 9 mathematics program builds on students' skills and understanding from previous years. We prepare students with the mathematical skills and knowledge needed for future study and life. Students are given opportunities to extend and challenge their current skill levels. Our units are designed to meet the requirements of the Victorian Curriculum and cover the three strands:

- Number & Algebra
- Pythagoras Theorem
- Financial Mathematics
- Chance (probability)
- Scientific notation
- Using units of measurement (2D & 3D shapes)
- Trigonometry
- Statistics & Probability
- Data Representation & interpretation
- Linear Relationships & their graphs
- Measurement & Geometry

**PATHWAY:** Year 9 mathematics provides a foundation for Year 10 Mathematics.

## YEAR 8

The Year 8 mathematics curriculum caters to a broad range of mathematics abilities. We engage our students and support them in developing their mathematical understanding by providing opportunities for students to work collaboratively to solve practical mathematical problems. In Year 8 students build on their understanding and skill levels from Year 7 and cover concepts and skills relating to three mathematical strands;

- Number & Algebra
- Measurement & Geometry
- Statistics & Probability

Calculators and computers are incorporated into our units wherever possible to enhance and extend learning. In addition, students have the opportunity to extend their skill levels by participating in mathematics competitions, such as the Australian Mathematics Competition.

**PATHWAY:** Year 8 mathematics provides a foundation for Year 9 Mathematics



## **HUMANITIES**

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### **YEAR 7**

Year 7 Humanities includes the studies of history, geography and economics. Students study human societies and environments, people and their cultures in the past and the present. Year 7 students begin their exploration of world history at the beginning: focusing on the development of ancient cultures in Asia and the Mediterranean regions. Students investigate geographical processes and environments and discuss the impact of geography upon human populations. They also investigate aspects of Australia's economy and develop personal financial literacy.

### **YEAR 8**

Year 8 Humanities includes the study of both Civics and Citizenship together with Economics and Business. Through the study of Civics and Citizenship, students investigate political and legal systems, and explore the nature of citizenship, diversity and identity in contemporary society. They gain the knowledge and skills necessary to question, understand and contribute to the world in which they live. The Economics and Business curriculum explores the ways in which individuals, families, the community, workers, businesses and governments make decisions in relation to the allocation of resources. It enables students to understand the process of economic and business decision-making at the personal, local, regional, national and global levels and the effects of these decisions on themselves and others, now and in the future. Students develop skills that will inform and encourage them to participate in, and contribute to, the economy.

### **YEAR 9**

In Semester 1 students look at the world's biomes and discover why animals and plants live where they do. They will then investigate food security and how the world and its people are interconnected. In semester 2 students will look at the settlement of Australia from the industrial revolution up to the start of World War 1.

#### **ASSESSMENT:**

- Topic tests
- Projects
- Written examination

#### **PATHWAY:**

This course provides a pathway to a range of study areas in Year 10 and beyond including further studies in History, Business Management, Legal Studies, and Global Politics.



# SCIENCE

## YEAR 7

Year 7 Science explores the wonder of how things work, including various phenomena and the amazing variety of all living things.

Science provides students with a powerful tool for understanding how their world operates and how they can interact with their physical surroundings. Science encourages students to learn through inquiry-based approaches and to formulate their ideas accurately with the help of the scientific method.

### TOPICS:

- introduction to science
- separating techniques
- classification
- food chains and webs
- Earth in space
- resources and the water cycle
- forces and motion

Students work collaboratively and individually to develop their scientific skills through hands-on activities and practical investigations, research tasks, excursions to STEM facilities and incorporating technology, through online learning programs.

## YEAR 8

Science topics in Year 8 cover aspects of the four main areas of study in Science: Biology, Chemistry, Physics and Earth and Space Science. Students work on reinforcing and building their skills learned in Year 7 Science.

### TOPICS:

- atomic structure and the periodic table
- chemical reactions
- force and gravity
- the rock cycle
- cells and reproduction
- body systems
- light and sound

Through this study, students practise and develop skills of observation, questioning, planning, analysing and communicating. Students experience a variety of learning approaches through the use of practical investigations, modelling activities, textbook exercises, written investigations, excursions to STEM facilities and incorporating technology, through online learning programs.

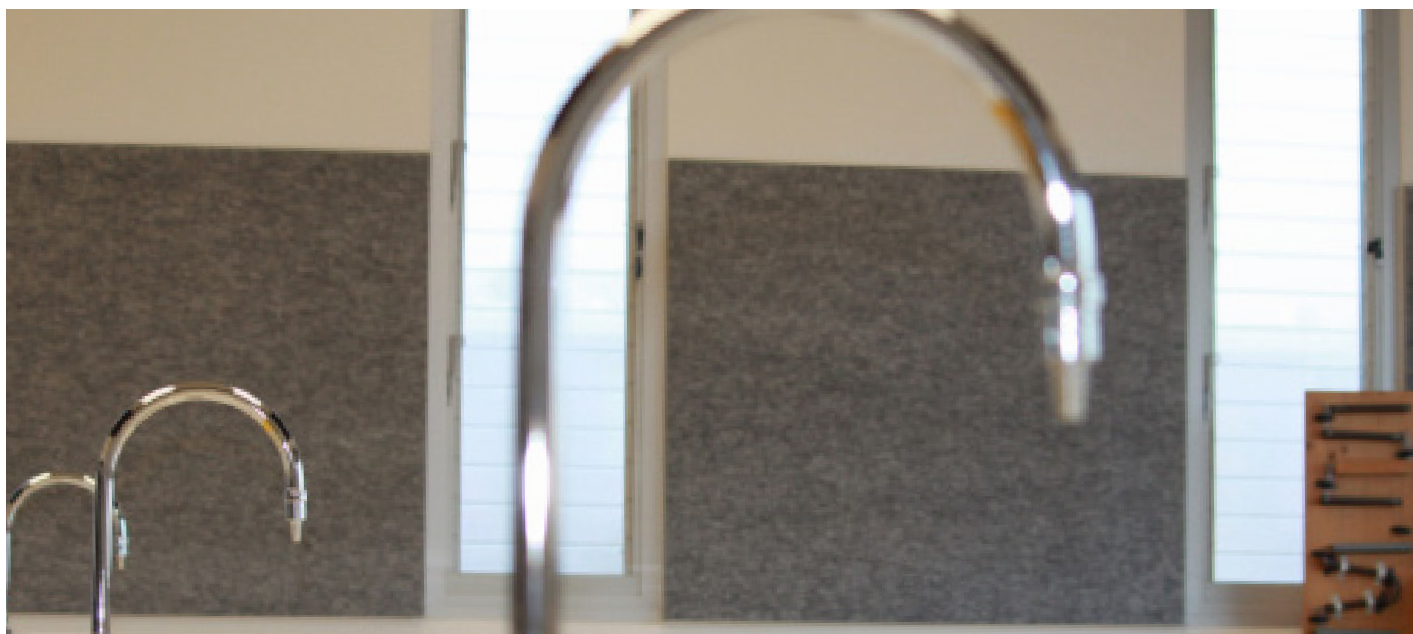
## YEAR 9

Year 9 Science continues to develop students' curiosity about the world and build their scientific skills. Students will continue to investigate topics surrounding the four main aspects of Science: Biology, Chemistry, Physics and Earth and Space Science.

### Topics:

- |                   |                          |                                    |                   |
|-------------------|--------------------------|------------------------------------|-------------------|
| • Ecosystems      | • Control and Regulation | • Chemical Reactions               | • Plate Tectonics |
| • Acids and Bases | • Sound and Light        | • Electricity and Electromagnetism |                   |

Through this study, students practise and develop skills of observation, questioning, planning, analysing and communicating. Students experience a variety of learning approaches through the use of practical investigations, modelling activities, textbook exercises, written investigations, excursions to STEM facilities and incorporating technology, through online learning programs.





## HEALTH & PHYSICAL EDUCATION (HAPE)

### Year 7

In Year 7 Health and Physical Education students will participate in a range of activities including football, netball, athletics, dance, soccer, bat tennis and softball. Students will identify and discuss health concerns affecting young people including skin cancer awareness, bullying and smoking. They will identify health initiatives and resources designed for young people and engage in a range of activities to develop a positive identity, resilience and decision making skills.

### Year 8

In Year 8 Health and Physical Education students develop motor skills, tactics and strategies and apply

these to improve individual and team performance. Students explore the physical, social and emotional changes that occur during adolescence including puberty and self-awareness as well as factors that influence their own development and wellbeing.

### Year 9

Health and Physical Education students will identify ways to improve the quality of their skills and use strategies to improve individual and team performance. They will evaluate their personal fitness and use a variety of training methods. Students participate in a range of activities including person fitness, lifestyle activities, badminton, target and ball sports. Students will explore the physical, social and emotional dimensions of health. Students will explore risk taking behaviours for teenagers



# LANGUAGE

## CHINESE

### YEAR 7

Chinese is the language to learn in the 21st Century. It has become one of the most useful skills for future employment in Australia.

In Year 7, students will build up their vocabulary and sentence structures based on the topics about themselves and Chinese community. They build their listening, speaking, reading and writing capacity throughout the Year 7 program. Students also develop an understanding and appreciation of the history and culture associated with the language, through a variety of resources. The course caters for those beginning Chinese for the first time, whilst extending the skills of those who have previous experience of learning Chinese. The school provides a range of resources and opportunities for students to improve their language learning, for example Education Perfect (a computer program) which helps students to consolidate their language outside of class. Students are also encouraged to participate in various extra-curricular activities, including Chinese Culture Days, State-wide Chinese Speaking Competitions, excursions, school-organised China study tours and Friday after-school classes.

#### **PATHWAYS:**

Year 7 Chinese leads on to Year 8 Chinese.

### YEAR 8

Chinese is the language to learn in the 21st Century. It has become one of the most useful skills for future employment in Australia.

In Year 8, students work to expand their vocabulary for conversational and written Chinese language and to improve their cultural awareness. They continue to extend their listening, speaking, reading and writing capacity based on the foundation they established in Year 7. Students interact to exchange information and opinions on topics related to the world of adolescence including daily routine, leisure activities, food and Chinese culture. They use language to exchange information, express opinions, ideas, feelings and plans orally and through written correspondence. Students are also encouraged to participate in various extra-curricular activities such as Chinese Cultural Days, state-wide Chinese competitions, excursions, incursions and Friday after-school classes. In 2024, students will be involved in a pen-pal program which provides them with the opportunity to communicate with students from China to gain more understanding of China, the language and the culture. Students are also encouraged to participate in the 2024 China trip to immerse themselves in Chinese language and culture.

#### **PATHWAYS:**

Year 8 Chinese leads on to Year 9 Chinese.





## YEAR 9

Chinese is the most widely spoken language in the world. It has become one of the most useful languages for future employment in Australia and around the world.

In this subject, students can expect to expand their vocabulary in conversational and written Chinese language for more applied social situations. They will interact on topics related to the world of adolescence including study, leisure, relationships and careers. Students improve their language capacity in listening, speaking, reading and writing from beginner's level to immediate.

Students also participate in a variety of excursions, incursions, online programs, cultural activities, Chinese language competitions and a pen pal program with our Shanghai sister school students. Students are encouraged to extend their language proficiency by attending Friday after-school Chinese classes to study HSK (Chinese Standard Test) to gain certificates in different levels which are widely recognised around the world. **In 2024, there will be a China trip opportunity for Chinese language students to enrich their cultural understanding and improve their language skills.**

**PATHWAYS:** Year 9 Chinese must be selected for both semesters. This subject leads on to Year 10 Chinese and VCE Chinese Language, Culture and Society in Years 11 and 12. This pathway also provides an opportunity for students to consider study abroad.





# ELECTIVE SUBJECTS

Students will undertake the following subjects for one semester each. They will study one Art and three Technology subjects at Year 7.

## ART

### YEAR 7

In Year 7, students explore the “elements of art”. This includes a range of projects that allow the students to explore and experiment with colour, line, tone, form, shape, texture, time, light and sound. Students experiment with materials for art making and explore self-expression through the use of symbolism and personal style. They develop unique methods for representing their ideas through the development of individual and collaborative artworks. Students also view and discuss artworks created in different times and places, to develop their ability to interpret artwork.

**For the production classes students are required to wear;**

- leather school shoes or boots (runners or sandals of any type are not acceptable)
- protective clothing such as aprons • safety items as deemed necessary by the teacher

### YEAR 8

Year 8 students will explore the elements and principles of art through a wide range of mediums that they will apply to creative project-based learning. They will build on their knowledge developed in Year 7 Art which will allow them to extend, understand and refine their skills in many traditional arts based disciplines such as, painting, drawing and sculpture. This will give them a solid foundation for further study in arts based electives in Year 9.

**PATHWAYS:** Year 9 Visual Communication Design, Year 9 Art

## VISUAL ARTS

### YEAR 9

At Year 9, students identify sources of inspiration and experiment with materials and techniques to develop artworks that communicate meaning. They undertake research to enhance their knowledge of art history and inform the development of ideas. Students maintain a record of their process in their visual diary and develop their ability to reflect, evaluate and alter their direction. Through practical work, students' creativity is fostered to encourage the expression of their ideas and the development of technical skill.

**PATHWAYS:**

Leads to VCE Studio Art and VCE Visual Communication Design.



# **VISUAL COMMUNICATION DESIGN**

## **Year 9**

Visual Communication Design at Year 9 introduces students to the principles of design and the design processes. The subject is inspired by design of all types, including architecture, product design, landscape design and graphic design. Although a very creative subject, students gain a range of transferable skills, including technical drawing, visual analysis and use of digital design programs such as Adobe Illustrator and Google sketchup. Students will be able to create their own logos, learn about typography, create perspective drawing landscapes, learn to use scale and measurement in paraline drawings and use the design elements and principles to achieve an imaginative response for a given design brief.

# **FOOD TECHNOLOGY**

## **Year 7**

Students develop practical skills with the safe and hygienic use and care of tools, equipment, and machines in food production. They develop self-confidence and management skills, and carry out the processes of investigating and designing, producing, analysing and evaluating recipes. They develop an understanding of foods and their composition and are introduced to food selection models such as the Healthy Eating Pyramid. Students work individually and in teams to produce a weekly food production. A range of different food items suitable for breakfast, lunch and dinner and other special occasions are prepared.

## **Year 9**

Students examine the influences on Australian food, including Indigenous ingredients and the impacts of migration. Students look at the traditions of previous generations, and experiment with the functional properties of food. Students continue to develop safe and hygienic work practices and enrich their development by applying a range of skills and techniques relevant to food production methods.

**PATHWAYS:** Year 10 Food Technology, VCE Unit 1 &2 Food Technology





# MATERIALS - WOOD

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## YEAR 7

Students make basic wood projects with personal touches being added to individualise their projects. The four main areas of study are: Investigating, Designing, Producing and Evaluating. Students will also learn how to interpret engineering designs and produce hand sketches and detailed drawings of their final production project. This learning area is a highly practical area in which students are encouraged to express themselves and develop skills in decision making and problem solving. It provides students with opportunities to apply their knowledge and skills in a practical and enterprising way, using a

## YEAR 9

Students have the opportunity to design and make projects from a design brief based on a set project with clear guidelines. Students will make wood projects with personal touches being added to individualise their projects. Students will also use CAD (computer-aided design) in the design process and produce hand sketches and detailed drawings of their final production project. This learning area is a highly practical area in which students are encouraged to express themselves and develop skills in decision making and problem solving.

**PATHWAYS:** Year 10 Materials – Wood, VCE Product Design Technology, VET Building and Construction and VET Engineering.

# DIGITAL TECHNOLOGY

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## YEAR 7

Students learn to navigate a multi-drive system with their device. They learn to best use the Microsoft suite to assist them with their secondary schooling and explore new programs such as Photostory and Audacity. Students also undertake a practical task that involves the construction of a simple electronic circuit.

# INFORMATION TECHNOLOGY

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## YEAR 9

In this course students learn to use a range of ICT tools and data types to visualise their thinking strategies when solving problems and developing new understanding. Individually, and as team members, students will be encouraged to apply a range of techniques, equipment and procedures that minimise the cost, effort and time of processing ICT solutions and maximise the accuracy, clarity and completeness of the information. Their products will aim to demonstrate a clear sense of purpose and respect for the audience. They shall be taught to apply strategies that protect their files from being corrupted, stolen or accidentally lost. Students will learn to refine their techniques to locate more precise information from websites, including searching general and specialised directories, and applying proximity operators. Students initially undertake core components of this course before choosing from a series of partly self-directed units of their interest. These electives include, but are not limited to: Web Site Development, Multimedia, Robotics, Animation, Programming (to create computer games), Computer Repair, Construction and Maintenance, and Electronics.

**PATHWAYS:** Year 10 Programming and Game Making, VET Information Technology

# SYSTEMS

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## YEAR 8

This unit introduces students to the mechanical and electronic world. Students investigate a problem, design produce and then evaluate a solution and the production process. Students gain skills in the use of a range of hand and power equipment.

**PATHWAYS:** Yr 9 Systems, Yr 10 System, VCE Product Design, VET Auto

## YEAR 9

This unit develop the understanding students have of mechanical and electrical systems. They learn how things work and then use that knowledge to build, dismantle, modify or repurpose mechanical and electronic systems. Students learn by making mistakes and building their skills. Issues such as “the sustainability of materials used in systems” and “recycling of systems materials” are explored. Evaluation of the success of a product, the use of tools and equipment and the effectiveness of the use of class time for production is documented.

**PATHWAYS:** Systems Year 9 leads onto Year 10 Systems and VCE Systems Engineering

# METALWORK

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## YEAR 8

This unit will introduce students to the wide range of uses that metals have in our lives. Students investigate a problem, design and produce a solution and then evaluate this and the production process. Students gain skills in the manipulation of various metals using of a range of hand and power equipment.

**PATHWAYS:** Year 9 Metal, Year 9 Wood, Year 10 System, VCE Product Design, VET Auto

## YEAR 9

# MATERIALS - METAL

Students have the opportunity to design and make projects from a design brief based on a set project with clear guidelines. Students make metal projects with personal touches being added to individualise their projects. Students also use CAD (computer-aided design) in the design process and produce hand sketches and detailed drawings of their final production project. This learning area is highly practical in which students are encouraged to express themselves and develop skills in decision making and problem solving.

**PATHWAYS:** VCE Product Design Technology and VET Engineering.





## PERFORMING ARTS

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### YEAR 8

Performing arts offers students the opportunity to reach their creative and expressive potential by making and responding to drama independently and in groups. Students begin by developing their understanding of how to create role and character through exploring the expressive skills of voice, body language and costume. Throughout the semester, students make and respond to a variety of different dramatic genres, including comedy and improvisation. Students build their capacity to work in teams and develop confidence, creating live and recorded performances. Students are asked to evaluate their creative process in order to develop their critical inquiry, reflection and analysis skills. Through performance, students are supported to develop a sense of empathy, confidence and social intelligence by focusing on their ability to develop character strengths.

**PATHWAYS:** Year 9 Drama

## DRAMA

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### YEAR 9

Drama aims to introduce students to live and recorded performances. Students develop their own scripted works in response to themes from a range of cultures, times and locations. They create ensemble performances utilising elements of physical theatre. They will work in small groups and as a part of a large ensemble to develop creative works for performance.

## MEDIA

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### YEAR 9

Students develop skills in using and manipulating various forms of media including, but not limited to, film-making, animation, music production and recording, sound production, podcasting, and editing with various suites. By the end of the unit, students will have mastered the basic skills of media production, utilising their creative skills to produce their own projects.

**PATHWAYS:** YEAR 10 Media, VCE Media Studies



# INSTRUMENTAL MUSIC

Instrumental Music is an additional co-curricular program that runs parallel to the main timetable and is offered to all students in the school. Students get a specialist lesson each week and as soon as they are ready they are strongly encouraged to join the school band, which gives them the opportunity to further develop, consolidate and extend their skills in ways that cannot be achieved in lessons alone. Participation in the band also opens up opportunities to work with students from other schools.

Instruments include Flute, Oboe, Clarinet, Alto or Tenor Saxophone, Trumpet, French Horn, Trombone, Euphonium, Tuba, Guitar, Bass Guitar, Percussion/Drums and Piano. Lessons are scheduled on a rotating timetable so students do not constantly miss the same subject. Students register and pay for lessons each semester, with lessons beginning the week following the submission of forms with payment. Lessons cannot commence until payment is made. Lesson fees are \$80 per semester. Home practice is essential for success. To support this, a limited number of hire instruments are also available at a cost of \$80 per semester.

## MUSIC

This course aims to broaden students' appreciation of music and its elements, while also developing their performance and compositional skills. Students will have the opportunity to perform in a group setting and experience the excitement of live performance, playing an approachable and easy to learn percussion instrument. A large focus of this subject is the use of music to convey emotion, story and identity. This will be explored through listening and learning about a wide range of musical genres as well as identifying music that has shaped students' lives and identities. The course culminates in an extended project involving the recording of sounds and samples, using technology to compose and edit music, and finally the creation of an original piece of music to accompany a visual medium. No previous musical experience is necessary to participate and it is not compulsory to be learning an instrument. However, additional experience gained by participating concurrently in the instrumental music program would be highly advantageous.

### FURTHER STUDIES:

VET Music, VCE Music Performance & Music Investigation





# ASSESSMENT

## UNITS OF LEARNING & ASSESSMENT

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Each subject will require students to complete between two to four units of learning. Students will be assessed on their understanding and skill development within each unit of learning through a variety of assessment tasks. These assessment tasks may include such things as written exercises, practical work, folio work, task sheets and presentations. Parents will be notified if students have not completed or unsatisfactorily completed any of these assessment tasks, and students will be able to redeem their assessments at a later date. Students will receive their results from their subject teacher and be given feedback on how they can improve in future assessments.

## CONTINUOUS REPORTING

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Stawell Secondary College uses continuous reporting for all our students. This provides students with meaningful and timely feedback on their understanding and skill development within the unit of learning. Written feedback is provided throughout the semester after each unit of learning and posted through our online portal. At the end of the semester, assessment feedback in the form of comments and grades will be collated to form the summative semester report and printed copies will be available to parents and caregivers.

## HOMEWORK

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Homework is defined as learning activities related to school curriculum, which teachers expect students to complete in their own time. Homework is an essential ingredient for ongoing success at school. Parents should be aware that students are expected to undertake homework, which will be on a regular basis. The amount of homework required will depend on each subject; however, on average a Year 7 - 9 student could expect up to 2 hours per week.

# NOTES





# NOTES



# NOTES





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