



## OVERVIEW OF COURSES FOR YEAR 9 2019

All Year 9 students will complete an educational program that covers the main learning areas that include English, Health & Physical Education, Mathematics, Science and Humanities and Social Science (HaSS).

### SPECIALIST PROGRAMS

Students from any school are eligible to apply for the Specialist Programs. If you would like to apply for a Specialist Program and require information or an application form/s, please contact us on 9206 6555. Application forms can also be downloaded from our website, or picked up from our reception.

#### SPECIALIST AUSTRALIAN RULES FOOTBALL

The **Specialist Football** program works in conjunction with the West Perth Football Club Development program and also works closely with surrounding local junior football clubs. Students are given many exciting opportunities to improve their skills and learn more about the game. The program includes; injury prevention, leadership, communication and problem solving, umpiring, coaching and game strategies as well as having opportunities to hear from high profile guest speakers.

The girls also have many opportunities with day carnivals and after school competitions which continue to grow each year.



#### SPECIALIST PERFORMING ARTS

The **Specialist Performing Arts (SPA)** program centres specifically on Dance, Drama and Music (Instrumental & Vocal) with a strong focus on technology and problem-solving during the design process. Students specialise in two Arts disciplines, while developing combined Performing Arts skills in special workshops and classes.

**Music** – students explore music concepts, examine theory and aural perception and participate in a variety of performances and workshops.

**Dance** – students learn about movement, create, perform and appreciate various dance genres and develop and perform choreography.

**Drama** – students explore theatre, develop improvisation and acting skills and participate in workshops and productions throughout the year.



# HIGH PERFORMANCE PROGRAMS

## Instrumental Music

### 9AMI1/2

Students who participated in the Instrumental Music course in Year 8 are expected to continue their study with S.I.M. and the instrumental course. New students to the school who have experience in playing a musical instrument or are currently undergoing lessons are invited to enrol in this course. Year 10 acts as the foundation course for Year 11 ATAR Music by using a modified Year 11 General Music Course of Study.



## Robotics 9 (Technologies Learning Area)

### 9TDR1/2

This unit focuses on students' existing knowledge of sensor control and simple mechanisms. They will engage in a series of challenges using EV3 robots. Students will build, test and refine their robot to perform a series of functions related to the mining and security industry.

Coding is a focus of this unit. They will learn simple JavaScript and Python codes and conventions. Students will apply this knowledge during Madmaker, an intensive 6 week learning program.

Interested students will be encouraged to enter the Robocup Junior competition in Dance, Rescue or Soccer hosted by Curtin University.



# LANGUAGES

## Japanese 9LJ1/2

Year 9 Japanese is a year long Course that will give students the opportunity to develop an in-depth of understanding into Japanese culture and language. After a refresher into the basics of the script and basic introductions, students will learn about Japanese cities and how to navigate them. The course will also cover Japanese sports, seasons and special events. The course is structured to prepare students for the rigor of the Japanese ATAR Course, while at the same time offer students the opportunity to study the Cert II in Applied Languages.



## Need more information?

Ask the teacher: Mr McKenzie

# TECHNOLOGIES LEARNING AREA

Technologies is an area of specialised education in which students are given the opportunity to take part in a number of exciting and rewarding practical activities. The subjects develop the beginnings of a formalised approach to design, problem solving and practical skills development. There are two subjects within the Technologies learning area. They are **Design and Technologies** and **Digital Technologies**. Each subject has numerous contexts which are listed below.

## Design and Technologies

Contexts within this subject provide students with knowledge and skills that can be used in their future careers and in pursuit of recreational activities. Students intending to continue study in Year 11 and 12 can develop their early interest in practical and design skills through study in this subject. The facilities at our school are among the best in the region.

### Wood Technology 9TDW

In this context students develop and expand their process skills and knowledge in woodwork and consolidate hand skills. Power tools and machines are used in the construction of projects. Design methods and projects are introduced in preparation for later studies. Students will also be able to use their own design ideas to tailor make a solution. Students develop the skills to start evaluating their own work in order to improve their problem solving abilities.



### Metals Technology 9TDM

In this context students develop competence in the use of a range of metalworking hand tools, safe work procedures with power tools and associated equipment and the reading of simple workshop drawings. New skills and processes include working with sheet metal, bench work, threading, planishing, the use of the oxy-acetylene equipment, and metal lathe turning. Students use a wide range of specialised metalworking hand tools and equipment.



### Jewellery Design 9TDJ

Through the process of design, students will create their own articles of jewellery. This is a foundation course that introduces students to the skills involved in the process of designing and producing articles of jewellery. This will include skills such as filing, shaping, soldering, applying textures and finishes to a range of materials. Brass, copper, nickel silver, glass and wood are used to produce rings, bracelets and pendants. Students will develop an awareness of the use of other materials such as cubic zirconia, gemstones, shells, pearls, and stainless steel.



### Design Technical Graphics 9TDTG

Technical Graphics is for students interested in developing drawing skills in the areas of Architecture, Engineering and Technical Illustration. This subject introduces students to basic techniques in line work and Computer Aided Drawing (CAD). Graphics projects are completed using Autodesk Inventor software for 3D modelling. Projects are design based and involve 3D printing of student work.



### Computer Aided Manufacturing (CAM) – Automated Production **\*\*NEW\*\***

This context introduces students to 3D design and modelling using Autodesk Inventor and design software. Students will learn the basics of producing 3D models, images and drawings for a variety of purposes. 3D content involves learning how to design projects and prepare these for modern day industry production using a laser cutter, plasma cutter, 3D printer and CNC router. Students will learn the basics of designing and producing products that are made through an automated process.



### Need more information?

Ask the teachers: Mr Fragomeni, Mr Noack, Mr Thomson, Mr Healy, Mr Mylonas (HoLA)



### **Food Technology 9TH1F**

The food course offers students the opportunity to creatively prepare and present a wide variety of foods. They will have the chance to develop their practical food preparation skills whilst using a range of ingredients and equipment. Students will be able to investigate different production techniques, while demonstrating self-expression and creativity in the making of simple meals. The program includes developing skills that lead to the production of food products for the purpose of meeting the nutritional requirements of self and others.



### **Textiles / Craft 9TH1T**

In the Textiles course students will explore, create and make their own designs for a fashionable item using a variety of colours, fabrics and textures. This includes craft techniques such as embroidery, appliqué, quilting or beading. Further opportunities will be available for creativity with textiles for personal garments. Students will construct fashionable garments up-to-date techniques that save time and energy.



### **Need more information?**

Ask the teachers: Ms Alexander, Ms Murray and Ms Aston

## **Digital Technologies**

### **Computer Coding 9TCO**

Computer programming has become a national focus for schools and is aimed at students who have an interest in coding. Coding presents basic concepts in computer science and modelling systems through hands-on activities and simulations. A series of highly engaging design-and-build activities guide students through project development using Python, JavaScript, C++ and more. Our Humanoid Robot, NAO, will be used to develop student understandings, testing and problem solving skills. Students will also be able to access online communities and clubs as a part of their study.



### **Multimedia Design 9TMM**

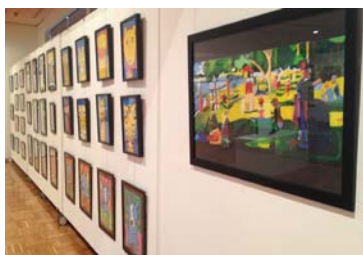
Students are taught how to manipulate graphics and audio files, create animations and how to optimise these files for viewing on screen or the web. Students will learn how to integrate text, graphics, video, animation and audio in order to prepare presentations and portfolios of work. Fireworks is used to digitally manipulate pictures and Flash to produce animation of text and pictures. With these basic skills, students will be able to plan and develop website content using the Dreamweaver software. Students also learn about project management and how to correctly manage time, documentation and evaluations.



### **Need more information?**

Ask the teachers: Mr Thomson, Mr Healy, Mr Noack, Mr Smith, Mr Mylonas (Head of Technologies)

## THE ARTS



### **Visual Arts Painting and Mixed Media 9ARTP**

In this unit students have the opportunity to develop their Visual Art skills through a variety of artistic genres, ranging from traditional to contemporary styles and techniques. Students will develop comprehensive knowledge of colour theory and colour mixing, as well as application. This unit involves a greater emphasis on developing artwork composition skills, with students exploring the importance of the Elements and Principles of art through 2D and 3D works, providing a sound basis for students wishing to continue art into year 10.

### **Visual Arts Printmaking and Mixed Media 9ARTPT**

Students will develop their Visual Art skills to create designs inspired by contemporary issues and trends. They will then adapt these designs into printmaking and mixed media projects, both 2D and 3D. This unit involves greater emphasis on developing composition skills, with students exploring the importance of the Elements and Principles of art providing a sound basis for students wishing to continue art into year 10.

### **Need more information?**

Ask the teachers: Ms Dixon, Ms Davis and Mrs Arapis





The Performing Arts classes focus on the skills and process for creating, workshopping, and performing original pieces and set tasks. Classes also include written tasks to supplement these skills that look at relevant historical and social elements.

Students who excel in general courses will be approached to audition for the Specialist Performing Arts program to develop their skills in specialised classes. Students who wish to audition for these classes are also encouraged to approach the Performing Arts team.

### **General Dance 9ADA**

Students are taught skills by participating in technique classes. From here, they work in small groups to choreograph their own routine and perform. Students develop group skills, are creative, appreciate dance as a form of entertainment and build self-confidence. Assessments include a Dance folio, research assignment, choreography and in-class performances.

### **General Drama 9ADRA**

The Drama course is designed to offer students the opportunity to perform on stage using script excerpts and self-devised plays. Students will explore different styles and techniques for acting and theatre design and reflect on their work using Drama language.

### **General Media 9AMPA**

This course offers the opportunity for students to explore film and television production. Students will look at the codes and conventions used in the production of short film and television comedy with a focus on acting for the camera. Students will produce a number of Media shorts gaining experience in front and behind the camera.

### **General Music 9AMU**

The music course offers students lessons in playing the guitar and keyboard for those who don't study an instrument privately. Students also explore genre characteristics and contemporary music elements through investigations and presentations. Students also look at arranging and composing music using recent iMac programs such as Garage band and Virtual DJ.

### **Need more information?**

Ask the teachers: Mr Bell (HOLA), Mr Foreman, Mrs Lang, Mr McPherson, Ms McKnight and Mrs Piper



