

# Leeming Senior High School

Year 9 Directory - 2019



# LEEMING SHS

HARMONY ~ EXCELLENCE

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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 2019. 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
Languages	2
<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 2019:*

All students will have 3 elective courses each semester. Preference will be given to students who select to study a subject as a year-long course.

Students who are in the Music and/or Language program must commit to a year-long course.

Students who do not submit their course selection 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 (Semester Course)**

#### **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 a 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)

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.

### **What are the benefits of choosing Drama?**

- Developing confidence to perform
- Teamwork and focus
- Performance Opportunities within the school
- Fun
- Learning the skills of presentation

## **Media (Semester Course)**

### **Why do Media?**

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!

### **What are the benefits of choosing Media?**

- Developing camera and editing skills
- Teamwork focus
- Producing your own films
- Career prospects

## **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 Instrumental Music School Services (IMSS) 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.

### **What are the benefits of choosing Music?**

- Developing your skill as a musician
- The opportunity to play with ensembles and groups
- Performance opportunities
- Excellence tuition in instruments

## **Visual Arts & Crafts (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.

### **What are the benefits of choosing Visual Arts?**

- Creativity
- Learning skills in different art forms
- Achieving the completion of your own art work
- Enjoyment and fun\
- Development of yourself as an artist

## HEALTH AND PHYSICAL EDUCATION

### Outdoor Recreation – Aquatics and Roping (Semester Course Only- Semester 1)

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 various water games and land based skills through roping and an excursion to The Cube at Woodman Point – a 13m high recreation facility jam-packed with roping and climbing activities

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, which include starting at 7:00am or finishing at 4:00pm, depending on timetabling.***

**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 2018.**

### Outdoor Recreation - Cycling & Fishing (Semester Course Only - Semester 2)

This course is designed to provide the opportunity for students to demonstrate the Health and 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 may start at 7:00am or finish at 4:00pm, depending on timetabling.***

**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 2018.**

## **Physical Education - Racquet Sports (Semester Course Only - Available in Semester 1 and 2)**

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 2018.**

## **Physical Education – Fitness (Semester Course Only - Available in Semester 1 and 2)**

This course provides students the opportunity to increase their knowledge of fitness, specifically fitness testing and types of training. This will also provide the students with the opportunity to develop the following fitness components.

- Cardio-respiratory endurance
- Muscular endurance
- Muscular strength
- Flexibility
- Power
- Agility
- Coordination

Students will also get the opportunity to participate for 50% of the course in fitness classes at Leeming Recreation Centre; this may include the following sessions.

- Body Balance - Focus on core postural muscles for balance and overall muscular support
- Body combat - cardio workout inspired by martial arts and boxing
- Circuit Training - use of a range of machine weights and free weights to build overall body fitness

In addition to participation in practical fitness sessions, students will also study the theoretical principles of fitness and complete assignments 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 2018.**

## 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, 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.

1. **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.
2. **The knowledge of the structure of the target language** will allow students to comprehend and to create texts.
3. **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.

French students are offered the opportunity to sit the Alliance Francaise High School Examinations from Year 9 to Year 12.

## **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 and Engineering Challenge
- Astronomy Camp
- Science Talent Search
- Aurecon Bridge Building
- Excursions to Exhibitions, Science and Technology events and keynote Lectures
- Co-Curricular programs including Coding and Science Inquiry

Members of STA have the opportunity to participate in Science and Technology focussed tours. The tours alternate between a Science focussed tour of Canberra and a tour to the United States of America on Space Camp. The next USA and Space Camp Tour is planned for 2020.

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.

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
Games Design	Mechanical Workshop	Fun Foods
Robotics	Metalwork	Food, Gifts and Creative Textiles
Law and Criminal Investigations	Photography	
	Woodwork	
	Computer Drawing	

### 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 Robotics, Game Design and 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 students 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.

## **Games Design (Year-Long Course - can be chosen as a Year-Long Course or 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 - can be chosen as a Year-Long Course or Semester Course)**

This course uses Lego Mindstorms, Makey Makey's and Arduino's 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 Investigation (Semester Course - can be chosen as a Year-Long Course or 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 remain the recognised strength of this area. Safety in thought and action is emphasized in all Design and Technology courses.

Each Design and Technology unit runs for a semester. Students may choose to study a unit for one semester or the whole year. It is not a requirement for students to have completed the first unit to enrol in the second unit.

### **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 MIG welding.

### **Metal Technology (Semester Course)**

In this hands-on course students will learn how to use a range of workshop equipment commonly used in the metalwork industry. Students will learn various welding processes, use of hand tools, lathe skills and fabrication techniques.

The emphasis of this course is to make a range of interesting projects in a safe, structured environment that allows the students to develop skills and build confidence in working with metals.

Design is a big factor in this subject with the students completing a design brief and project of their design. This course leads students towards the Year 10 Metal Technology course or the trades oriented Intro to Engineering.

## **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.

## **Computer Drawing, Design and Graphics 1 (Year 9)**

Students enrolled in this subject will use Autodesk Products, including CAD (Computer Aided Drawing), 3D Modelling software, graphics software and sign-writing software to produce technical drawing, 3D models, graphic images and vinyl stickers. Students will attain basic skills used in drafting, architecture engineering and graphic design. In the purpose built design lab, students will have 1 to 1 access to computers and 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.

## Home Economics

Home Economics is a fun, practical subject area that provides students with many useful life skills. Using a technology focus, students are given the opportunity to work collaboratively and independently when investigating, designing and producing solutions to given tasks. The subject fees cover the cost of a workbook and all food and equipment requirements, however, students will need to supply containers each week to take their food home. There are no prerequisites for any of the Home Economics subjects listed below. One or both of these subjects can be chosen in each semester.

### SEMESTER 1

#### Food Gifts and Creative Textiles 1

Food is central to many celebrations and special events. This subject investigates a variety of celebrations within different cultures and how food plays an important role in these. Students will then have the opportunity to cook many of the foods and explore how to present them creatively so they may be given as gifts. Some of the celebrations considered include Chinese New Year, Anzac Day and NAIDOC week. This subject considers the effect of food production and sustainable solutions.

#### Fun Foods

Fun Foods takes a look at the changes taking place in the Australian food industry as well as the multicultural influences on our food choices. Students will prepare given recipes each week as well as designing and cooking their own foods. This subject allows students to build on and develop skills and confidence in the kitchen environment while preparing foods for enjoyment and good health. Fun Food promotes the development of independence as well as encourages working cooperatively in groups.

### SEMESTER 2

#### Food Gifts & Creative Textiles 2

Food Gifts & Creative Textiles 2 is a practical subject that explores food safety, nutrition, preservation, preparation and presentation of food. Students will prepare foods for different celebrations such as Father's Day, Remembrance Day and Christmas, and look at different ways of packaging them for gift giving, as well as prepare and serve their own "High Tea" recipe.

#### International Foods

Come on a culinary journey around the world with International Foods. In this practical subject, students will prepare a wide range of dishes using a variety of cooking techniques and equipment from different cultures. Cuisines from countries of Europe, Asia, Africa and the America's will be explored.