

# Leeming Senior High School

Year 9 Directory - 2022



# 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:

Western Australian Values of Schooling  
Principals of Teaching, Learning and Assessment  
Phases of Schooling  
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.

### Course Requirements

Listed below are the course requirements for Year 9 in 2022. The curriculum is designed to give students an opportunity to experience subjects across the eight learning areas.

Course Area	Hours per week
English	4
Mathematics	4
Science	4
Humanities and Social Sciences	4
Health and Physical Education	3
<b>3 Elective courses</b>	
Arts	
Health and Physical Education	6
Languages	
Technology and Enterprise	
<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 2022:

- 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.

#### **The 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 detailed 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 Leeming Senior High School?**

- 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

### **The Drama Curriculum**

In Year 9, the Drama curriculum explores the idea of drama as an event, and you will learn all about the processes, techniques and conventions of this subject. Students develop drama based on devised and published script excerpts (e.g. Australian drama pre-1960 or world drama), using selected drama forms and styles.

## **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 heroes and mythology, students will create two films in groups. At least one of these films is about creating your own Super Hero! It is fun and hard work! Students are also introduced to multiple formats of media including radio and web content.

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

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

### **The Media Curriculum**

In Year 9, students are provided with opportunities to view media work from contemporary and past times to explore viewpoints from Australian and international media work. They consider the impact context and audience have on media work, and explore the impact of trends on how audiences use media.

## **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.

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

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

## **VISUAL ARTS AND 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

## **The Visual Arts Curriculum**

In Year 9, students use visual art language and artistic conventions of greater complexity during their design and production process.

Students experience a growing awareness of how and why artists, craftspeople and designers are influenced by other artists, their environment and the contexts of culture, time and place. Students work in a specific form e.g. ceramics, and will study an artist.

## **GRAPHIC DESIGN (Semester Course)**

This course explores visual communication through a range of media to persuade and inform audiences. Students learn to use a range of design software to create graphics and package designs and apply them to different products. They will also develop the skills to solve problems through the exploration and application of theory and practice. The course will introduce students to logo design, package design and typography whilst learning how to use programs for finalising designs.

### **What are the benefits of choosing Graphic Design?**

- Enhance your creativity and problem-solving skills
- Learn new skills in Adobe design programs
- Create purposeful designs
- The opportunity to present your designs to audiences

### **The Graphic Design Curriculum**

In Year 9, students are given the opportunity to view Australian and international Graphic Design work in society. They will explore the success designers had in persuading and informing audiences through advertisement and identity design work.



## HEALTH AND PHYSICAL EDUCATION

### OUTDOOR RECREATION – Aquatics and Cycling (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 focuses on survival and lifesaving skills in the aquatic environment and introduction to various water based games. Students need to be proficient swimmers who can comfortably complete 200m in closed water and the equivalent or better than Stage 9 of the DOE qualifications for swimming.

Successfully completing the swimming component of this course will satisfy the entry requirement for the swimming level for students wishing to enrol in General Outdoor Education in senior school or in Outdoor Education in Year 10

In addition to this, in term two students will undertake a cycling program designed to promote safe cycling and further development of higher level cycling skills. Cycling skills covered in this course will be relevant to prospective students enrolling in General Outdoor Education in senior school.

***Students selecting this course need to have a roadworthy bicycle and helmet and be prepared for flexi- time arrangements that may start at 7:00 am or finish at 4:00 pm, 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 2021.**

### OUTDOOR RECREATION – Roping, Camp Craft & 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.

The roping element of this course is designed to equip students with a sound knowledge of knots and their uses as well as the properties of ropes. In addition to these fundamental skills students will have the opportunity to attend excursions to the The Cube at Woodman Point and attend sessions on Bouldering. The Cube is a 13m high recreation facility jam packed with roping and climbing activities. Bouldering is a form of rock climbing that is performed on small rock formations or artificial rock walls.

The practical application of knots is further enhanced with the fishing component of the course. Students will learn the basics of fishing, including rigging, casting and a variety of techniques

and strategies to catch fish. Practical sessions will take place in a variety of locations including Mt Henry Bridge, Woodman's Point, Point Walter and the North Mole.

An introduction to Camp Craft Skill is included in this semester and includes how to correctly use a Trangia, basic camp cooking skills and how to put up and maintain a tent.

Through the activities of roping, fishing, and camp craft, the students will have the opportunity to acquire relevant skills to enable them to prepare and plan for outdoor related pursuits and provide a great background for enrolling in further Outdoor Education programs in Year 10 and in senior school.

***Students selecting this course need to be prepared for flexi-time arrangements, which include starting at 7:00am of finishing at 4:00 pm, 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 2021.**

## **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, speedminton and tennis.

This course is beneficial to students interested in selecting Physical Education Studies or the Certificate II in Sports and Recreation 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 2021.**

## **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 and Recreation 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 2021.**

**PHYSICAL RECREATION – Semester Course Only – (Available in Semester 1 and 2)**

The course will provide students with the opportunity to participate in a wide variety of recreational activities to allow students to demonstrate the Health & Physical Education Outcomes.

In consultation with the students a selection of activities will be chosen from the following lists.

Activity Group 1	Activity Group 2
<p style="text-align: center;">           Archery            Indoor Cricket            Indoor Netball            Ice-Skating            Lawn Bowls            Supa Golf            Multi Sports            Speedminton         </p>	<p style="text-align: center;">           Golf            Floor-ball            Mini-Tennis            Ultimate Frisbee            Frisbee Golf            Bocce            Skating            Table Tennis            Beach Volleyball            Battle Blocks         </p>

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

***Students selecting this course need to be prepared for flexi - time arrangements, which include starting at 7:00 am or finishing at 4:00 pm, 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 2021.**

## LANGUAGES

In Year 9, Languages are an elective subject. The course is designed for students who are continuing their study of either French or Japanese from Year 8. Students will build on their developing language skills in order to become more proficient in communicating their needs and sharing information about the personal world in the target language.

Through reflecting on their own use of language, students will also acquire an understanding of the role of language and culture in human communication. The mechanics of second language learning will contribute to general literacy capabilities and an appreciation of how our own language works.

Language learning broadens students' horizons to include the personal, social, and employment opportunities that an increasingly interconnected and interdependent world presents. The interdependence of countries means that people in all spheres of life have to be able to negotiate experiences and meanings across languages and cultures. It has also brought the realisation that, despite its status as a world language, a capability only in English is not sufficient, and a bilingual or plurilingual capability is the norm in most parts of the world.

## JAPANESE

The Year 9 Japanese Course is a continuation from Year 8 Japanese. Topics covered in Year 9 include daily routines, around the home, school life, seasons, shopping and describing people. The ability to read and write Hiragana and Katakana is expected for students to be successful in this course.

*Students who have not previously studied Japanese are strongly encouraged to speak to Ms Burrows ([sarah.burrows@education.wa.edu.au](mailto:sarah.burrows@education.wa.edu.au)) prior to completing their subject selections to discuss their suitability to take the language in Year 9.*

## FRENCH

The Year 9 French course is a continuation from Year 8 French. Topics covered in Year 9 include daily routines, describing feelings and health, talking about nationalities and traveling. The ability to apply and transfer their understanding of basic French grammar is expected to be successful in this course.

*Students who have not previously studied French are strongly encouraged to speak to Mrs Spears ([Florence.spears@education.wa.edu.au](mailto:Florence.spears@education.wa.edu.au)) prior to completing their subject selections to discuss their suitability to take the language in Year 9.*

## 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	Metal Technology	Food, Gifts and Creative Textiles
Law and Criminal Investigations	Photography	
	Wood Technology	
	Computer Drawing	

### BUSINESS AND INFORMATION TECHNOLOGY

The wide-ranging courses offered by the Business and IT department give students a wealth of knowledge and the 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 Investigation.

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

Law and Criminal Investigation 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 (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 design.

Games 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, Makey Makey's, Micro: bits and an introduction to 3D Printing 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)**

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 involves hands-on learning, in which students will learn by doing!

All courses are based on student willingness to engage in the practical application of knowledge by providing a variety of experiences to accommodate their different interests, needs and learning styles. Design and Technology learning experiences also cover a variety of learning areas, 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, students are engaged in the practical, “hands-on” processes of a workshop environment which 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 while working on small engines as well as removing and refitting basic vehicle components. They will be directed through tasks that will involve servicing, repairs and stripping lawnmower engines enabling the students to understand how four and two stroke engines operate. They will also be shown how to use a MIG welder and be given the opportunity to complete welding activities to develop this skill.

### **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.

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.

### **WOOD TECHNOLOGY (Semester Course)**

This is an enjoyable and practical hands-on course which expands student knowledge and develops their skills for working with a wide range of wood and wood products that are commonly used in the woodworking and construction industries. Students construct a variety of projects which involve the correct and safe use of a variety of hand and power tools. Safety and safe working practices are rigidly enforced.

Students learn to interpret working drawings and to modify designs to suit their personal requirements and preferences. They are further 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 (Semester Course)**

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 drawings, 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 and 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 encouraging students to work cooperatively in groups.

### **SEMESTER 2**

#### **FOOD GIFTS AND CREATIVE TEXTILES 2**

Food Gifts and 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.

#### **FUN FOODS (International)**

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 Americas will be explored

## SCIENCE

### FLIGHT (Semester Course)

The Flight program aims to provide opportunities for students to engage in the practical aspects of flying simulators and includes aerodynamics, flight controls and simple manoeuvres of aircraft including take-off and landing. The students will also be introduced aspects of an airport facility such as the runway and taxiway marking. The theoretical aspects of the course include developing the skills to plan a flight using aviation charts and maps. This is an interesting course as the students will also be introduced to the role of an Air-traffic controller and will learn simple radiotelephony. Other aspects like Meteorological report analysis will also be introduced, Such as wide scope will give the students an overall understanding of the world Aviation which they many pick as a career choice in the future.

Why Student study flight?

- Develop fine motor skills to fly aircraft on the flight simulators
- Apply knowledge and understanding of aerodynamics, global weather systems and human factors
- This is an integrated course exploring applied aspects of Science, Engineering and the Aviation industry.