



**LEEMING SHS**

HARMONY ~ EXCELLENCE

# YEAR 9 DIRECTORY

## 2017



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## Course Selection in Year 9

All schools in Western Australia base their curriculum on the Guiding Principles developed by the School Curriculum and Standards Authority (SCSA). The Guiding Principles comprise of:

1. Western Australian Values of Schooling
2. Principles of Teaching, Learning and Assessment
3. Phases of Schooling
4. Student Diversity

Students in year 9 will study compulsory courses in the following curriculum areas: English, Mathematics, Science, Humanities and Social Science, Health and Physical Education. All students will be given the opportunity to select courses from the Arts, Languages, Health and Physical Education and Technology and Enterprise.

Listed below are the course requirements for year 9 in 2017. The curriculum is designed to give students an opportunity to experience subjects across the eight learning areas.

<b>Course Area</b>	<b>Hours per week</b>
English	4
Mathematics	4
Science	4
Humanities and Social Science	4
Health and Physical Education	3
<b>3 Elective courses</b>	
Arts	
Health and Physical Education	
Languages	
Technology and Enterprise	6
<b>Total</b>	<b>25 hours per week</b>

Note: It is not guaranteed students will be able to study all of their selected elective courses due to resource and timetable constraints.

Students are given the opportunity to select elective courses to enable them to develop skills in learning area contexts. Parents and students should select elective courses in year 9 which reflect interest, aptitude and exploring possible pathways for upper school courses.

*Please consider the following points in your subject selections for 2017:*

- All students will have 3 elective courses each semester. Preference will be given to students who select to study a subject as a yearlong course.
- Students who are in the Music and/or Language program must commit to a yearlong course.
- Students who do not submit their form will be placed in courses selected by the School Administration.
- Students are reminded to select carefully as changes next year are not possible.

## Details of Courses Offered in Year 9

### The Arts

In the Arts learning area, the students are given the opportunity to develop creative skills, critical appreciation and knowledge of artistic techniques and technologies in Dance, Drama, Media, Music and Visual Arts.

Learning in all Arts courses is based upon the four common outcomes:

- ❖ Communicating Arts ideas.
- ❖ Using Arts skills, techniques, technologies and processes.
- ❖ Responding, reflecting on and evaluating the Arts.
- ❖ Understanding the role of the Arts in society.

#### Dance

##### ***What is Dance in Year 9?***

In Year 9 students are introduced to the history and origins of dance in the form of cultural dances from around the world and the evolution of dance through musicals and movies. All students are given the opportunity to learn in a range of dance genres and develop choreographic skills and collaborate with their peers to create dance works.

##### ***Is there Dance Curriculum?***

Like all other subjects Dance has a theory element. The curriculum for dance in Year 9 continues on from the previous Year 7 and 8 content and includes learning more in depth dance terminology and the introduction of the choreographic devices and structures that shape the practical assessment tasks. It also involves learning about the muscles and the bones and maintaining a fit and healthy lifestyle for dance, the evolution of dance throughout history and the origins of dance from its earliest cultural tradition.

##### ***What are the benefits of choosing Dance at LSHS?***

- Teamwork, collaboration and camaraderie
- Fitness, fun and coordination
- Performance opportunities at Dance Festivals, Competitions and Showcases
- Excursions to state of the art performance venues to see professional performances
- Career prospects in the performance industry or future study at State Training Providers or WAAPA (Western Australian Academy of Performing Arts)

#### **Semester Course**

For those that enjoy dance but have not had a great deal of experience in years 7 – 8 then trying it out for a semester may be more suitable for you. It may provide you with enough of a taste to know if you want to pursue it in upper school and beyond or it may just be the fun, creative outlet that helps you maintain a fit and active lifestyle.

## **Drama**

### **Semester Course**

If you want to develop your confidence in front of others, this is the course for you! This course provides the students with the opportunity to develop performance skills including improvisation, whole class playmaking, mask, mime and script interpretation. Students are also introduced to the various roles of the design and production team, including lighting, sound and set design.

## **Media**

### **Semester Course**

This course gives the students an understanding of how films and television programs are made, and the opportunity to create their own programs. Starting with sitcoms, students will make three short TV programs in groups. It is fun and hard work!

## **Music**

### **Year Long Course**

This year long course continues the development of aural, theory and practical skills established in Class Music during years 7 and 8. The course covers a wide variety of musical contexts from Western Art Music to Jazz to Contemporary and back again, with students analysing these genres through the Elements of Music. Students will continue to develop their understanding of music through practical application on keyboard and guitar.

Class Music is designed to work in cooperation with instrumental lessons and ensembles and it is expected that students will either be involved with instrumental lessons from the School of Instrumental Music Services (SIMS) or receiving private tuition. Students are also expected to perform in at least one ensemble throughout the year.

Students wishing to enter the course at this level should be the equivalent AMEB level of Musicianship Theory Grade 2 and Musicianship Practical Grade 3.

For further information on the music program, please see the music brochure or contact the school directly.

## **Visual Arts**

### **Semester Course**

This course is designed to increase the students' drawing skills and give them experience in painting, printmaking, graphic art and or sculpture. Students will also be able to work with clay and other popular craft activities. The course is designed to extend the students' artistic talent and broaden their interest in the world of art.

## Health & Physical Education

### Outdoor Education - Aquatic & Roping Semester Course Only

The course is designed to provide the opportunity for students to demonstrate the Health & Physical Education Outcomes in a variety of learning environments.

The course focus is on survival skills in the aquatic environment, an introduction to snorkelling and land based skills through roping and rock climbing.

All skills covered in this course will be relevant to prospective students enrolling in the Certificate II in Outdoor Recreation in senior school.

***Students selecting this course need to be prepared for flexi- time arrangements, that is, start at 7.30 am or finish at 4.00 pm.***

**As this is a high cost course Parents/Guardians must also be aware that students will need to be removed from this subject if there has not been a financial commitment of 50% to the full fee attributed to this course by December 2016.**

### Outdoor Education - Cycling & Fishing Semester Course Only

This course is designed to provide the opportunity for students to demonstrate the Health & Physical Education Outcomes in a variety of learning environments.

Through the activities of cycling, fishing, and basic first aid, the students will have the opportunity to acquire relevant skills to enable them to prepare and plan for outdoor-related pursuits.

The cycling skills lead into the Certificate II in Outdoor Recreation in senior school.

***Students selecting this course will need to have a roadworthy bicycle and helmet and be prepared for flexi-time arrangements that start at 7.30 am or finish at 4.00 pm.***

**As this is a high cost course Parents/Guardians must also be aware that students will need to be removed from this subject if there has not been a financial commitment of 50% to the full fee attributed to this course by December 2016.**

### Physical Education - Racquet Sports Semester Course Only

This course provides students with the opportunity to extend their skills, knowledge and game sense in the following racquet sports: Badminton, squash and tennis.

This course is beneficial to students interested in selecting Physical Education Studies or the Certificate II in Sports Coaching in senior school.

**As this is a high cost course Parents/Guardians must also be aware that students will need to be removed from this subject if there has not been a financial commitment of 50% to the full fee attributed to this course by December 2016.**

## Physical Education – Fitness Semester Course Only

By participating in fitness classes at Leeming Recreation Centre and playing a range of fun sports including Ultimate Frisbee and Vortex, this course provides students with the opportunity to develop the following fitness components:

- Cardio-respiratory endurance
- Muscular endurance
- Muscular strength
- Flexibility
- Co-ordination

50% of the course will consist of classes at the Leeming Recreation Centre which may include the following circuit and fitness classes, depending on availability:

- Bodypump - barbell class with music that strengthens the entire body
- Bodycombat - cardio workout inspired by martial arts and boxing
- Bodystep - energising step workout with sing-a-long-music
- Circuit Training - use of a range of machine weights and free weights to build overall body fitness
- Body Balance - focus on core postural muscles for balance and back support

In addition to participation in practical fitness sessions, students will also study the theoretical principles of fitness and complete an assignment related to fitness training.

This course is beneficial to students interested in selecting Physical Education Studies or the Certificate II in Sports Coaching in senior school.

**As this is a high cost course Parents/Guardians must also be aware that students will need to be removed from this subject if there has not been a financial commitment of 50% to the full fee attributed to this course by December 2016.**

## Languages

In the Languages area, students learn to communicate effectively in languages other than English. Students gain an understanding of other societies, the ability to interact with people and cultures other than their own as well as practical skills that they can use in future social, cultural and vocational areas. Through Languages, students are also able to further develop their skills and understandings in English and of literacy in general.

Besides the strong link between the development of language skills and that of literacy in English, a Language class provides a rich environment for deepening students' understandings of language as a system by making comparisons between the target language and English. The increase in literacy skills gained from language studies enhances self-esteem and the motivation of students.

Language is the foundation of all human relationships. The process of learning a language allows students to understand better the world they live in. Opportunities are given to all Languages students to construct new knowledge, to develop communication and thinking skills and to enhance social skills to work with their peers collaboratively.

There are six learning outcomes for Languages. They all measure the students effectively and appropriately. The first three outcomes are:

1. **Listening and Responding, and Speaking** in the target language to communicate eg. tell news or have a discussion with a friend about which movie to see.
2. **Viewing, Reading and Responding** to a variety of texts in the target language and responding appropriately eg. identify key ideas in a newspaper article.
3. **Writing** a variety of texts in the target language, for example, write a postcard.

The next three outcomes are achieved within the context of the first three.

4. **Cultural understandings** are developed and applied in the use of the target language in order to appreciate and respect the differences between our culture and another.
5. **The knowledge of the structure of the target language** will allow students to comprehend and to create texts.
6. **Language learning strategies** to be acquired in order to enable students to understand and express themselves in the target language.

At Leeming Senior High School, the languages offered are French and Japanese.

Outcomes will be addressed in the context of themes/topics, for example, media, travel and tourism, fashion, lifestyles, leisure activities, current issues.

### French

#### Year Long Course

Students will practice oral and written skills in everyday situations. Students will be able to obtain and give information and respond in both written and oral formats.

Topics include talking about travel plans, discussing people's appearance, saying how you feel when unwell and discussing leisure activities - French food and shopping are especially popular.



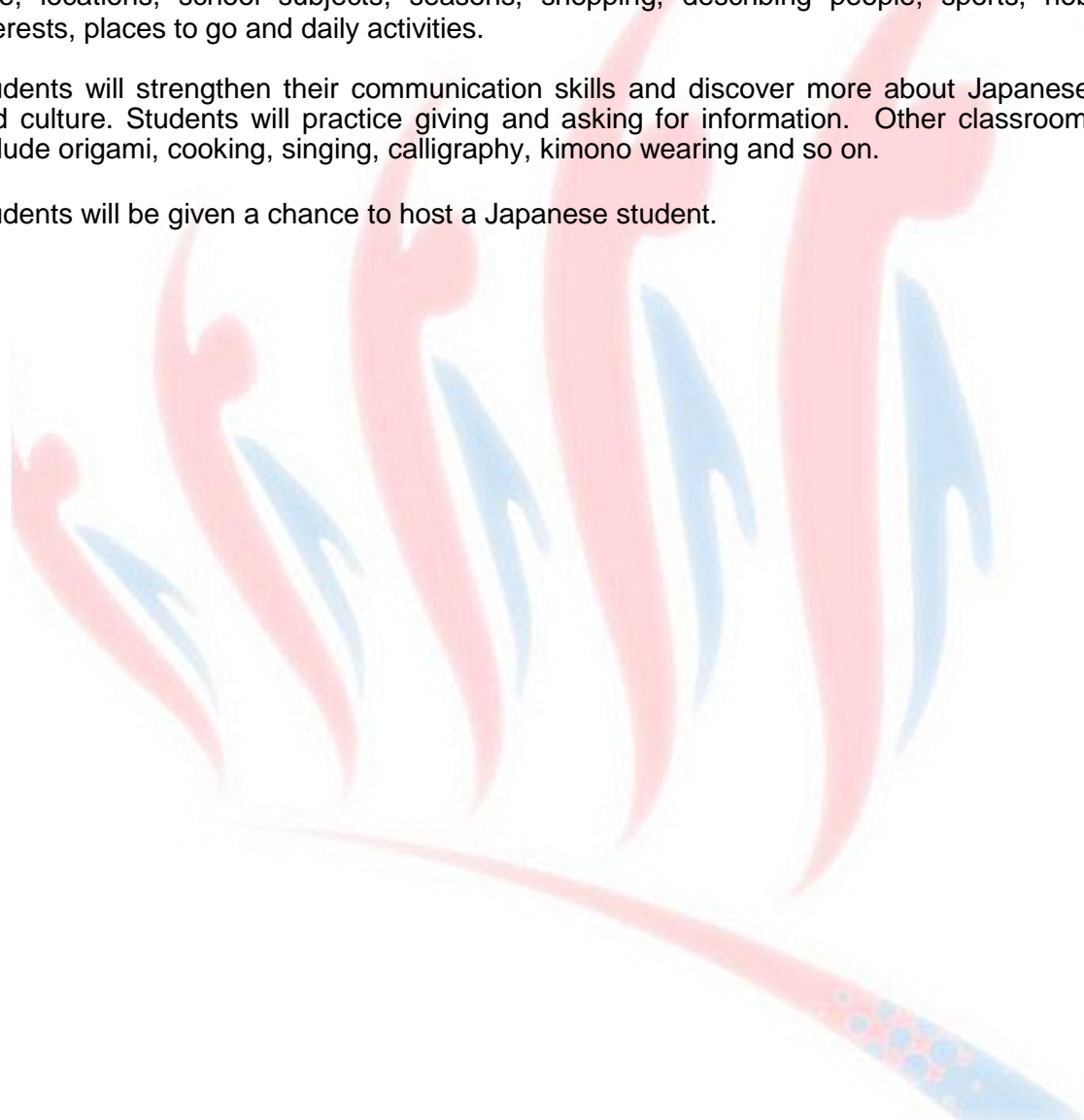
## Japanese

### Year Long Course

In this course students will improve their reading, viewing, speaking, listening and writing abilities. Both Hiragana and Katakana will be used and a small range of Kanji will be introduced. The target language is used whenever possible. The grammar structures are analysed to enable students to achieve practical outcomes in Japanese language learning. Topics include aspects of time, locations, school subjects, seasons, shopping, describing people, sports, hobbies and interests, places to go and daily activities.

Students will strengthen their communication skills and discover more about Japanese customs and culture. Students will practice giving and asking for information. Other classroom activities include origami, cooking, singing, calligraphy, kimono wearing and so on.

Students will be given a chance to host a Japanese student.



## Science and Technology Academy Students

The STA program at Leeming Senior High School is an officially recognised Specialist Program. Academy students are encouraged to participate in the many extra-curricular activities available to them. The more involved students are in the program the greater the benefit. Activities include:

- National and International Science Quizzes
- Science & Engineering Challenge
- Astronomy Camp
- Science Talent Search
- Aurecon Bridge Building
- Mildew Mania
- Excursions to Exhibitions, Science and Technology Events and Keynote Lectures

Members of STA have the opportunity to participate in the biannual tour. The tours alternate between a Science focussed tour of Canberra and a tour to the United States of America on Space Camp. In 2017 members can look forward to travelling to the USA on Space Camp.

Students who have been selected into the Science and Technology Academy will gain STA points based on their grades in Science, Mathematics and for any IT or Technology based subjects they choose.

If you would like further information about becoming a STA member please refer to the website.

## Technology and Enterprise

In the Technology and Enterprise learning area, students apply knowledge, skills, experience and resources to the development of technological solutions that are designed to meet the changing needs of individuals, societies and environments.

Students become innovative, adaptable and reflective as they select and use appropriate materials, information, systems and processes to create solutions that consider the short- and long-term impact on societies and environments.

Students work within the contexts of Business and Information Technology, Design and Technology and Home Economics.

Students may choose to study one context in depth or alternatively they may choose a number of contexts in order to broaden their experiences in this Learning Area.

	Business and Information Technology	Design and Technology	Home Economics
<b>Year 9</b>	Digital Media	Computer Drawing, Design and Graphics	Fun Foods
	Games Design	Metalwork	International Foods
	Law and Criminal Investigations	Mechanical Workshop	Food Gifts & Creativity
	Robotics	Photography	
		Woodwork	

### Business and Information Technology

The wide-ranging courses offered by the Business and IT department give students a wealth of knowledge and opportunity to experience the world of business and technology. We provide students with valuable skills and knowledge in a range of diverse subjects such as Digital Media, Game Design, Law and Criminal Investigations.

With the Information Technology subjects students will learn to operate different software applications efficiently and proficiently.

Law and Criminal Investigations is a course offered to assist student to become aware of how our legal system operates and how it regulates our behaviour.

Our aim is to prepare all students to meet the demands of a changing world and to equip them with valuable skills needed in their personal lives and the workplace. We aim to produce citizens who

are able to interact and make informed decisions upholding their core beliefs and values in their place in our world.

### **Digital Media Semester Course**

In the digital world of today, an understanding of graphics and their manipulation is not just for personal use, but it also impacts on a wide range of industries from gaming to film, architecture to marketing.

This course provides students with a basic understanding of the digital media area. Students work with presentation, graphics, animation, web design and audio creation software to develop specific technology skills, whilst also creating a portfolio of work samples.

The course includes the use of a variety of software programs and hardware including graphic tablets, digital cameras, video cameras and microphones. Students will use their skills to develop a variety of individual and collaborative projects.

The course suits students with an artistic and/or creative interest in digital media.

### **Games Design Semester Course**

In this course students will develop their own computer games and develop an understanding of the role of computer games in society today. This course introduces the concepts of computer programming through game designing.

Game Design is an ideal introduction to learn a fun and interactive programming tool. Students will gain valuable feedback about the game from testing it themselves and from the feedback of others in the class they have challenged to play.

Students will develop and test their skills using software that will give particular focus to developing sprites, visual, audio and scripting elements of computer games. Students will be able to convert the idea of the game they have in their head to an actual game they can play, possibly even compete against others in the class. The course also explores the impact of games in our society today.

### **Robotics Semester Course**

This course uses Lego Mindstorms to teach a STEM based curriculum.

This course exposes the students to the concepts related to robotics software and hardware including circuits and switches, the steps involved in programming a robot including the robot moving, turning and stopping when it touches a hard surface, using sensors, repeat movements from a routine and make decisions.

### **Law and Criminal Investigations Semester Course**

Where does the truth lie? How much do you know about the legal system which governs your life and regulates your choices. This course will introduce students to the West Australian legal system and the court processes which settle disputes. Students will investigate crime scenes through case studies, police powers, fraud imaging and profiling and aspects of forensic science. Attention will also be given to young people and their legal rights and responsibilities.

Students will visit the Courts and listen to guest speakers from the Police Department and Legal Profession, and role play scripted mock trials that relate to the course content.

### **Design and Technology**

Design and Technology courses capitalise on student willingness to engage in the practical application of knowledge by providing a variety of experiences to accommodate their interests, aspirations and learning styles. Design and Technology learning experiences are also interdisciplinary in that they include outcomes for students that are scientific, mathematical, graphic, aesthetic and historical.

Students develop the knowledge, skills and techniques involved in designing and making products. They have opportunities to generate proposals, communicate their ideas and practices using a variety of visual media and to select materials, techniques and equipment to make products from their designs and plans. Through this process, Design and Technology students learn to think creatively and critically and to develop individual and collective responsibility.

Above all, student engagement in the practical, “hands-on” processes of a workshop environment remains the recognised strength of this area. Safety in thought and action is emphasized in all Design and Technology courses.

Each Design and Technology course runs for a semester, students may choose one or both courses in a context. It is not a requirement for students to have completed the first unit to enrol in the second unit.

### **Computer Drawing, Design and Graphics Semester Course**

Students enrolled in this subject will use computer aided design, 3D modelling, graphic design and sign-writing software to produce technical drawings, 3D models, graphic images and vinyl stickers. Students will attain basic skills used in drafting, architecture, engineering and graphic design. In a specialist design classroom students will use the design process to develop their ideas; they will have individual access to computers, specialist software, printers, plotters and vinyl cutters. Students will be exposed to basic design principles and techniques and will produce a folio of work demonstrating their skills and understanding of the topics covered in the semester.

### **Mechanical Workshop Semester Course**

Students will develop skills in working on small engines as well as using oxy-acetylene welding equipment. They will be directed through tasks that will involve servicing, repairs and stripping engines enabling the students to understand how four and two stroke engines operate. They will be taught how to use oxy-acetylene equipment safely to bend, form and weld various steel sections as well as being introduced to MIE welding.

### **Metalwork Semester Course**

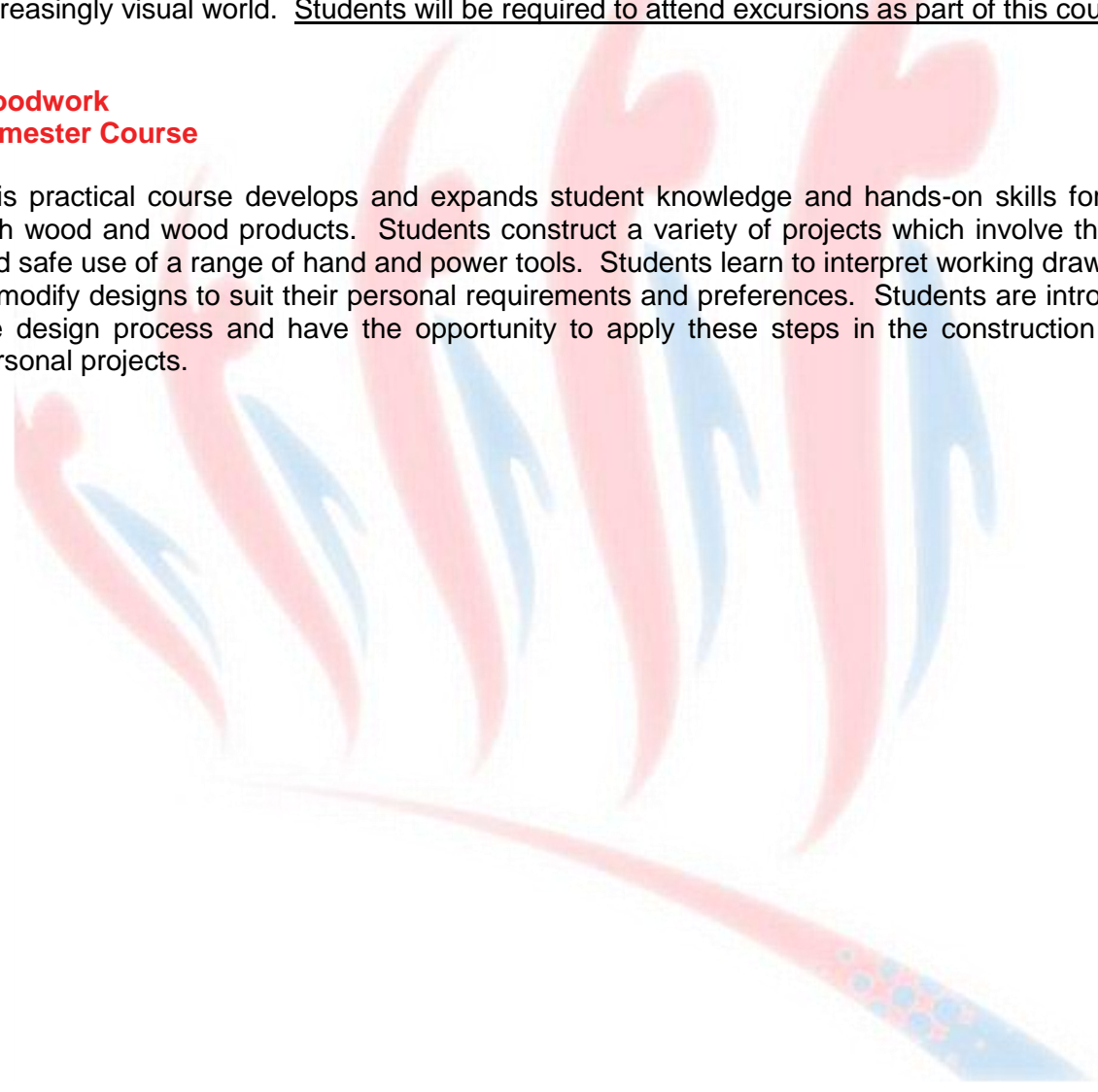
In this course students are encouraged to use a variety of specialist hand tools and equipment. Through safe working practices students are introduced to a wide range of metals and construction techniques. Students complete compulsory projects and then may produce a variety of models to demonstrate their achievement of the course outcomes.

## **Photography Semester Course**

This course introduces students to the principles, techniques and materials used in Photography. This course is practically based using Nikon digital SLR cameras. Images are produced digitally using iMac computers, Adobe software including Photoshop and printing using Epson inkjet and laser printers. Practical assignments are photographed at locations away from the school to offer the students a greater variety of environments and opportunities in image capture. Students will produce a paper and digital portfolio of their semester's work. The knowledge gained will also allow students to better understand and interpret images in our increasingly visual world. Students will be required to attend excursions as part of this course.

## **Woodwork Semester Course**

This practical course develops and expands student knowledge and hands-on skills for working with wood and wood products. Students construct a variety of projects which involve the correct and safe use of a range of hand and power tools. Students learn to interpret working drawings and to modify designs to suit their personal requirements and preferences. Students are introduced to the design process and have the opportunity to apply these steps in the construction of small personal projects.



## **Home Economics**

Home Economics is a specialised subject that provides students with useful skills that they will carry throughout life. The subjects offered in Home Economics helps students learn important skills in Foods, Textiles and Design in the Technology & Enterprise learning area.

### **Fun Foods Semester Course**

Fun foods is a subject that is aimed at giving students the skills and knowledge that are needed to produce quality food products to solve a given problem or task. Tasks include producing suitable foods in The Big Picture Movies Food Hall – Build Your Own Burger Bar, Super Star Spuds, Sweet Tooth and a range of cooking for the outdoors with picnic baskets, barbecues and foods suitable to be given as gifts.

### **Food Gifts and Creative Textiles Semester Course**

Foods gifts and creative textiles is a subject that combines all aspects of Home Economics. It includes making of a variety of practical projects using many forms of technology such as a scan and cut machine, embroidery machine, over lockers and the sewing machine.

Foods will be created that are suitable for many types of celebrations that can be given as gifts such as biscuits, slices, cakes and jams.

These foods will be packaged using any materials of students' choice and completed with recipe cards and gift cards.

### **International Foods Semester Course**

International foods will focus on providing students the opportunity to develop their practical skills in the Foods area. These skills will be further developed with the use of ingredients and cooking techniques from around the world.

Students will have the opportunity to create dishes from Asian and European countries.