



**LOCKYER  
DISTRICT**  

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**HIGH SCHOOL**

**YEAR 9 2019  
SUBJECT SELECTION  
HANDBOOK**



## ***Curriculum overview***

Year 9 is an exciting time for students at Lockyer District High School. Our Junior Secondary philosophy suggests that adolescent learners have a growing desire for independence and need for opportunities to negotiate. Consequently, we believe that Year 9 is the appropriate time for students to make decisions regarding subject choices. In 2019, Year 9 students will study 7 subjects; five that are core (compulsory) subjects and two that are elective subjects (student's choice).

## ***Core Subjects***

All Year 9 students will complete a year of study in five core curriculum subjects. These subjects are compulsory as outlined by the Australian Curriculum and the Queensland Curriculum and Assessment Authority. Core subjects at LDHS include English, Mathematics, Humanities, Science and Health & Physical Education. All remaining subjects are elective choices, of which students may choose two (2) to study in Year 9.

## ***Elective Subjects***

Two of the following subjects will be chosen by each student. These two subjects will be studied for the whole year of Year 9, 2019.

- Dance
- Drama
- Music
- Visual Arts
- German
- Food Technology
- Home Economics
- Digital Technology
- Graphics
- Information, Design & Technology
- Agricultural Science
- Challenge, Solve, Investigate (CSI – Science, Technology, Engineering, Arts, Agriculture and Maths focus)

## English

Core / Elective	Core
Contact person	Pamela Cameron - pcame1@eq.edu.au
Subject overview	Students in Year 9 will engage with a variety of texts with the aim of increasing their levels of competence in written, spoken, visual and digital texts through a focus on the three strands of Language, Literature and Literacy.
Content	<i>Hey True Blue</i> – Poetry, Advertising <i>World Shaker</i> – Short Story <i>Stranger than Fiction</i> – Speculative Fiction <i>Clashing Cultures</i> – Novel Study
Assessment	Students will undertake a range of assessment tasks including a Feature Article, a Podcast, an Analytical Essay and a Short Story.

## Mathematics

Core / Elective	Core
Contact person	Christie Robb - crobb15@eq.edu.au
Subject overview	Year 9 Mathematics continues the student's development of Mathematical knowledge from Year 8. This provides the opportunity to build a strong foundation for further study.
Content	Students will study Australian curriculum strands of Number and Algebra, Measurement and Chance and Data. In Year 9 particular emphasis is placed on Trigonometry skills, algebraic application, and advancing number concepts such as proportion and index notation.
Assessment	The assessment schedule for Mathematics will be a combination of short response exams and in class assignments.

## Science

Core / Elective	Core
Contact person	Judy Schultz – jschu243@eq.edu.au
Subject overview	In Year 9, students will study science under the Australian Curriculum Framework. Students will study three strands of science; Science Understanding, Science as a Human Endeavour, and Science Inquiry Skills. Within each of these strands, term long units of Biological Science, Chemical Science, Earth Science, and Physical Science will be covered. These units are based in real world contexts and use an inquiry approach, promoting skill development and higher order thinking.
Content	Physical Science – <i>Energy &amp; Waves</i> Earth Science – <i>Our Volatile Earth</i> Chemical Science – <i>Atoms, Materials and Reactions</i> Biological Science – <i>My Life in Balance</i>
Assessment	Assessment may include: supervised tests, experimental investigations, extended response task (assignment), and a field studies task.

## Humanities

Core / Elective	Core
Contact person	Liz Taylor - etayl1@eq.edu.au
Subject overview	Years 9 Humanities consists of the following subjects: Civics & Citizenship; Economics; Geography and History. Each subject is taught separately, but all are focused on studies drawn from a regional, national, and global scale, with an emphasis on how, individually and collectively, we can actively participate in society. Throughout the course of study, students will gain skills that will equip them for studying Humanities in the senior school.
Content	Focus content for each subject: <i>Civics &amp; Citizenship</i> – current issues, e.g. citizenship <i>Economics</i> – understanding economic systems in Australia <i>Geography</i> – investigating world biomes <i>History</i> – investigating the 'Making of the Modern World'
Assessment	Assessment is varied. Tasks include short response tests, stimulus response tests with a focus on the application of skills, research reports, essays, and research reports and multi-modals.

## Health and Physical Education

Core / Elective	Core
Contact person	Ron Weatherby - rweat1@eq.edu.au
Subject overview	Health and Physical Education (HPE) specifically aims to develop an awareness of health and social issues and the impact on an individual's health. This course will develop practical skills and theoretical concepts, which will form a solid foundation for students to continue with Health and Physical Education in their senior studies (Years 10-12).
Content	Term 1 – Respectful Relationships + Basketball/Netball Practical Term 2 – Community Health + Softball/Athletics Practical Term 3 – Sustainable Health: Drugs + AFL/Soccer Practical Term 4 – Active Aussies + Table Tennis/Volleyball
Assessment	Term 1 – Exam (NAPLAN based) Term 2 – Assignment Term 3 – Journal Article Term 4 – Exam (Short Response)

## Agricultural Science

Core / Elective	Elective
Department/ Contact person	Science: Judy Schultz – jschu243@eq.edu.au
Subject overview	Junior Agricultural Science is a mixed course of theory work and practical work. Year 9 Agricultural Science covers an Introduction to Agriculture and Cattle Management in Semester One. Semester Two covers Poultry and Technology in Agriculture.
Content	Some of the topics covered in the Semester One and Semester Two units include: <ul style="list-style-type: none"> <li>• History of farming in the Lockyer Valley</li> <li>• WH and S issues</li> <li>• Cattle and poultry breeds, their origins and characteristics</li> <li>• Cattle and poultry digestive systems and reproductive systems</li> <li>• Reproductive technologies</li> <li>• Animal health</li> <li>• Poultry production</li> <li>• Technology in Agriculture</li> <li>• Future of Agriculture</li> </ul>
Assessment	Assessment includes supervised tests, assignments and investigations.

## Visual Arts

Core / Elective	Elective
Department/ Contact person	The Arts Sue Insley - sinsl4@eq.edu.au
Subject overview	The Yr 9 Visual Art course allows students to develop and express their creativity through the exploration of a wide variety of interesting media and themes.
Content	Students studying Year 9 Visual Arts will engage in the following content: Still Life drawings; Lino printed designs derived from nature; Fine Arts Analysis; Expressive painting and mixed media projects; Fun creations of over-sized Pop Art Papier Mâché sculptures; Reflective Writing.
Assessment	Students will participate in group work and exploration of social issues underpinned by social commentary. Elements assessed in Year 9 Visual Arts include drawing and painting skills, group work, lino printing and sculpture skills as well as an analysis of fine arts.

## Drama

Core / Elective	Elective
Department/ Contact person	The Arts Sue Insley - sinsl4@eq.edu.au
Subject overview	Students will participate in mostly practical activities throughout the Year 9 Drama course. They focus on Movement and Voice that will further their understanding of the processes and applications of Drama and its place in the world. Through the study of Drama in Year 9, students will gain empathy, self-confidence, and a deeper understanding of the human condition.
Content	Throughout the year, students will study and participate in the following areas: <i>The Elements of Drama</i> <i>Mask, Mime and Movement</i> <i>Shakespeare's Romeo and Juliet</i> <i>Critical analysis of Drama</i>
Assessment	The Elements of Drama - Written Exam Creation and Presentation of Mask Performance Performance of Shakespeare's <i>Romeo and Juliet</i> Critical Review in response to live theatre.

## Dance

Core / Elective	Elective
Department/ Contact person	The Arts Sue Insley - sinsl4@eq.edu.au
Subject overview	Dance in Year 9 is an introduction to the art form and is the first time students can take up this elective as a class option. Students investigate the many different genres of dance and its ever-changing nature. Students who learn dance at school learn discipline, teamwork and develop a sense of accomplishment and pride in themselves and their class having worked towards developing a performance.
Content	In Year 9 students will study: <i>Safe Dance Practice</i> – Students understand the importance of stretch and strength and how to look after your body. <i>Musical Theatre</i> - Introduction to 'Jazz' style and performance for stage and screen. <i>Introduction to Contemporary Dance</i> - A look into classical ballet in a historical sense and its importance in the development of modern dance. <i>Hip Hop</i> - A look into the cultural phenomenon that is hip hop. Its origins, styles and place in today's society.
Assessment	Students are assessed in three areas; Performance, Choreography and Appreciation. Performance tasks require students to perform in a group, a set routine to their class. Choreography tasks require students to create and perform in groups their own dance work. Appreciation tasks require students to analyse dance works of professional companies.

## Music

Core / Elective	Elective
Department/ Contact person	The Arts Sue Insley - sinsl4@eq.edu.au
Subject overview	Music in Year 9 explores the exciting world of music by developing and expanding student's musical enjoyment and skills across a wide range of contexts including: listening, composing, analysing and performing.
Content	Units covered throughout the year: <i>Music for Small Groups</i> <i>All that Jazz</i> <i>Square Eyes</i>
Assessment	Each unit assess students' understanding and skills through performance, composition and analysis.

## German

Core / Elective	Elective
Department/ Contact person	The Arts Sue Insley - <a href="mailto:sinsl4@eq.edu.au">sinsl4@eq.edu.au</a>
Subject overview	Students in Year 9 will engage with a variety of themes in order to increase their levels of knowledge and competence in written, spoken, listening and reading forms of the German language.
Content	Term 1 - <i>School Systems</i> Term 2 - <i>The Weather</i> Term 3 - <i>Countries, Nationalities and Languages</i> Term 4 - <i>Travel/Celebrations</i>
Assessment	Students will undertake a range of assessment tasks including Grammar, Vocabulary and Comprehension Exams, a PowerPoint Presentation, a Weather Report, an Information Report and a Travel Journal.

## Digital Technology

Core / Elective	Elective
Department/ Contact person	IT/Business Terilee Powter - <a href="mailto:tpowt1@eq.edu.au">tpowt1@eq.edu.au</a>
Subject overview	Digital Technology is a practical subject, with a theory component, focused on enhancing student's skills using current technology applications. Digital Technology builds students capacity to manage changes in IT. This subject explores Coding fundamentals through Gaming, Robotics, and App Development. Students also use other Multimedia applications and develop transferrable graphic design skills.
Content	Digital Technology content includes: <i>Introduction to Coding fundamentals:</i> Introduction to text coding techniques. <i>Robotics:</i> The use of robotic equipment and software to develop programs that enable movement, sounds, and senses of robots. <i>Image Editing:</i> Create and manipulate images using Multimedia applications (incorporates the social ethics of editing images). <i>App Development:</i> Building on knowledge from Introduction to Coding Fundamentals and Robotics, students implement their skill in a new domain of App creation.
Assessment	Assessment across the units include a combination of: Written and Practical Assessment

## Graphics

Core / Elective	Elective <b><i>Please note this elective has a cost attached to it for materials</i></b>
Department/ Contact person	Practical Arts Simone Edbrooke - sedbr1@eq.edu.au
Subject overview	Graphics in Year 9 is project-based and will be based on the ACARA achievement standards as of 2016 for Design and Technologies. It will follow the Design processes of Investigating, Generating, Producing, Evaluating and Collaborating and managing within a context.
Content and Assessment	Students in Graphics will investigate 2D and 3D projects using Computer aided Drafting (CAD) software such as Inventor to create design projects. Projects include a CO <sub>2</sub> dragster (which they then build in 9ITD) & a Robo wars project (Industrial Graphics). It is important students understand the basic fundamentals of drawings, such as Australian standards, dimensioning, creating surface texture, scale, using logos, charts & diagrams, all of which are covered in the Year 9 Graphics course.

## Information Design and Technology

Core / Elective	Elective <b><i>Please note this elective has a cost attached to it for materials</i></b>
Department/ Contact person	Practical Arts Simone Edbrooke - sedbr1@eq.edu.au
Subject overview	Information Design and Technology in Year 9 is project-based and will be based on the ACARA achievement standards as of 2016 for Design and Technologies. It will follow the Design processes of Investigating, Generating, Producing, Evaluating and Collaborating and managing within a context.
Content & Assessment	Units are based on engineering and materials specialisations, such as wood and plastics. Practical projects such as Metal box with a lid, cake slice, CO <sub>2</sub> dragsters (which they then race on completion and are judged based on criteria for success i.e. design including shape, paintwork, speed and efficiency), timber folding chair.

## Home Economics

Core / Elective	Elective <b><i>Please note this elective has a cost attached to it for materials</i></b>
Department/ Contact person	Practical Arts Simone Edbrooke - sedbr1@eq.edu.au
Subject overview	Home Economics in Year 9 is project-based and will be based on the ACARA achievement standards as of 2016 for Design and Technologies. It will follow the Design processes of Investigating, Generating, Producing, Evaluating and Collaborating and managing within a context.
Content & Assessment	Semester 1 - <i>Textiles and Design</i> - Incorporating fabric colouring and embellishment as well as learning basic sewing skills and using the sewing machine to complete projects. Tasks include room organiser and simple sewing tasks.  Semester 2 - <i>Making Healthy Food Choices</i> - Healthy eating including fast foods (pizza, burgers) and meals for the family (spaghetti bolognese). Skills include modifying recipes to help lower fat, sugar and salt and increase fibre. It is based on The Australian Guide for Healthy Eating and Dietary Guidelines for Children. <i>Some ingredients will need to be brought from home and work plans produced for their cookery sessions.</i>

## Food Technology

Core / Elective	Elective <b><i>Please note this elective has a cost attached to it for materials</i></b>
Department/ Contact person	Practical Arts Simone Edbrooke - sedbr1@eq.edu.au
Subject overview	Food Technology in Year 9 is project-based and will be based on the ACARA achievement standards as of 2016 for Design and Technologies. It will follow the Design processes of Investigating, Generating, Producing, Evaluating and Collaborating and managing within a context.
Content & Assessment	The Food Technology course integrates practical projects based on food specialisation topics, incorporating food literacy concepts to healthy eating, including soups, salads, pasta cookery, picnics/BBQs. <i>Some ingredients will need to be brought from home and work plans produced for their cookery sessions.</i> Some team activities are also incorporated as part of the collaborating and managing part of the design process and prepare students for Hospitality subjects in the future.

## Challenge, Solve, Inquire (CSI)

Core / Elective	Elective
Contact person	Terilee Powter <a href="mailto:tpowt1@eq.edu.au">tpowt1@eq.edu.au</a>
Subject overview	<p>This is a cross curricular subject focused on developing student interest and skills in the areas of Science, Technology, Engineering, Agriculture, Arts, and Mathematics (STEAM). CSI will ask students to inquire about their world and propose creative solutions to the questions / problems developed. This means that students will develop their independence and the characteristics of a 21<sup>st</sup> century learner.</p> <p>As there are limited places in CSI, this subject has a prerequisite of at least a C result in Year 8 Mathematics, Digital Technology and Science.</p>
Content	<p>Students will study a range of STEAM topics through the units:</p> <ol style="list-style-type: none"> <li>1. Aesthetics - What makes something beautiful?</li> <li>2. Solar powered boats - How can we achieve vehicles using renewable energy and recycled materials?</li> <li>3. Inquiring Minds – Are you a game changer or change maker?</li> <li>4. Humanoids? - How can we engineer technology to preform human-like actions?</li> </ol>
Assessment	Students will complete term-long inquiries in teams and individually communicate their process and conclusions using a range of genres.