



## YEAR 8 2016 COURSE OVERVIEW

All Year 8 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).

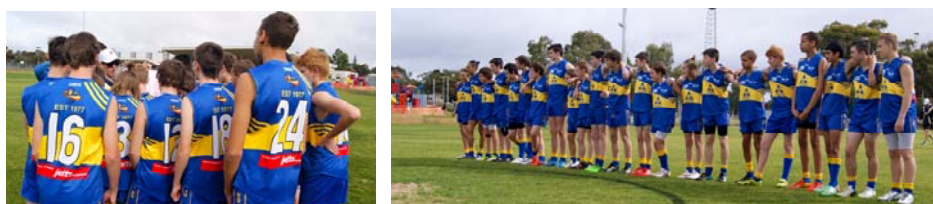


### SPECIALIST PROGRAMS

Students from any school are eligible to apply for the Specialist Programs. Students can enter the programs in Year 7, 8 and 9. 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 at Wanneroo Secondary College provides students who have a passion for the game an opportunity to develop football skills as part of a recreational or career pathway. What are the aims of the Program? The program aims to support all students by creating an environment which is inclusive, friendly and enables them to develop their football skills under quality coaching and at a level of competition which suits their abilities at any given stage of their development.



Students wishing to apply for the Australian Rules Football Program at Wanneroo Secondary College can enter at Years 7, 8, 9 and 10. Students are able to apply from any location, as school boundaries do not apply. The program is a Department of Education Specialist Program, the only one in the West Perth District.

#### Specialist Performing Arts

Students enrolled in the Performing Arts Program gain a sound general education, extension in their area of talent and interest and enrichment in personal growth through development of life skills, imagination, creativity, a commitment to quality, adaptability and flexibility. Students will participate in performance and production of staged shows.

Specialist Performing Art skills enhance self-confidence, initiative and maturity and provide a realistic understanding of vocational requirements.



Students enrolled in this program will focus on two of the three courses, Drama, Dance or Music, and how they incorporate into performance and production.

# ELITE PROGRAMS

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

## Academic Extension

The Academic Extension (AE) Program aims to encourage and stimulate students to excel at school. The program places particular emphasis on developing an understanding of different learning styles and skills in inquiry, analytical, critical and creative thinking. Classroom teachers aim to provide a stimulating environment, to give students the skills and the time to explore an issue, text or problem in more depth and communicate their conclusions more effectively. Students are encouraged to gradually take responsibility for their own learning. You will need to make a separate application and students will sit a test for enrolment into this program.



## Robotics

This is a beginning course in Robotics. Students will be using Lego EV3 Robots to complete challenges relating to renewable energy sources including “The Green City Challenge”. Students will build their existing knowledge with the introduction of new sensors to complete the activities. Topics may include motor control gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision making and timing sequences.



## Instrumental Music



Music is one of the five art forms within the Arts learning area and it contributes to both the overarching outcomes and the four arts - specific outcomes of the Curriculum Framework. Playing instruments is an integral part of the balanced music program at Wanneroo Secondary College, through the School of Instrumental Music. It is aimed at those students who show keen interest and aptitude in music, and who are prepared to make an ongoing commitment to musical activity. Instrumental music tuition relies on the general development fostered in the classroom music program.

# GENERAL PROGRAMS

## LANGUAGES

### Japanese Italian

Year 8 students with an interest in Japanese or Italian will learn basic language skills and study cultural differences.

## THE ARTS - Year 8, 2016

### VISUAL ARTS



#### Art 8ARTD

Students will develop their Art Skills in a range of media and build on the skills and techniques developed in Year 7 Art. They will again explore a variety of different media and image making techniques. Students will continue using their Visual Diary to document their creative process, developing works from initial ideas through to refined finished pieces using the elements and principles of Art. Students will continue to analyse artworks from a range of historical Art movements with assessments to include both verbal and written tasks throughout the semester.

#### Media 8AME

Students will complete a variety of tasks within the context of Feature Film. They will look at the context of Hollywood film genre. Tasks include film analysis, making movie posters, and creating their own mini movie using cameras and computers. Assessments include a folio of completed work and video of film.

#### Need more information? Ask the teachers below:

Miss Dixon, Miss Shepherd, Ms Davies

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## THE PERFORMING ARTS

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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. More information on SPA classes can be found at Student Services.

### **General Dance 8ADA**

Students will develop specific dance skills essential to each of the focussed genres. These skills will encompass flexibility, rhythm, balance, coordination, strength and fitness. Students will also be taught the correct way to stretch and warm-up to enhance their body's preparation for optimum performance.

### **General Drama 8ADR**

Students will engage in Drama tasks which involve improvisation, self-devised drama and interpretation of extracts of plays and other texts. Much of their work will be in groups encouraging them to build their teamwork. There will be a written element to their course coinciding with in-class performances.

### **General Music 8AMU**

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.

### **Music (Instrumental or SIM) 8AMUSIN**

Students who elected the instrumental music course in year 7 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.

### **Need more information? Ask the teachers below:**

Mrs Randall (HOLA), Mr Bell, Mr Foreman, Miss McIlroy, Mr McPherson

# TECHNOLOGY & ENTERPRISE LEARNING AREA

## DESIGN & TECHNOLOGY - THE PRACTICAL CHOICE



Design and Technology is an area of specialist 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.

All subjects 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 of DESIGN and TECHNOLOGY subjects. The facilities at our school are among the best in the region.

### **Design Technical Graphics : 8TDTG**

Technical Graphics is for students interested in developing skills in the areas of Architecture, Engineering and Technical Illustration. This subject introduces students to basic techniques such as line work, instrument drawing and freehand sketching. There is a strong focus upon 3D drawing early in the semester using industry standard software (Autodesk Inventor). Students will complete a series of graphics projects in Pictorial (Perspective, Oblique and Isometric) and Orthographic drawing methods. Final products may include 3D printed objects.

### **Wood Technology: 8TDW**

In this subject students develop and expand their process skills and knowledge in woodwork and consolidate hand skills. This subject introduces power tools and machines as part of their work flow. Design methods and projects are introduced in preparation for subjects in later years. Students will be guided through a series of projects that will help with hand/eye development, coordination and problem solving.

### **Metals Technology: 8TDM**

In this subject 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 introduced include sheet metalwork, bench work, planishing and the use of simple bending equipment. Students use a wide range of specialised metalworking hand tools and equipment to make simple metal items for home and personal use.

### **Robotics: 8TER**

This unit focuses on sensor control and simple mechanisms. Students will take part in activities that form part of the Green City Challenge including an introduction to computer coding using an Arduino controller. The focus is upon renewable energy systems. Students are encouraged to enter the Junior Robocop competition in Dance, Rescue and Soccer hosted by Curtin University. Students are introduced to the basic building blocks of electrical circuits and will use a simple circuit to develop electronic component knowledge and understandings.

### **Need more information? Ask the teachers below:**

Mr Fragomeni, Mr Noack, Mr Thomson, Mr Duschka, Mr Mylonas (Head of Technology & Enterprise)

## HOME ECONOMICS

Home Economics is a fun, hands on subject area encompassing many life skills. Using a technology and health focus students are encouraged to use their own initiative to solve problems while working co-operatively with others; using appropriate equipment and managing time effectively. This is done in the contexts of food and health, food cuisines and cultures and textiles and fashion.



### Food Technology: 8THF

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 while using a range of ingredients and equipment. Students will be able to investigate different production techniques, demonstrating self-expression and creativity in the making of simple meals. They will complete a program that includes applying the Technology Process to develop their own food products based on their knowledge of ingredients and nutritional requirements.

### Textiles/Craft: 8THT

In the Textiles course the students will explore, create and make their own designs for a fashionable item using a variety of colours, fabrics and textures, and 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 using the Technology Process and up-to-date techniques that save time and energy.

**Need more information? Ask the teachers:** Ms Alexander, Ms Murray, Ms Clarke

## BUSINESS STUDIES & INFORMATION TECHNOLOGY



### Workplace Computers: 8TBW

Workplace Computers allows students to acquire skills in the software package Microsoft Office eg Word, Access – databases, Excel – spread sheets and Publisher. All of these software skills are essential tools for students. The subject allows students to gain the competitive edge when it comes to the completion of assignments and to impress their readers with professional eye-catching assignments.

### Webpage Design and Animation : 8TBA

Students develop graphic editing and animation skills. Adobe Fireworks will be utilised to digitally manipulate pictures and Adobe 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 application program.

**Need more information? Ask the teachers below:**

Mr N.Smith, Mr Jackson, Ms Sallustio, Mr Mylonas (Head of Technology & Enterprise)