

# Years 9 & 10 Elective Choices 2017



HARRISON  
SCHOOL

Parents/Carers: Staff are available to help. Please contact the elective teacher or alternatively the team leader (Rachel Kane) via email or call on 61422200 to arrange an appointment if you would like assistance or advice on elective choices. We look forward to working with you on developing your child's Elective Program.

Students: We encourage you to talk to teachers and your parents to assist you in making decisions about the courses you would like to participate in 2017. Choose electives that build on your strengths and interests, and prepare you for future study and career options. Please read this information page thoroughly, follow procedures and meet deadlines. Pay attention to the information stating when the elective is offered and if there is a required prerequisite class. Not doing this may result in you having fewer choices and possibly not being able to get your first choice.

## What is on offer and is there a cost?

In this booklet you will find descriptions of the elective choices offered at Harrison School for students in Years 9 and 10 for 2017. Not all the courses listed will run, changes may occur without notification based on staffing and student enrolment numbers. Courses will only run if adequate student/teacher ratio is achieved. These ratios vary depending on the course. To provide a rich and diverse experiences for students some courses require additional costs to purchase a range of resources. Parents will receive an invoice requesting to pay voluntary contributions that will go directly towards the cost of the course. Involvement in enrichment activities/excursions is optional in courses where additional cost associated with these is indicated.

## Guidelines:

- You cannot repeat an elective unit ie study the same unit more than once.
- Prerequisite means you must have already completed the subject listed
- We will endeavour to place you in your first or second choices however due to demand, class sizes and the need for you to have a balanced educational program we may not be able to do so for all electives.
- Each student will be selecting for the whole year (semester 1 and semester 2)

## How and when do I choose my electives?

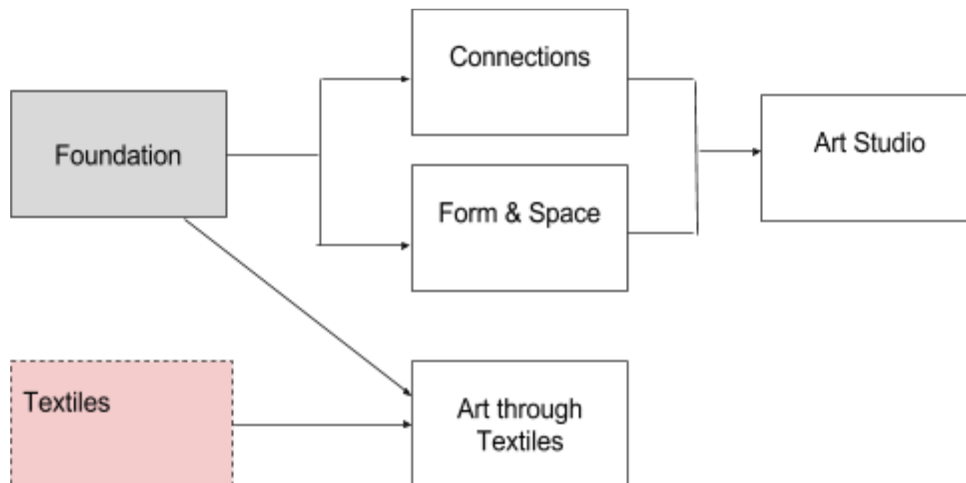
The electives will go live on Webchoice on **Wednesday 2 November** and close **Wednesday 9 November at 11am**. Use this time to talk to parents and friends about choices. It does not matter when you enter your preferences into WebChoice. What does matter is that you do it BEFORE CUT OFF - **Wednesday 9 November at 11am**

1. Login using the webcode supplied by your HOMEROOM TEACHER and make your choices by the due date. If you do not have internet at home please use PLC time to do this.

- Record your first 8 preferences for the year. Make sure YOU DO NOT ENROL in an ELECTIVE YOU HAVE ALREADY DONE and check the prerequisite. Don't forget you will be choosing for both semester 1 and 2.
- All late submissions will be done manually. Please contact [Rachel.Kane@ed.act.edu.au](mailto:Rachel.Kane@ed.act.edu.au) if you miss the deadline. **WARNING: IF YOU MISS THE DEADLINE YOUR CHOICES WILL BE LIMITED TO AVAILABILITY ONLY**

## THE ARTS

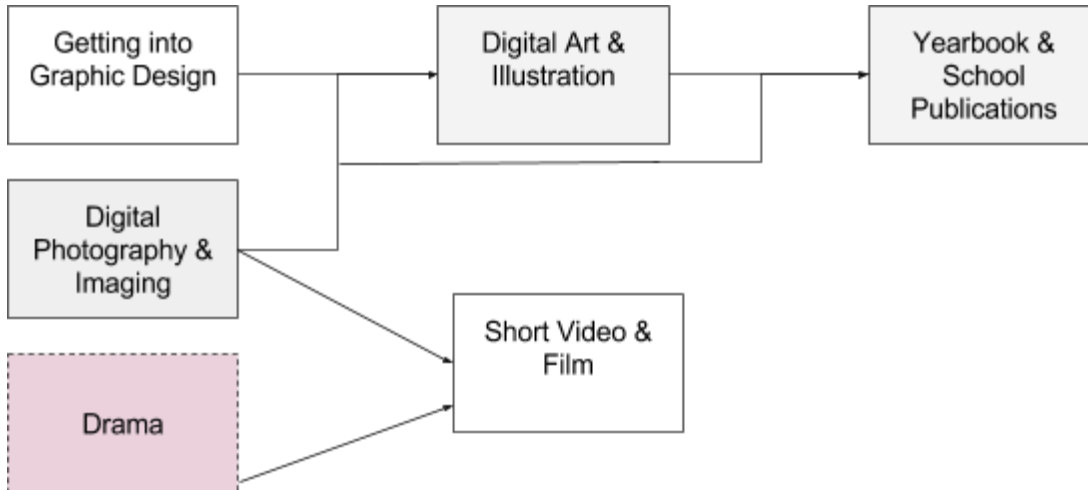
### Visual Arts



<b><i>Visual Art Foundation</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: \$20</i></b>
<p>In this unit you have opportunities to create art as well as appreciate and understand the work of artists and designers. You will gain knowledge and skills in art and design as you explore materials, develop skills and techniques to represent your ideas, develop expression, imagination, problem solving skills and creativity. You have the opportunity to draw, paint, print, and model. Through research and preparation for artworks you explore aspects of art, culture, society and environment to inform your own art making.</p>		
<b><i>Exploring Form and Space</i></b>	<b><i>Prerequisite: Foundation</i></b>	<b><i>Contribution: \$20</i></b>
<p>In this unit you have opportunities to make and respond to works of pottery and sculpture. You will learn fundamental knowledge and skills about art and design as you explore clay, wood, wire and recycled materials. The unit involves developing your own ideas, expression, imagination, problem solving skills and creativity. Through research and preparation and for making making sculpture and pottery, you explore aspects of art, culture, society and environment to inform your own art making.</p>		
<b><i>Making Art Connections</i></b>	<b><i>Prerequisite: Foundation</i></b>	<b><i>Contribution: \$20</i></b>
<p>In this unit, you build upon knowledge about art and design processes and skills and techniques with materials and equipment acquired in a previous Visual Arts unit. You have the opportunity to develop selected themes, concepts and subject matter for your artmaking. You can explore your ideas in a range of media as you examine artworks by other artists to enrich your own artmaking.</p>		
<b><i>Art Studio</i></b>	<b><i>Prerequisite: Making Art Connections or Form &amp; Space</i></b>	<b><i>Contribution: \$20</i></b>
<p>Visual Art - Studio is a unit for you if you have successfully completed Visual Art Foundation or the Pottery and Sculpture unit as well as the Making Art Connections unit. You refine your skills and techniques in a particular medium as you explore a range of themes, or alternatively, explore a particular theme or concept through a range of different media. It is a unit intended for those serious about further study in Visual Art or Design related area and wish to develop a portfolio.</p>		

<i>Art Through Textiles</i>	<i>Prerequisite: Previous Textiles or any Visual Art unit</i>	<i>Contribution: \$20</i>
<p>Explore textiles materials for art and fashion. Create designs for textiles, including screen prints for fabric. Use textile materials to create objects; practice drawing for fashion and object design. Through research and preparation and for making making textile pieces, you explore aspects of art, culture, society and environment to inform your own art making.</p>		

## Digital Arts



<i>Getting into Graphic Design</i>	<i>Prerequisite: None</i>	<i>Contribution: \$15</i>
<p>In this unit you are introduced to skills and techniques with Adobe Software, Mac computers, learning about principles of design and layout with text, graphics and images. You explore digital works as works of art and as communication. As you make digital media, you explore media conventions and meaning and interpretation. You have the opportunity to learn about social, cultural and historical influences and representations in media arts. Students continuing media arts subjects from previous bands build upon their understanding of the roles of digital artists as they explore a particular form in greater depth.</p>		

<i>Digital Photography &amp; Imaging</i>	<i>Prerequisite: None</i>	<i>Contribution: \$15</i>
<p>Working individually and in groups, using DSLR cameras and Photoshop software on Mac computers, you design and produce photographic works for different audiences and contexts. You learn how to take control of the camera as you explore photography both as an art form and as visual communication. You learn how to adjust, manipulate and manage images. You analyse and evaluate how meaning, values and points of view are conveyed in the photography you make and view.</p>		

<i>Digital Art and Illustration</i>	<i>Prerequisite: Digital Photography or Graphic Design or portfolio</i>	<i>Contribution: \$15</i>
<p>This unit is for you if you have successfully completed Digital Photography and Digital Imaging, or Graphic Design. You have the opportunity to develop and refine skills in either digital Illustration (perhaps combined with traditional media) learning skills with Adobe Illustrator and Photoshop, or with in Photo manipulation and compositing. You examine and analyse the work of selected illustrators and digital artists to inform and enrich your own work.</p>		

<i>Short Video &amp; Film</i>	<i>Prerequisite: Media Arts unit or Drama unit</i>	<i>Contribution: \$20</i>
<p>Create a story for the big screen. Learn film acting, writing and production techniques, then shoot your short film adventure. Work in groups to explore the process of filmmaking and to develop an original</p>		

short film. You will learn about the various roles in the creative and production process of short feature films. Turn your imagination into the next mini blockbuster, as you explore the world of Spielberg, Tarantino, and Luhrmann. Here's your chance to develop, rehearse and shoot a short film.

<i>Yearbook &amp; School Publications</i>	<i>Prerequisite: Digital Photography &amp; Graphic Design units</i>	<i>Contribution: \$15</i>
<p>Develop and refine your graphic design and communication skills as you assist with the layout and design of the Yearbook and other school print or screen requirements. You will liaise with staff and students expected to be proactive in sourcing copy and capturing images for publication.</p>		

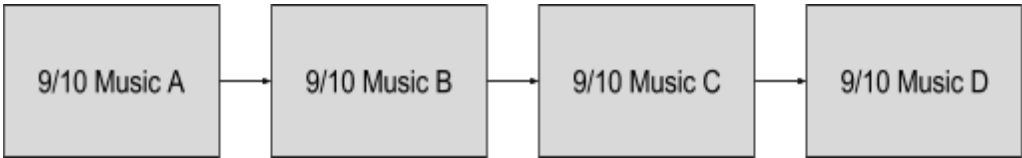
## Dance



<i>Dance A</i>	<i>Prerequisite: None</i>	<i>Contribution: Nil</i>
<p>Students will be engaged in investigations of the elements of dance. They will learn basic steps in a variety of styles (style-specific techniques) while developing safe dance techniques. Students will have the opportunity to develop, choreograph, perform, reflect and appreciate various dance forms. Activities are aimed to develop understanding of the elements of dance including space, time, dynamics and relationships and how these elements work together to convey expression and meaning.</p>		

<i>Dance B</i>	<i>Prerequisite: Dance A</i>	<i>Contribution: Nil</i>
<p>Students will be engaged in investigations of the elements of dance. They will learn basic steps in a variety of styles (style-specific techniques) while developing safe dance techniques. Students will have the opportunity to develop, choreograph, perform, reflect and appreciate various dance forms. Activities are aimed to develop understanding of the elements of dance including space, time, dynamics and relationships and how these elements work together to convey expression and meaning.</p>		

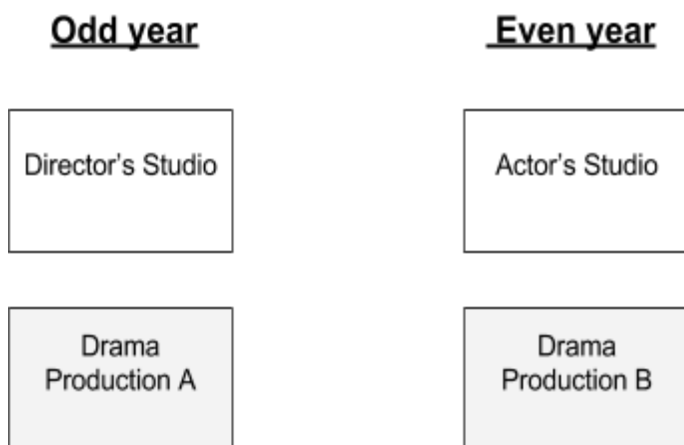
## Music



<i>Music A-D</i>	<i>Prerequisite: None</i>	<i>Contribution: Nil</i>
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Katy Perry wants to hear you roar! Music students will have the opportunity to learn about the history, theory and technical elements within a set topic. As independent learners, students integrate listening, performing and composing activities. These activities, developed sequentially, enhance their capacity to perceive and understand music. As students' progress through studying Music, they learn to value and appreciate the power of music to transform the heart, soul, mind and spirit of the individual. In this way, students develop an aesthetic appreciation and enjoyment of music.

## Drama



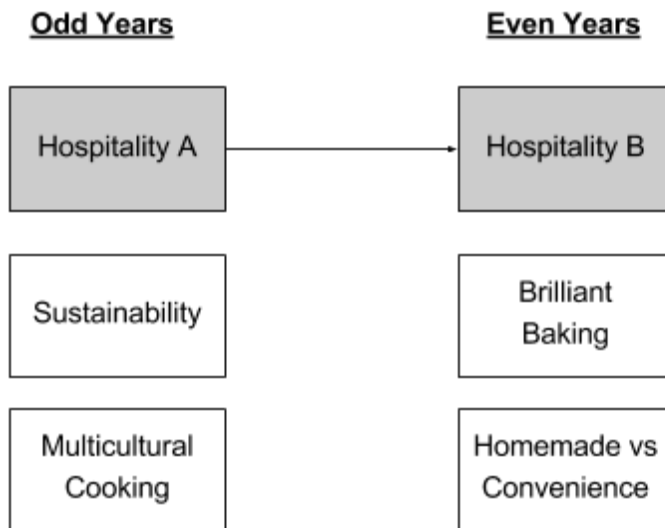
<b><i>Actor's Studio</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: \$5</i></b>
A comprehensive course to develop performance skills including improvisation, voice and movement devising, acting and rehearsing scenes. Consider the elements that contribute to the physical realisation of a performance. Explore stories, ideas and narrative scene work through improvisation. Learn how to develop a monologue for auditions. Apply acting, voice and movement practice to a short scripted, live presentation.		

<b><i>Director's Studio</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: \$5</i></b>
A comprehensive course to develop directing skills and expand your performance toolbox. Consider the elements that contribute to creating theatre for performance. Each student will have an opportunity to direct a group of students to achieve a set performance. Learn how to direct others through their use of voice and movement to create a short scripted piece for performance.		

<b><i>Drama Production A and B</i></b>	<b><i>Prerequisite: At least one other Drama Unit</i></b>	<b><i>Contribution: \$20</i></b>
A specialised course providing students with a unique opportunity to create a production for performance. Discover how to interpret scripts and learn lines effectively. Create a fully developed character, rehearse and perform with a group of people to create a memorable production. Students participating in this unit will be expected to perform as part of the school production. This will include both evening and matinee (day) performances. Students will develop a performance as part of the group. They will be required to participate in rehearsals during class time and some lunch times.		

# TECHNOLOGIES

## Food Technology



<b><i>Sustainability</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: \$45</i></b>
<p>What is sustainability and how does it relate to what we eat? How can you buy “fair food” that is sourced ethically and why does it matter if our food is genetically modified? During this semester students will investigate how sustainable, organic and fair trade food solutions impact local and global communities and how these food issues affect price, availability and individual citizens. Assessment includes a research assignment on Sustainability and the Environment, regular practical tasks and a major project on fair trade food. Students will use the design process to select, combine and cook appropriate ingredients using tools and equipment to effectively and safely make designed solutions.</p>		

<b><i>Multicultural Cooking</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: \$4</i></b>
<p>What does your culture taste like? Students will go on a journey around the world, sampling different ingredient combinations from the Middle East to Malaysia, Africa to Amsterdam and India to Indonesia as well as many other unique and exotic places. They will look at factors that impact on design solutions and production processes including social, ethical and sustainability considerations.</p> <p>They will design a family culture cookbook detailing their history and special recipes through a unique and personal presentation developed in consultation with the teacher.</p>		

<b><i>Brilliant Baking</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: \$45</i></b>
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Throughout this unit, students will explore the baking process and look at what foods can be baked. They will make cakes, quiches, slices and gourmet pizza's and learn to make coffees and hot chocolates. There will be a focus on designing and decorating cakes and students will design a unique signature dish every fortnight. They will also enter a baked dish in the Royal Canberra Show. Students will understand the functions of ingredients in foods and be confident in using equipment such as ovens, to create products with consideration of sustainability, ethical and social factors.

**Homemade Vs Convenience**

**Prerequisite: None**

**Contribution: \$45**

Students will be amazed at the difference between the taste, cost and nutritional value of homemade food compared to convenience meals. Is faster better? Over the semester students will make a variety of foods including pasta, ice cream and hamburgers. They will work on a major project about convenience food production and by the end of the semester will be making more informed food choices.

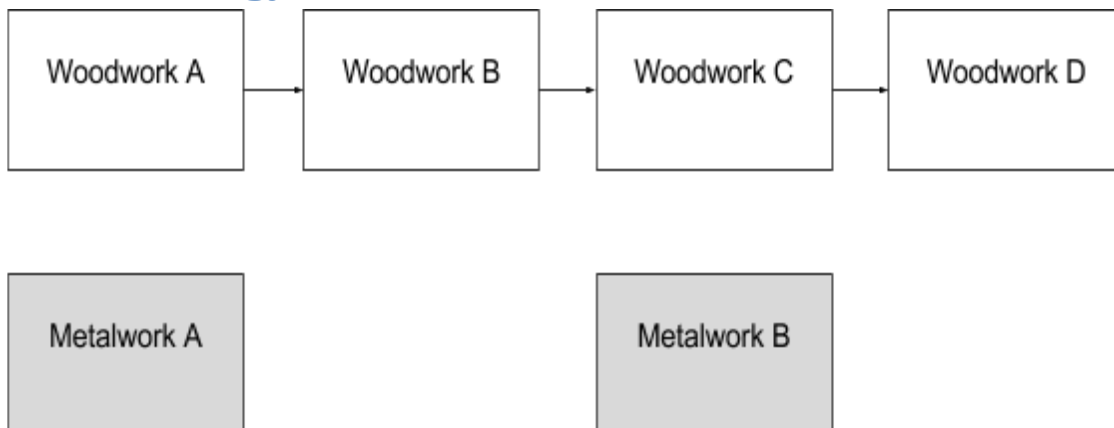
**Hospitality Skills**

**Prerequisite: None**

**Contribution: \$45**

During this unit students will have opportunities to learn about the hospitality industry and develop skills for college hospitality courses. Students will develop food preparation and presentation skills through a range of experiences using a variety of equipment including canape menu planning and special dietary requirements. Through participation in practical lessons students will have the opportunity to develop employability skills for the hospitality industry.

## Design Technology





<b>Woodwork A</b>	<b>Prerequisite: None</b>	<b>Contribution: \$30</b>
<p>This is a practical unit that develops skills to design and construct a step ladder using various timbers and also introduces you to woodworking applications. You will learn how to design and construct a step ladder that fulfils functional needs. You will also have the opportunity to gain further experience on the wood turning lathe. You will learn various techniques to develop your woodworking skills that lead onto college or a particular vocation.</p>		

<b>Woodwork B</b>	<b>Prerequisite: Woodwork A</b>	<b>Contribution: \$30</b>
<p>This is a practical unit that develops skills to design and construct a picture frame key box using various timbers and you will be introduced to woodworking applications. You will learn how to design and construct a picture frame key box that fulfils functional needs. You will also have the opportunity to gain further experience on the wood turning lathe. You will learn various techniques to develop your woodworking skills that lead onto college or a particular vocation.</p>		

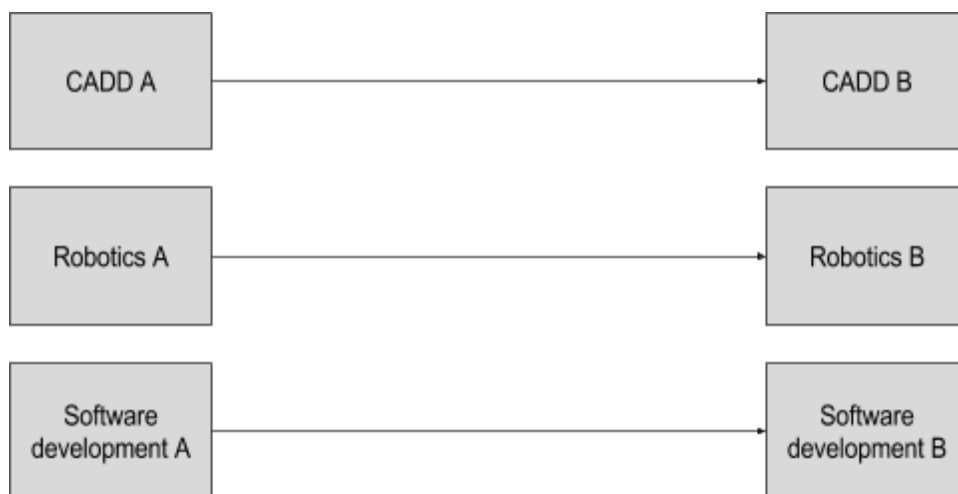
<b>Woodwork C</b>	<b>Prerequisite: Woodwork B</b>	<b>Contribution: \$30</b>
<p>This is a practical unit that develops skills to design and construct a table using various timbers and will also introduce you to woodworking applications. You will learn how to design and construct a table that fulfils functional needs. You will also have the opportunity to gain further experience on the wood turning lathe. You will learn various techniques to develop your woodworking skills that lead onto college or a particular vocation.</p>		

<b>Woodwork D</b>	<b>Prerequisite: Woodwork C</b>	<b>Contribution: \$30</b>
<p>This is a practical unit that develops skills to design and construct a cabinet with pin joints using various timbers and you will also be introduced to woodworking applications. You will learn how to design and construct a cabinet with pin joints that fulfils functional needs. You will also have the opportunity to gain further experience on the wood turning lathe. You will learn various techniques to develop your woodworking skills that lead onto college or a particular vocation.</p>		

<b>Metalwork</b>	<b>Prerequisite: None</b>	<b>Contribution: \$30</b>
<p>This is a practical unit which gives you the skills to construct projects using metal including a hammer and a toolbox. You will learn various techniques to develop your fabrication skills. This unit also introduces you to metalworking applications in the home and industry.</p>		

<b>Jewellery Making</b>	<b>Prerequisite: None</b>	<b>Contribution: \$30</b>
<p>This practical unit gives you the skills and techniques to design and construct jewellery projects including bracelets and earrings. You will learn various techniques to develop your fabrication and design skills.</p>		

## Digital Technologies



<b>Computer Aided Drawing (CADD) A</b>	<b>Prerequisite: None</b>	<b>Contribution: \$15</b>
<p>Computer Aided Drawing and Design is an exciting course offered by the Technology department. You learn how CAD allows the operator to accurately draw everything from Lego bricks to houses using up-to-date software on desktop computers. You will be coached in the use of SketchUp and introduced to AutoCAD. You will have opportunities to use a 3D printer. Students who enjoy architecture may find this course useful.</p>		

<b>Computer Aided Drawing (CADD) B</b>	<b>Prerequisite: CADD A</b>	<b>Contribution: \$15</b>
<p>Computer Aided Drawing and Design is an exciting course offered by the Technology department. Emphasis will be placed on coaching you in the use of AutoCAD on desktop computers. You will be designing, drawing and modelling, and given opportunities to use the laser cutter and 3D printer. This unit assumes some prior experience in CAD. Students who enjoy architecture may find this course useful.</p>		

<b>Robotics A</b>	<b>Prerequisite: None</b>	<b>Contribution: \$30</b>
<p>Robotics is a STEM (Science Technology Engineering and Mathematics) course where students will develop skills and knowledge on autonomous robotic programming. In Year 9/10 Robotics students will learn the to build and program robots to complete a series of complex challenges, such as rescuing a lost victim, playing robotic soccer and completing a project of their own design. Students will be learning the structure of the programming language RobotC, and will be able to start designing and including 3D printed parts into their robots.</p>		

<b>Robotics B</b>	<b>Prerequisite: Robotics A</b>	<b>Contribution: \$30</b>
<p>Robotics is a STEM (Science Technology Engineering and Mathematics) course where students will develop skills and knowledge on autonomous robotic programming. Students will advance their understanding of robotic solutions and coding by learning how to use the more complex aspects of the Robot C programming language and will be exploring development and creation of Arduino based robots.</p>		

<b>Software Development A</b>	<b>Prerequisite: None</b>	<b>Contribution: Nil</b>
<p>During this unit students will have opportunities to learn about designing, programming and evaluating computer programs. Students will be learning the programming language "Python" which is used by many modern applications such as programs by Google, games such as World of Warcraft and the</p>		

Battlefield series and 3D imaging programs like Blender. This course will greatly assist students who are considering studying Information Technology at Gungahlin College.

***Software Development B***

***Prerequisite: Software Development A***

***Contribution: Nil***

In Software Development B, students will learn how to use the Unreal Engine to design 2D and 3D computer games. Students will be learning about the theory of game design, and narrative through gaming while they develop their projects. Students will also be learning the programming language Javascript as they will need to code various features and functions in their games.

## Textiles

### Odd Years

Environmental  
Sustainability

Designers &  
Design

### Even Years

Who made my  
clothes?

The real cost of  
fashion

<i>Environmental Sustainability</i>	<i>Prerequisite: nil</i>	<i>Contribution: \$20</i>
<p>We are all textile and fashion consumers. Students will be challenged to review their textiles use from an environmental sustainability perspective. They will have opportunities to learn sewing machine and hand sewing techniques to enable them to recycle or upcycle textile items. Students will design and make products with environmentally sustainable practices evident in their work. They will communicate and evaluate their design solutions using technical symbols and terms, and detailed annotated concept sketches and drawings in a design portfolio.</p>		

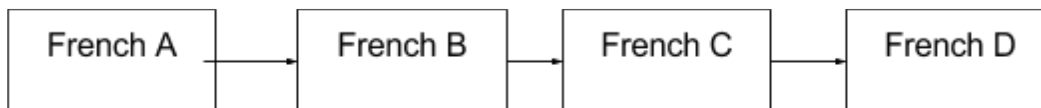
<i>Designers &amp; Design</i>	<i>Prerequisite: nil</i>	<i>Contribution: \$20</i>
<p>Students will have the opportunity to learn about the creative process of design in the work of textiles designers, in particular Australian designers. They will produce items inspired by an Australian designer. Students will communicate and evaluate their design solutions using technical symbols and terms, and detailed annotated concept sketches and drawings in a design portfolio.</p>		

<i>Who made your clothes?</i>	<i>Prerequisite: nil</i>	<i>Contribution: \$20</i>
<p>Have you ever thought about who makes the clothes you buy? Students will explore behind the scenes of the fashion industry and be challenged to consider their needs and wants before they buy their next fashion or clothing item. Mass production processes will be a focus throughout the semester. Students will plan and participate in a 'Sweatshop for a Day' incursion and plan and produce small items suitable for a Market Stall. They will communicate and evaluate their design solutions using technical symbols and terms, and detailed annotated concept sketches and drawings in a design portfolio.</p>		

<i>The real cost of fashion</i>	<i>Prerequisite: nil</i>	<i>Contribution: \$20</i>
<p>Students will investigate past, present and possible future textile fabrics, tools and equipment and the impact these have on design solution. They will have the opportunity to learn how to identify and choose appropriate material and tools for the end use of a product. Students will design and make products using appropriate material, tools and equipment for the type of material used and its end use. For example lycra for sportswear, modern wool fabrics or polar fleece for outdoor wear. <b>Students may choose to purchase their own material for their project</b> as only a limited range of fabric will be available. They will communicate and evaluate their design solutions using technical symbols and terms, and detailed annotated concept sketches and drawings in a design portfolio.</p>		

## Languages

### French



<i>French</i>	<i>Prerequisite: None</i>	<i>Contribution: Nil</i>
<p>French will focus on how to communicate in French with language based on a topic eg ordering and buying food, travelling and getting around town and describing people. French students also learn the grammatical structures of the language. This allows learners to create their own sentences and</p>		

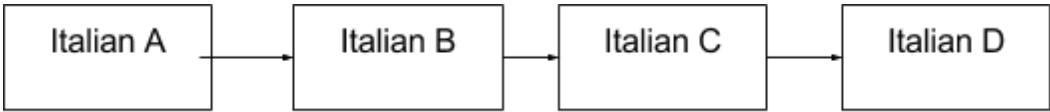
communicate effectively by discussing and asking what food people like, what activities they do and who is in their family.

Students will also become familiar with French culture, customs and traditions by studying topics such as famous people and places of interest.

Online resources are used often to learn, practise and consolidate new vocabulary and grammatical structures. Resources such storyit and tellagami also allow students to speak and listen to their language and share with other learners.

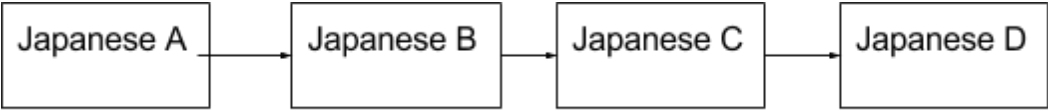
Students continuing from year 7/ 8 will deepen knowledge and understanding of French by learning more advanced grammatical structures and tenses as well a wider range of vocabulary and spoken French.

# Italian



<i>Italian</i>	<i>Prerequisite: 7/8 Italian</i>	<i>Contribution: Nil</i>
<p>The language and culture learned in Italian will continue to be based around a topic – eg: ‘famous people’ or ‘places of interest’. Beginning students will learn to say and use basic words and phrases with correct grammar and pronunciation, as well as learning about the culture.</p> <p>Continuing students will learn more complex grammar and vocabulary and will use this in simple oral and written conversations. They will communicate and practice understanding the verbal language by listening and responding to the teacher using basic Italian phrases.</p> <p>Students will use lots of games and group activities for learning. They will also use free technology like Quizlet and Duolingo to help them learn vocabulary and grammar constructs at their own pace. With small class sizes, students may be expected to study independently of an Italian teacher during some of their lessons.</p> <p>And of course... no Italian course would be complete without pizza to celebrate great learning!</p>		

# Japanese

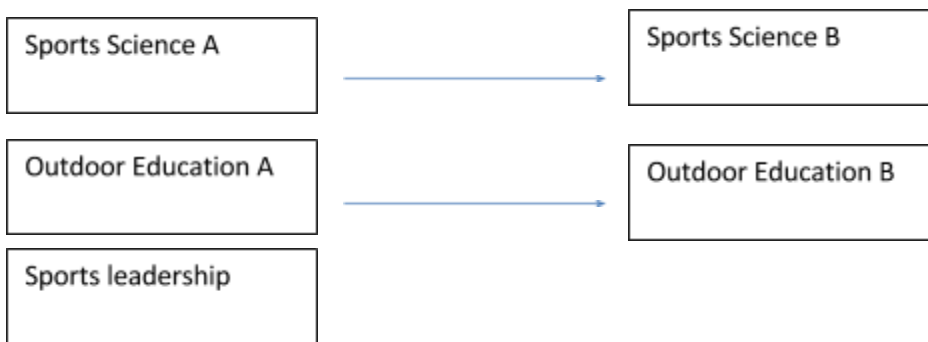


<i>Japanese</i>	<i>Prerequisite: 7/8 Japanese or willingness to learn</i>	<i>Contribution: Nil</i>
<p>In Year 9/ 10 Japanese, we are going to explore the depth of learning Japanese, and it is the most exciting grade to learn this language. Upon completion of this course, you will notice how much you can “express” yourself in a totally foreign language from English. The difference between Australian culture and Japanese</p>		

culture is very deep; everything can be different. That is why you are going to be a very skillful person to be able to show intercultural understanding to any people in the world “through” learning Japanese. Any people who consider this subject are recommended to have a good understanding of Hiragana and preferably Katakana, but your motivation is most important. If you are committed, you can catch up with prerequisite knowledge within a month, and past students have proved this. It is recommended that you continue this program for at least a year. During Term 1, it is going to be adjusted for everyone’s needs then it will move onto whole class lessons. Do not be afraid of learning this language: I will support you.

## OTHER

### Physical Education



<i>Outdoor Education A</i>	<i>Prerequisite: None</i>	<i>Contribution: \$210</i>
<p>Harrison 9/10 Outdoor education builds on the skills and knowledge learnt in 7/8 Outdoor education. Students will be extended in variety of different outdoor activities, this semester includes; snorkelling, fishing, mountain biking, orienteering, hiking and bush first aid. The program has a strong emphasis on teamwork and safety in the outdoor setting. A pass in the course is subject to active participation and attendance of classes, practical excursions and the submission of all related course work. If there is a financial concern with meeting these expectations please contact the school.</p> <p>Enrichment trips:            Day trips: 2 day/ 1 night Snorkelling \$140, , 1 day Mountain Biking \$30, 2 day/1 night Hiking \$50            (All prices are approximate and may need to change depending on numbers).</p>		

<b>Outdoor Education B</b>	<b>Prerequisite: None</b>	<b>Contribution: \$380</b>
<p>Harrison 9/10 Outdoor education builds on the skills and knowledge learnt in 7/8 Outdoor education. Students will be extended in variety of different outdoor activities, this semester includes; abseiling, caving, orienteering, survival techniques, x-country skiing and river canoeing. The program has a strong emphasis on teamwork and safety in the outdoor setting. A pass in the course is subject to active participation and attendance of classes, practical excursions and the submission of all related course work. If there is a financial concern with meeting these expectations please contact the school.</p> <p>Enrichment trips  Day trips: 2 day/ 1 night Abseiling \$100, , 2 day/1 night X-Country Skiing \$80, 2 day/ 1 night Survival Camp \$50 and 2 day/ 1 night river canoeing trip \$150.  (All prices are approximate and may need to change depending on numbers).</p>		

<b>Sports Science A</b>	<b>Prerequisite: None</b>	<b>Contribution: Nil</b>
<p>Sport Science A focusses on the human body, its systems and how it moves in relation to sporting activities. Although predominantly a theory based subject students will participate in practical labs to support and consolidate their learning and understanding. The following topics will be covered;</p> <ul style="list-style-type: none"> <li>● Introduction to fitness testing – Fitness components and conducting testing</li> <li>● Introduction to Training principles and methods – develop training programs</li> <li>● Skeletal system - function and structure, recognition of major bones and joints</li> <li>● Structure and function of the circulatory and respiratory systems</li> <li>● Introduction to exercise physiology and biomechanics (effects of exercise)</li> <li>● Talent Identification for sport</li> <li>● Energy systems and their role in exercise</li> </ul> <p>This course would be beneficial to students interested in the Human body, Sport and Recreational settings, Medical, Health, Sciences or Forensics</p>		

<b>Sports Science B</b>	<b>Prerequisite: Sports Science A</b>	<b>Contribution: Nil</b>
<p>This course further explores the human body in relation to the following areas;</p> <ul style="list-style-type: none"> <li>● Management and treatment of sports injuries (including first aid component)</li> <li>● Sports Nutrition (pre and post competition, effect of food on performance and recovery)</li> <li>● Muscular system - names, locations and actions and different muscle types</li> </ul> <p>Preparation and Recovery for sport:</p> <ul style="list-style-type: none"> <li>● Introduction to Biomechanics and video analysis of sport</li> <li>● Training principles and methods – understanding how to develop sport specific training programs</li> </ul> <p>This course would be beneficial to students interested in the Human body, Sport and Recreational settings, Medical, Health, Sciences or Forensics.</p>		

<b>Sports Leadership</b>	<b>Prerequisite: None</b>	<b>Contribution: Nil</b>
<p>Students will learn about the basics of coaching, sports administration and leadership. They will assist in the preparation and running of school carnivals. Students will plan and develop coaching sessions with</p>		

younger students. They will take on leadership roles and help design and implement intra-class competitions.

## OTHER



<b><i>Legal Studies</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: Nil</i></b>
<p>Legal Studies will give students an introduction into the operation of the legal system in Australia and internationally. Students will explore areas of crime and justice and how these influence society and culture. The course will enable students to develop their inquiry and critical thinking skills through consideration of real life and hypothetical situations. Students will undertake a range of activities such as problem solving, mock trials, debates, investigations, research, discussions and case studies.</p>		

<b><i>Business Studies</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: Nil</i></b>
<p>This course will cover business operations and management theory and practice. Students will have the opportunity to manage and operate their own business within the school. Students who are planning a career in business or those who plan to run their own business or be part of a business administration team will benefit from this course. While there is a large amount of theory to cover, there is also an exciting practical element to the course.</p>		

<b><i>Forensic Science</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: Nil</i></b>
<p>Students will learn what forensic science is and how the work of forensic scientists compares to that of characters in the popular TV shows and movies; something that will encourage students to study forensic science in future. Students will learn that forensic technology and methods have changed over time. Students will also learn about and consider the sorts of ethical issues related to forensics, in particular the issue of DNA data banks. Students will also gain knowledge of careers in forensics and the important role these careers play in society.</p>		

<b><i>Learn RITE</i></b>	<b><i>Prerequisite: None</i></b>	<b><i>Contribution: Nil</i></b>
<p>Challenge yourself physically, mentally and emotionally to achieve your dreams through a variety of opportunities. Be a part of the research and creation of something that drives your passion. Develop core strengths in values with a focus on Respect, Integrity, Teamwork and Endeavour. This course would be beneficial to students interested in hands on designing and building as well as personal and physical improvements.</p>		