



LEEMING SHS

HARMONY ~ EXCELLENCE

YEAR 10 DIRECTORY 2017



YEAR 10 DIRECTORY 2017

Contents

Course Selection in Year 10	2
The Arts	
• Dance	3
• Drama	4
• Media	4
• Music	4
• Visual Art	4
Health & Physical Education	
• Outdoor Education: Snorkelling/Canoeing	5
• Outdoor Education: Camping, Navigation & Cooking	5
• PE 3 - Racquet Sports	6
• PE 4 - Fitness	6
• PE 5 - Australian Rules Football	6
• PE 6 – Golf	7
• PE 7 – Sports Science	7
Languages – French/Japanese	8
Science and Technology Academy Students	10
Technology and Enterprise	
• Business and Information Technology	
• Accounting - Introduction	11
• Digital Media	11
• Games Design	11
• Robotics	12
• Design and Technology	
• Computer Drawing, Design and Graphics	12
• Mechanical Workshop	13
• Metalwork	13
• Photography	13
• Woodwork	13
• Home Economics	
• Hospitality	14
• East Meets West	14
• Child Development	14

Course Selection in Year 10

All schools in Western Australia base their courses 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 and Learning
3. Phases of Schooling

The curriculum is divided into eight learning areas:

- The Arts
- English
- Health and Physical Education
- Languages other than English
- Mathematics
- Science
- Society and Environment
- Technology and Enterprise

Leeming Senior High School covers these eight learning areas by offering students courses in each of the learning areas.

Reasons for students choosing additional time in some learning areas will depend on their aptitude, interests and goals. By studying at greater depth or breadth students might, for example, be better able to cope with senior school courses to improve their capacity for post school studies at a State Training Provider or University.

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 in year long courses.
- Students who do not submit their form will be placed in courses selected by the School Administration.
- Students who are in the Music and Languages program must commit to a year long course.

Should parents need assistance in selecting elective courses for their child, they should contact the school via email to seek advice from the Year 10 Coordinator or the Student Services Manager, Mrs Ford (julie-ann.ford@education.wa.edu.au).

Details of Courses Offered in Year 10

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 10?

In Year 10 students continue to work in a range of dance genres learning how to effectively lead a dance warm up cool down and stretch. All students are given the opportunity to develop choreographic skills and collaborate with their peers to create dance using the choreographic structures and devices previously learnt. Performance tasks are compulsory and all students must produce a choreographic dance piece for performance.

Is there Dance Curriculum?

The curriculum for dance in Year 10 continues on from the previous year's content and aims to prepare the students for the Certificate II in Dance (national accreditation) that proceeds in Years 11 and 12. This includes dance terminology, safe dance, dance fitness, history and evolution of dance and dance from around the world.

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 the subject so far, 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.

In this final lower school dance course, students will continue to extend their dance skills whilst looking at the different roles of past and present.

Drama

Semester Course

Building on the skills and techniques acquired from earlier units, the students in this course will have the experience of developing an original performance piece. Students will experience the process of play building, from improvisation through to polished performance. The course is a culmination of all skills developed in lower school drama.

Media

What is Media at LSHS?

Semester Course

This film and audio course looks at the link between youth culture and popular cultures. The media pastimes of young people are studied in class. The students will film their own productions or make audio documentaries about issues of concern to teenagers.

Music

Year Long Course Only (must be selected in Semester 1 and Semester 2)

This year long course continues the development of aural, theory and practical skills established in Class Music during Year 9. 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.

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 receive 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 3 and Musicianship Practical Grade 4.

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

Visual Art and Craft

Semester Course

The aim of this course is to increase self-expression through drawing, painting, printmaking and sculpture. Students will view and write about other artists' work in relation to their own work. Through these experiences students will also extend their artistic talent and broaden their interest in the world of art.

Health Ed & Physical Education

Outdoor Education **Snorkelling and Canoeing** **Semester Course**

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

This course focuses on the aquatic activities of snorkelling and canoeing.

Students must be able to demonstrate that they can swim 200m, tread water for 10 minutes and duck dive to 2m.

Through snorkelling, we provide the opportunity to develop safe snorkelling and swimming skills and enhance an appreciation of the aquatic environments. The canoeing enables students to work cooperatively and, through a full day excursion, to plan an expedition to cater for their groups' needs.

All skills covered in this course will be relevant to Certificate II in Outdoor Recreation students 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 on occasions.

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 **Camping, Navigation & Cooking** **Semester Course**

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 course focus is on providing the opportunity to develop the expedition skills associated with camping, camp craft and navigation. Students will undertake activities such as orienteering, camp cooking, expedition skills and minimal impact techniques to achieve these outcomes.

The opportunity to participate in an overnight camp or a full day excursion will be offered as a culmination to this course to enable the students to demonstrate these skills in a practical camping situation.

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

Students will be involved in flexi-time, i.e. start at 7.30 am or finish at 4.00 pm on occasions.

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 3 - Racquet Sports Semester Course

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.

Please note this course incurs additional charges.

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 4 - Fitness Semester Course

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
- RPM – indoor cycling workout with powerful music
- PILATES – focus on core postural muscles for balance and back support

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

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 5 – Australian Rules Football (Male) (Elective) Semester Course

The course is designed for students who want the opportunity to further develop their skills in Australian Rules Football.

In addition to skill development, other areas, such as umpiring, physical conditioning, diet and football management will be covered through a guest speaker program.

A focus of the course will be the participation, as a team, in a full day carnival in term 2 to enable students to demonstrate their skills under match conditions.

Physical Education 6 - Golf Semester Course

The course is designed for students who want to further develop their skills in the game of golf. Apart from skill development, students are encouraged to learn about the history and etiquette of the game. The ability to use local golf facilities will also enhance the student's performance. Excursions are conducted later in the course to enable students to play extended rounds of golf.

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 - Sports Science Semester Course

This course is designed as an introduction to the following 3 subjects that students can select to study in Senior School: ATAR Physical Education Studies, General Physical Education Studies and Certificate II Sport Coaching. The course has both theoretical and practical components and will be assessed on a 50% theory and 50% practical basis.

The theoretical component of the course covers the following core areas: Functional Anatomy, Biomechanics, Exercise Physiology, Sport Psychology and Motor Learning & Coaching. This will involve classroom work and the practical application of key concepts in physical laboratory type contexts.

The practical component of the course focuses on developing specific skills and the application of tactical concepts in selected sports such as volleyball, badminton and basketball.

Languages

Year 10 students entering Year 11 need to be aware of the following recommendation with regard to upper school subject selection.

Subject in Year 11	Hours per week in Year 10	Minimum Achievement in Year 10 to proceed to Year 11
French (TES) (4 hours per week)	Semester 1 2 hours Semester 2 2 hours	Grade C
Japanese: Second Language (TES) (4 hours per week)	Semester 1 2 hours Semester 2 2 hours	Grade C

Links between Year 11 and Year 12 subjects in LOTE are as follows:

Subject in Year 11	Subject in Year 12
French 2AB ATAR	French 3AB ATAR
Japanese: Second Language 2AB ATAR	Japanese: Second Language 3AB ATAR

French

Year Long Course (must be selected in Semester 1 and Semester 2)

The French course is outcome-based, focusing on the areas of listening, speaking and responding, reading and viewing and writing. Through topics and themes, using the target language in the classroom, students develop a practical knowledge of French language and culture.

Year 10 French

****It is recommended that students complete Years 8 and 9 courses.***

Students new to French must see the French Teacher of Year 10 personally before making a decision.

An increasing knowledge of different tenses allows students to extend their written achievements whilst continuing to develop their oral skills throughout language activities.

Students will be aiming to communicate successfully with their teacher and each other.

Topics include such areas as planning to go out, describing what's on TV or at the movies, what young French people eat, planning holidays, travelling and finding accommodation.

Students continue to extend and consolidate their knowledge of French language and culture; providing a sound base should they wish to continue their studies in Upper School.

Students may be able to apply to visit La Reunion as part of an exchange programme.

Japanese

Year Long Course (must be selected in Semester 1 and Semester 2)

The Japanese course is student-centred and outcomes based and the target language is used whenever possible. The grammar structures are analysed to enable students to achieve practical outcomes in the areas of:

- Speaking
- Listening
- Viewing and reading
- Writing

Year 10 Japanese

****It is recommended that students complete Years 8 and 9 courses.***

Students new to Japanese must see the Japanese Teacher of Year 10 personally before making a decision.

In this unit students extend skills of listening, responding, speaking, viewing, reading and writing via language activities. These activities are student - centred and are designed to help students to communicate in Japanese with their peers/teachers/Japanese visitors successfully.

Students continue to build on their Katakana and Hiragana script and they are introduced to the Kanji writing system.

Topics include such areas as invitations, transport arrangements, telephone conversation, giving directions and providing location descriptions, ordering food at restaurants, describing seasons and the weather, shopping, writing letters, emails and other forms of communication.

Students will consolidate the skills they have acquired in Japanese and they will increase their understanding of how language and culture intertwine.

Students will also learn the logic of the Japanese language system. Hence they learn to think logically about language structures.

Satisfactory completion of this course will enable students to continue Japanese studies in upper school.

Students of Year 10 may be able to apply for a trip to Japan or to host a Japanese Student (when an exchange group from Japan visits us).

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 and 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

Business and Information Technology

The wide ranging courses offered by the Business and IT department give students a wealth of knowledge and many opportunities to experience the world of business and technology. We provide students with valuable skills and knowledge in a range of subjects which include a variety of software packages.

Year 9 students entering Year 10 need to be aware of the following recommendations with regard to Upper School subject selections.

Subject in Year 11	Recommended Subject	Appropriate level of achievement in Year 10
Accounting and Finance	Mathematics English	B grade C grade
Politics and Law	Society & Environment English	B grade C grade
Applied Information Technology	Mathematics English	B grade C grade

Accounting - Introduction Semester Course

This course introduces the students to basic concepts involved in Accounting and will help the students who are planning to study Accounting and Finance in Year 11.

Content covered in this course includes the accounting process, the accounting equation and the source documents required to prepare the general journal, general ledger, trial balance and balance sheets.

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.

It 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. They 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 that 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.

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 emphasised in all Design and Technology courses.

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 continue to develop the skills used in drafting, architecture, engineering and graphic design, however, the focus of the course will move toward using the design process to develop more complex designs and ideas. Students will have individual access to computers, specialist software, printers, plotters and vinyl cutters to produce their designs and will be expected to produce a folio of work demonstrating their skills and understanding of the design process.

Mechanical Workshop Semester Course

Students are directed through activities to develop skills in Mechanical Servicing and Repair and the use of welding equipment. The students will work on car engines and the associated components enabling them to understand how the car works. They will be involved in dismantling cars and engines, servicing engines, stripping components, oxy-acetylene welding and MIG welding.

Metalwork Semester Course

This course develops self-confidence in the use of complex skills and techniques using a combination of hand tools and specialised equipment. After completing a set project, students are encouraged to be involved in project development from the design through to the construction stage. Manipulative skills with machine and hand tools are developed to a high degree of competence.

Photography Semester Course

In this unit the students are able to further broaden their camera, processing and presentation skills including the use of strobe lighting and light modifiers in the studio. The course is practically based with the work completed digitally using Nikon digital SLR cameras. Students will also use Adobe Photoshop, Adobe Bridge, Photomatix and iWork software to complete coursework, produce images and complete a digital portfolio. Practical assignments are photographed at locations away from the school to offer the students a greater variety of environments and opportunities in image capture. The folios produced may be used to assist the student to gain employment or gaining entrance to further education courses. The knowledge gained will also allow students to better understand, create and interpret images in our increasingly visual world.

Students will be required to attend excursions as part of this course.

Woodwork Semester Course

In this practical course, students are encouraged to take a greater role in decision making related to the design and construction of their projects. Students will be able to develop their skills by making greater use of the industrial machinery available to cut, join and finish a variety of materials. Part of the course is structured to ensure competence in the use of machinery and basic construction techniques. The remaining time is available for students to develop their skills in an area (or areas) of personal choice. Furthermore, students will be encouraged to become proficient in planning and costing projects as well as developing procedures for their construction.

Home Economics

The main focus of Home Economics is about the wellbeing of people in their everyday lives. In Home Economics classrooms students have the opportunity to design and produce using a range of materials to meet identified needs and to develop and implement systems in food preparation, clothing construction and childcare.

Students are encouraged to work independently, explore alternatives and to develop enterprising skills particularly using the Technology Process.

Hospitality

Year Long Course (must be selected in Semester 1 and Semester 2)

Hospitality is a subject for students that have a passion for cooking and or they are considering taking Food Science and Technology in Upper school. This is also a subject for students who enjoy cooking particularly for special occasions. Hospitality will develop skills in cooking, catering for special events and working as part of a team to meet goals.

East Meets West

Semester Course Only

The East meets West subject explores the authentic ingredients and use of equipment from a variety of Asian countries. Students will have the opportunity to taste a variety of Asian cuisine and prepare authentic dishes. The subject explores countries such as Malaysia, Japan, Thailand, Vietnam and India.

Child Development

Full Year Course Only (must be selected in Semester 1 and Semester 2)

This is a subject for students interested in child care, community services, early childhood teaching and health care as possible career choices in the future.

Topics that will be covered in this subject over the two semesters include; pregnancy, birth and the baby and different types of development. The students will have an opportunity to work with the virtual babies and take them home as part of the subject.

Students will also be developing suitable activities for year one students and will be visiting a local primary school to trail their activities with the children.

Students will also be completing one VET unit in Communication which can go towards a Certificate in Upper school (Certificate II in Community Services – Childcare).