
















# Lanyon High School



## 7&8 Design Technology

Identify curriculum	Achievement standard	<p>By the end of Year 8, students explain factors that influence the design of products, services and environments to meet present and future needs. They explain the contribution of design and technology innovations and <b>enterprise</b> to society. Students explain how the <b>features</b> of <b>technologies</b> impact on designed solutions and influence design decisions for each of the prescribed <b>technologies contexts</b>.</p> <p>Students create designed solutions for each of the prescribed <b>technologies contexts</b> based on an evaluation of needs or opportunities. They develop <b>criteria for success</b>, including sustainability considerations, and use these to judge the suitability of their ideas and designed solutions and processes. They create and adapt design ideas, make considered decisions and communicate to different audiences using appropriate technical terms and a range of <b>technologies</b> and graphical representation techniques.</p> <p>Students apply <b>project management</b> skills to document and use <b>project</b> plans to manage production processes. They independently and safely produce effective designed solutions for the intended purpose.</p>	
Teaching and learning	Term overview (unit can be taught once in either Yr 7 or Yr 8)	<p><b>Safety</b></p> <ul style="list-style-type: none"> <li>- Workshop/Textiles room orientation</li> <li>- Safety booklet</li> <li>- Safety test</li> </ul> <p><b>Design Process</b></p> <ul style="list-style-type: none"> <li>- Introduction to the design process</li> <li>- Planning/problem solving/Designing</li> <li>- Evaluation/Appraisal</li> </ul> <p><b>Skill Acquisition</b></p> <ul style="list-style-type: none"> <li>- Hand tools</li> <li>- Sewing machine orientation</li> <li>- Screen printing</li> </ul> <p><b>Project - Folding stool</b></p>	
	General capabilities & Cross curriculum priorities	<p> Literacy       Personal and social capability</p> <p> Numeracy</p> <p> Critical and creative thinking       Aboriginal and Torres Strait Islander histories and cultures</p>	
	Key to general capabilities and cross-curriculum priorities	<p> Literacy       Numeracy       ICT capability       Critical and creative thinking       Ethical behaviour       Personal and social capability       Intercultural understanding</p> <p> Asia and Australia's engagement with Asia       Sustainability       Aboriginal and Torres Strait Islander histories and cultures</p>	
Develop assessment	Assessment	Week	Assessment
		3	Safety modules
		6	Design folio/design process
		10	Folding stool design brief/ Practical Skills.
		Ongoing	Skills development
Make judgments and use feedback	Moderation	Teachers moderate samples of design folios to ensure consistency of judgments.	

