



KURUNJANG SECONDARY COLLEGE

---

# 2020 Subject Handbook

---

YEAR 10 CORE AND ELECTIVES

# Introduction

---

Kurunjang Secondary College provides a rigorous and comprehensive range of core subjects, and has a choice of numerous semester based electives to develop skills and knowledge in areas of interest and strength.

<b>Course of Study Outline</b>	<b>Sessions Per Fortnight</b>
<b>English (whole year)</b>	<b>8</b>
<b>Mathematics (whole year)</b>	<b>8</b>
<b>Science (one semester)</b>	<b>8</b>
<b>Humanities (one semester)</b>	<b>8</b>
<b>Elective 1 (one semester)</b>	<b>8</b>
<b>Elective 2 (one semester)</b>	<b>8</b>
<b>Elective 3 (one semester)</b>	<b>8</b>
<b>Elective 4 (one semester)</b>	<b>8</b>
<b>Elective 5 (one semester)</b>	<b>8</b>
<b>Elective 6 (one semester)</b>	<b>8</b>

# Year 10 Curriculum Structure

---

All Year 10 students complete a range of studies in core and elective subjects. The core subjects are English, Humanities, Mathematics, and Science.

In addition, students choose six semester based electives. The electives students choose must reflect a career pathway, interests, and skills after careful consideration and discussion with a course counsellor. The electives subjects provided are those that will assist students to specialise in particular studies for VCE and VCAL/VET.

Preferences for electives must be considered carefully, especially second and third preferences as students cannot be ensured of their first choice.

It is important to note that Year 10 students may begin part of a VCE and or VET course. The VCE subject or VET course will take up the place of two semester based electives.

There is an additional permission process for those wanting to pursue a VCE or VET course during Year 10.

Details of the VCE subjects and VET courses are provided in separate handbooks and students must speak with the VCE and VCAL Co-ordinators about possible choices.

Students undertaking a VCE or VET course in Year 10 will be placed in a Year 11 class for the subject/course.

**Please note that all elective choice forms must be submitted by the due dates, including any VCE or VET selection forms. Failure to do so may prevent the allocation of initial choices.**

# Core Subjects

## English (full year)

---

Students will hone their skills in the detailed study of various texts, while focusing in written communication and oracy. All tasks are designed to consider purpose and audience. Students will also learn to respond critically to issues presented in the media.

Students will develop a folio of written pieces with evidence of the key elements of the writing process.

Students will read assigned texts and undertake written tasks that reflect their knowledge and analysis of the key themes and issues presented by the authors.

Students will explore a range of current media issues and develop an understanding of how writers use language to position and persuade readers. Students will use a current issue to analyse and respond in a detailed piece of writing.

Students will also study a film as text and use similar skills and strategies to analyse key themes and issues presented by the film maker.

In addition, students will maintain a workbook which will contain detailed, and organised notes during the study process. It will also contain all learning tasks assigned by teachers, as well as evidence of the writing process that includes drafts.

## Mathematics (full year)

---

Students will develop their mathematical knowledge and skills in the three streams offered at Year 10.

Foundation Maths will provide students with skills useful for daily life and those who do not require mathematics for their chosen pathway. Topics covered are data analysis, statistics, budgeting, banking, measurement, and geometry.

Mainstream Mathematics will prepare students for VCE General Mathematics. Topics covered are Pythagoras' Theorem, trigonometry, linear equations, statistics, simultaneous equations, business mathematics, and networks.

Enhanced Mathematics will prepare student for VCE Mathematical Methods and Further Mathematics. Topics covered are Pythagoras' Theorem, trigonometry, linear algebra, surds, simultaneous equations, indices, quadratic functions, and circular functions.

Students will be allocated to a particular class based on Year 9 exam results, performance in the NAPLAN, and other assessments. Individual teacher feedback and recommendations will also determine suitability for any one class.

An opportunity for students to move between the classes will be available in consultation with the Numeracy Leader, Maths Teacher, and progress made during the terms.

Students will demonstrate their knowledge and skills through Learning Tasks, unit tests, assignments, projects, and exams at the end of each semester.

## **Science (one semester)**

---

Students have the option to take the core Science subject in Semester One or Semester Two to allow for flexibility with elective choices.

Students will develop key knowledge and skill in understanding the value of scientific enquiry, science as technology, science and society, the applications of science in everyday life, people at work in science, and exploring science as a human activity.

Areas of study will include, Biology – Genetics, Chemistry – Chemical Patterns and Reactions, Physics – Forces, Energy, and Motion.

Students will complete experiments, practical reports, research assignments, topic tests, and an end of semester exam.

## **Humanities (one semester)**

---

Students have the option to take the core Humanities subject in Semester One or Semester Two to allow for flexibility with elective choices.

This subject builds upon students' knowledge and skills in understanding the past and present in order to make decisions about the future.

The range of topics in Humanities are, World War 1, Human Rights, Adolf Hitler and the lead up to World War II, Global Warming and Climate Change, Power and Politics, with a focus on world issues of terrorism, asylum seekers, global famine and foreign aid, government censorship, and human rights.

Students will undertake research assignments, Learning Tasks, collaborative group work, field work, note taking, topic tests, and an end of semester exam.

# Year 10 Electives 2019

## AVID: Preparation for VCE & Beyond (Full year elective)

---



### Course description

The AVID elective provides students with an opportunity to develop and enhance the academic skills required of VCE subjects, and later in universities and the workforce. Students will focus on Writing, Inquiry, Collaboration, Organisation, and Reading (WICOR). These will be further supported by academic note taking, presentations, tutorials and excursions to universities all of which, will better prepare students for future success.

The Year 10 AVID Elective is designed to support students who take a VCE subject in Year 10 by offering academic skills building and tutorials to support the demands of a VCE subject.

Students will undertake the Essential Academic Skills for University Readiness curriculum. This will also support students in planning for and investigating future academic pathways.

Assessment will be based on the students' application of the WICOR strategies as well as, assignments, management of an academic study binder, presentations, note taking, and excursions to universities to investigate university life.

### Learning Area: Advancement Via Individual Determination (AVID)

## History (One semester elective)

---

# HISTORY MATTERS

### Course description

Did you know that Charles Perkins, who went on to play soccer for Everton, was born at the Alice Springs Telegraph Station Aboriginal Reserve? That he would be the first indigenous person to graduate from an Australian University? That he would spend the rest of his life fighting against injustice?

Were you aware that the world's first full-length feature film was made in Australia in 1906? It was called The Story of the Kelly Gang.

What about the fact that Australian shows such as Neighbours and Home and Away, combined, have aired over 12,000 episodes in countries such as Iceland and Kenya?

Did you know that in 2017, the film and TV industry in Australia contributed 3 billion dollars to the Australian economy? That is a whole lot of pies and lamingtons!

Australia has an extraordinary history. There are dark, and shameful moments that we cannot ignore. Yet, there are moments for which we should be bursting with joy and pride.

Discover all this and more in Straya Mate. Students will explore the Aboriginal Rights Movement, The Stolen Generation, Indigenous protests, the impact of the US Civil Rights Movement in Australia, and its significant heroes.

Students will also study Australian Popular Culture through the birth of Australian TV and film, music, films, and sports. Significant people and events such as Hugh Jackman, Cate Blanchett, Muriel's Wedding, Priscilla Queen of the Desert, and AC/DC.

If you are keen to study History in VCE, then it is recommended you take this elective.

Assessment will be based on Learning Tasks, class activities and assignments, as well as an end of semester exam.

### Learning Area: Humanities

## Legal Studies (One semester elective)

---



### Course description

Did you know that you don't have to give your name and address to police officers, if asked, unless, they have a reasonable belief you have committed an offence (or are about to)?

Did you know that you can ask for the name, rank, and the police station and officer works at and that they are required to provide those details?

The aim of this elective is to provide students an opportunity to explore the law, the legal system, and learn about rights and responsibilities with the legal system.

So, take this elective if you want more handy legal tips and are interested in pursuing a career in the legal field. The course will cover such topics as, the individual and the law, law and enforcement, laws in operation, and mock court trials.

Students who are keen to study VCE Legal Studies are encouraged to take this elective.

Assessment will be based on Learning Tasks, class activities, note taking, presentations and an end of semester exam.

### Learning Area: Humanities

## Politics (One semester elective)

---



### Course description

Fact- there are over 45 parties currently registered in Australia. You can vote for the Cyclist Party, the Science Party, the Animal Justice Party, or you can even vote for the Pirate Party (not the sea pirates but those who want to be able to illegally download content for free!)

If none of these appeal to you, you could seriously start your own party – for \$500! What would it be?

Oh, and don't forget to vote once you turn 18! It is against the law not to vote!

Too much? This elective will help you navigate the Australian political landscape with an introduction to Political Studies.

Topics that will be covered are, the structure of the Australian political system, the role of political parties, the development of government policy, and the investigation of current political affairs and events, both locally, nationally, and internationally.

It is recommended that students wanting to study VCE Politics undertake this elective.

Assessment will be based on Learning Tasks, class activities, and an end of semester exam.

### Learning Area: Humanities

## Geography (One semester elective)

---



### Course description

Did you know that Australia's coastline has over 10,000 beaches (more than any country in the world)? If you were to visit a new beach in Australia every day, it would take you over 27 years! That's a whole lot of sand!

Discover what forces shaped these beaches and the coast. How can we preserve them to ensure everyone can enjoy them in the future?

Did you know that Australia is one of the world's most urbanised countries in the world? With over 80% of the population living in cities of 50,000 or more? This has caused some problems.

How can we ensure we have enough resources to go around? What is the impact of urbanisation and unemployment?

To discover the answers to these geographical problems and more, select this elective. The topics covered are, coastal landforms, beaches, and the power of the wind and waves, the impact of humans on coasts and beaches, human environments and the growth of cities, and Melbourne's future.

It is recommended that students wanting to study VCE Geography undertake this elective.

Assessment will be based on Learning Tasks, class activities, field observations, reports, and an end of semester exam.

### Learning Area: Humanities

# Philosophy (One semester elective)

---



## Course description

How do you know what is right or wrong? Students in this elective will explore their sense of identity, test their boundaries, and gain an understanding of their potential, and place in the world.

Philosophy can assist students' academic and personal development during times of change and growth.

Philosophy helps students to understand the universe and their place in it; it offers a rational approach to ethical decision making; helps to think critically and engage intellectually; it encourages the use of precise language and careful reasoning; it builds confidence and supports wise judgment; it also has highly transferable skills and attributes that can be applied to a range of career options.

Topics covered include, an introduction to philosophical method, moral language, ethical theories, and applied ethics with real life case studies.

Philosophy complements a range of other VCE subjects such as, Philosophy, History, English, Business Management, Legal studies, and Psychology.

Assessment will be based on Learning Tasks, case studies, and an end of semester exam.

## Learning Area: Humanities



## Forensics (One semester elective)

---



### Course description

From the crime scene to the courtroom, every contact leaves a trace. Learn how so many elements come into play when there is foul play at hand. Forensics is more than fingerprints. In fact, you will understand exactly what Abby, the forensic scientist, from NCIS, was talking about when describing her findings in the lab!

Students will learn about the role of a forensic scientist, and the history of forensic science and its importance in the court room.

Students will be able to discern between an eye-witness and an expert witness when it comes to solving criminal cases.

In addition, students will develop their knowledge about techniques in finger printing, blood grouping, DNA profiling, hair, fibre, and soil analysis, as well as, using impressions of teeth, shoes and lips. From there, students will delve deeper into finding out about chromatography and anthropology.

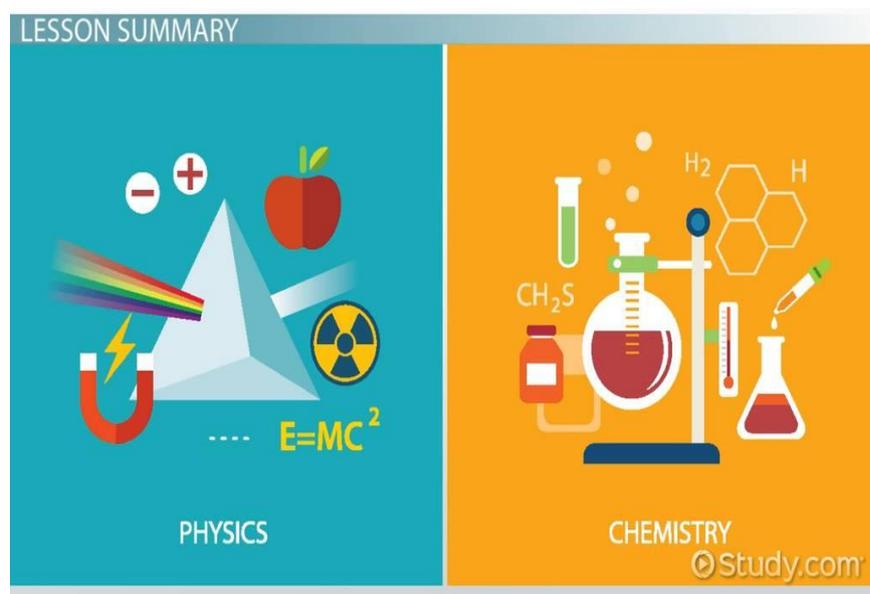
Students who want to study VCE Biology and Chemistry are encouraged to select this elective.

Assessment will be based on experiments, practical reports, research, topic tests and an end of semester exam.

### Learning Area: Science

## Physics and Chemistry (One semester elective)

---



### Course description

Ever wondered what Sheldon and Leonard talk about? Do you have what it takes to surpass Sheldon's belief that he is the only outstanding physicist on this planet?

Students will investigate the atom – electronic configurations, isotopes, and bonding. Students will also learn about Stoichiometry calculations, energy from the nucleus – radioactivity, nuclear fission and fusion, chain reactions, nuclear reactors, and the atom.

In addition, students will study medical physics – aspects of sounds and light, ultrasound, x-ray, radiotherapy, and radioisotopes. With Carbon Chemistry, students will focus on pathways and reactions.

Assessment will also be based on experiments, practical reports, research projects, topic tests, and an end of semester exam.

Students intending to undertake VCE Physics and or VCE Chemistry are recommended to take this elective in Year 10.

### Learning Area: Science

## Psychology (One semester elective)

---



### Course description

Why do we do what we do? What impacts our decisions, thoughts and feelings?

Students will learn the difference between psychology and psychiatry, the development of individual behaviour – nature versus nurture, sports psychology, clinical psychology, research, and adolescent health.

Students will complete research investigations, and learn and present about a field of psychology.

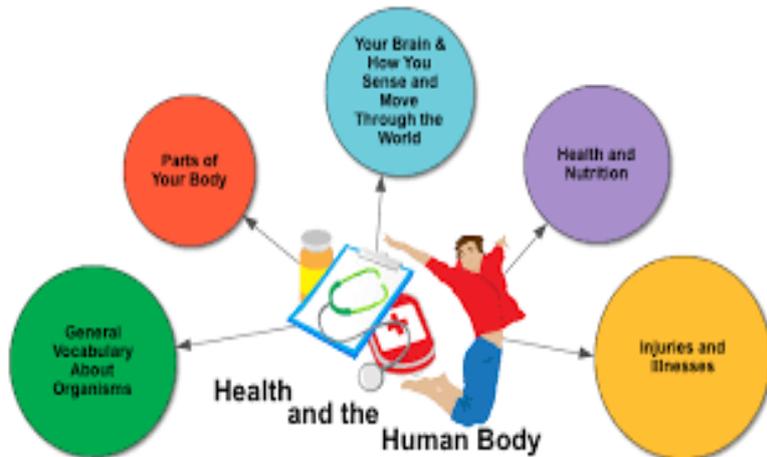
Assessment will also be based on reviews of research, completion of a scientific poster on a clinical disorder, research on risk taking behaviours during adolescence, and an end of semester exam.

Students intending to undertake VCE Psychology are recommended to take this elective in Year 10.

**Learning Area: Science**

# Health and Human Development (One semester elective)

---



## Course description

This elective develops an understanding of the many dimensions of health – physical, social, emotional, mental, and spiritual. The course had a direct link to the VCE subject of the same name and aims to prepare students for VCE.

Students will learn about the definitions of health status, measurements of health status, the differences between health and development, the stages of the lifespan, physical development, and the role of nutrition, low, middle, and high income countries.

In addition, students will learn about the role of The United Nations and the World Health Organisation as well as, understanding aid agencies and the assistance they provide.

Assessment will be based on class activities and exercises, investigation projects, presentations and evaluations.

## Learning Area: Health and Physical Education

## Physical Education (One semester elective)

---



### Course description

Through a range of sports, students will develop greater responsibility by taking on an instructional role for class members.

This elective also covers theoretical components which will provide the basis of knowledge required for students wanting to study VCE Physical Education.

Some of the practical topics are Thunderhoc, indoor and outdoor sports, and peer group instruction.

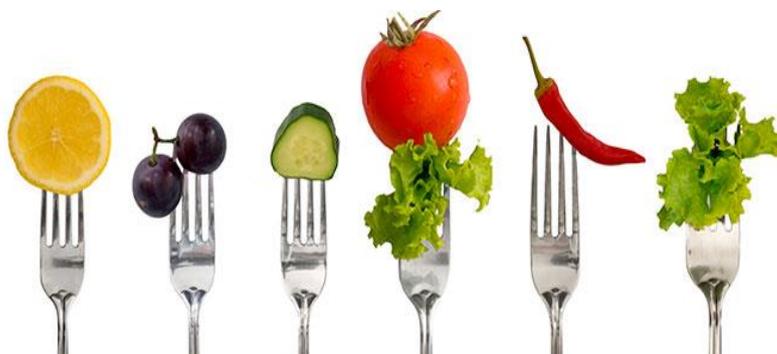
In addition, the theory topics will cover the skeletal system, muscular system, cardio respiratory system, and biomechanics. Students will learn about the nutrients required for energy production, the energy systems, fitness components, and performance enhancing behaviour.

Assessment will be based on classwork, Learning Tasks, Peer Instruction Lesson, an end of semester exam, as well as , 100% in practical participation.

### Learning Area: Health and Physical Education

## Food Studies (One semester elective)

---



### Course description

This elective will develop an understanding of health and nutrition in Australia. Students will learn about meal planning, budgeting, sustainability, and the influences on food choices – advertising and labelling.

Students will also examine modern Australia and its multicultural influences. There will be a focus on safe food handling, hygiene, safety, storage, preparation and cooking techniques.

Students will spend a significant proportion of class time on the theoretical components of the subject and some of the time in practical cooking sessions.

Assessment will be based on class work, investigation projects, and presentations, design briefs, written tasks as well as practical food production.

Students intending to take VCE Food Studies are encouraged to complete two semesters of Year 10 Food Studies.

**NOTE:** This elective has a fixed levy and must be paid in full prior to beginning the subject for the preparation and supply of ingredients.

### Learning Area: Food Studies

## **Product Design & Technology- Wood (Full year elective)**

---



### **Course description**

Students in this class will gain advanced skills and knowledge of joinery, and the safe use of portable power tools is a feature of this course.

Students will focus on the appropriate use of materials for specific purposes, enhanced problem solving skills, and develop an understanding of the relationships between materials, products, and design.

Students will develop an awareness of material costs, and apply accepted graphic techniques to designs, and to produce working plans.

Assessment will be based on the use of safe and skilful techniques, completion of all set practical work, completion of all homework and assignments.

Students intending to take VCE Wood are encouraged to complete Year 10 Wood.

### **Learning Area: Technology**

## **Product Design & Technology- Metal (Full year elective)**

---



### **Course description**

Students in this class will gain advanced skills and knowledge of designing products with metal. Students will manufacture core pieces of work to understand the manufacturing techniques, processes and procedures.

Students will apply written plans, measurements, and costing during the design process.

The course will cover the welding processes, types of sheet metals, cutting processes, cost analysis, sheet metal applications, testing metal strengths, and complex welding techniques.

Assessment will be based on written Learning Tasks, investigative activities, as well as practical projects.

### **Learning Area: Technology**

## **IDM – Video Production (One semester elective)**

---



### **Course description**

This is a practical project based introduction to video production, designed for students who are interested in pursuing further study in video or film production. It is preferable that students have undertaken the Year 9 IDM –video Production elective as this course will develop the skills gained through Year 9.

Students will use the Adobe suite of software, including the use of Adobe Premier Pro with the potential to explore Adobe audition for more advanced sound editing, and Adobe After Effects for special effects.

The course also encourages effective collaboration with peers and careful consideration of the final output of the video product to appropriate media formats.

The topics that will be covered are, script development, storyboarding, the operation of equipment, the principles of video editing, titles and special effects.

Assessment will be based on the completion and participation of theoretical class work and tests, practical class work and projects, effective use of software, and the collation of a digital portfolio of all preparation and final files.

Students wishing to pursue VCE Media are encouraged to select this elective.

### **Learning Area: Technology**

## IDM – Web Page Design (One semester elective)

---



### Course description

Students will learn about the Internet and its uses for business, education, and general advertising. Students will create their own presence on this medium by developing web pages using a variety of computer software tools and hardware.

The topics that will be covered are, how the internet works and its uses, Internet applications such as email, Web Browsers, and Web 2.0.

Students will create pages using Adobe Dreamweaver and MS Office software, as well as, manipulating images for display on web pages using graphic editing programs.

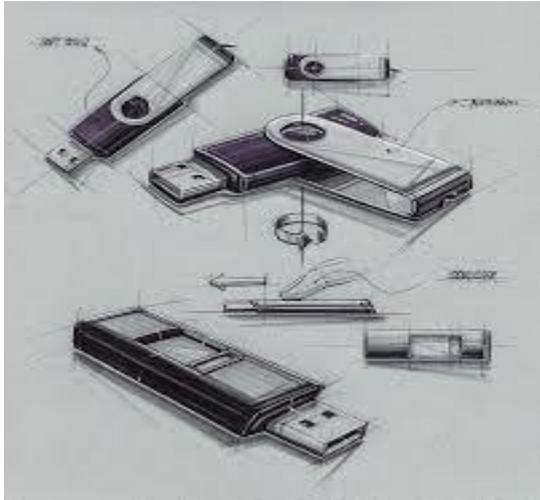
Assessment will be based on the completion and participation of theoretical class work and tests, practical class work and projects, and effective use of software.

Students wishing to pursue VCE Media are encouraged to select this elective.

### Learning Area: Technology

## Visual Communication & Design (One semester elective)

---



### Course description

This graphic communication course aims to provide students with the opportunity of developing their drawing and product information design skills by using a variety of media and design elements and principles.

Topics covered are, ellipses, oblique castle, castle design, board game design, board game surface graphics, shield design, and witch or wizard design.

Further areas of study will be house plan design, house elevations, builders' symbols, business cards, kitchens and display home poster.

Assessment will be based on completion of course work, demonstration of effective skills in the area, overall presentation of folio of work, homework tasks and the development of creative skills.

Students intending to pursue VCE Visual Communication and Design are encouraged to select this elective over two semesters.

**Learning Area: Art**

## Drawing and Painting - 2D Art (One semester elective)

---



### Course description

This elective aims to enhance knowledge of the visual language through the understanding of the elements and principles of 2D art.

Students will develop an ability to critically review and analyse artworks, as well as, develop their creativity and technical skills.

Students will experiment with a variety of media in projects. Students will learn about, tone, line, drawing from life and imagination, colour theory, painting, art history, use of a visual diary, print making techniques, and art theory.

This elective is particularly suitable for students who are keen to study Studio Arts at the VCE level.

Assessment will be based on practical work in a folio, theory tasks, and research tasks.

**Learning Area: Art**

## Ceramics and Sculpture – 3D Art (One semester elective)

---



### Course description

The aim of this elective is to enhance students' knowledge of the elements and principles of 3D art.

Students in this class will develop skills in drawing, design, and clay techniques. They will study the works of various artists and produce their own 3D pieces.

Some of the topics may include, 3D activities in paper and card, wire, and plaster, art studies and theory, and an annotated visual diary.

Assessment will be based on practical work sculptures, theory work, and a research assignment.

This elective is particularly suitable for students who are keen to study Studio Arts at the VCE level.

### Learning Area: Art

## Digital Photography (One semester elective)

---



### Course description

The aim of this elective is to provide training to owners of digital cameras. Participants will gain user friendly information and demonstrations designed to enhance knowledge and skills of basic digital photography, editing, and presentation. Students will also learn about basic computer imaging, including Photoshop.

Students will make and present photographs that explore themes, issues, and aesthetic considerations. They will structure and present photographs appropriate to chosen styles, forms, and demonstrate a range of skills, techniques and processes to control the medium.

Students will undertake a research assignment on purchasing a digital camera that meets the required criteria, and analyse the implications of moving from conventional to digital photography.

Assessment will be based on the creation of a digital portfolio, research assignments, analysis, and investigations.

### Learning Area: Art

## Multimedia (One semester elective)

---



### Course description

Multimedia looks at the combination of design, colour, form, text, and animation in today's digital world.

Students will look into the world of digital manipulation through basic animation, game creating, and 3D modelling. They will use a range of software including flash, Photoshop, and 3DS Max.

Students will create a basic animation, understand basic game rules in computer software to build a game, and create an original 3D model.

Assessment will be based on the creation of a portfolio, practical tasks, homework research assignments and tests.

Students wishing to pursue VCE Media Studies as an option are encouraged to select this elective.

### Learning Area: Art

## So You Wanna be a Rock Star? (Full year elective)

---



### Course description

Within a rock band setting, students will have the opportunity to learn one or more instruments including: Voice, Keyboard, Guitar, Bass Guitar or Drum Kit. In small rock band groups, students will be taught how to play the instrument of their choice with a view to performance.

Within this area of study, students will learn how to read, write, and analyse music. Students will also undergo an ear training and composition component.

It is strongly recommended that students select this elective if they intend selecting VET Music.

It is a prerequisite that students undertaking this subject will be enrolled in Instrumental Music lessons at the school, to develop the required skills.

This subject has a fixed levy of **\$140\*** per year.

\*This fee is subject to change.

**Learning Area: Art (Music - Group Performance)**

## Dance (One semester elective)

---



### Course description

The Year 10 Dance elective aims to develop technical and physical skills such as balance, control, and flexibility.

Students will work towards creating short duet or trio routines through expressive intention and choreographic devices.

They will learn skills in relation to space, aerial and floor pathways, stage direction and positioning.

Students will also experience performance management, props, costumes, lighting, sound, and set design.

Assessment will be based on technique, choreography, dance history, incursions, excursions, and performance. Students must participate 100% in all practical classes.

**Learning Area: Art (Performing)**

## Drama (One semester elective)

---



### Course description

The Year 10 Drama course focuses on developing students' expressive and performance skills by introducing them to a range of dramatic styles and techniques. Theatre styles from all over the world will be explored through practical workshops and research tasks.

Students will study Australian theatre, looking at character development, stagecraft elements, dramatic elements, performance analysis, and expressive skills.

From there, students will go on to learn about non-naturalistic artists such as Brecht.

They will be introduced to complex playmaking techniques with a view to develop and create an ensemble and solo performance.

Assessment will be based on a folio of drama notes, participation in all class activities and active participation in all performances, research assignments. There will also be live theatre performances to attend.

### Learning Area: Art (Performing)