

## Year 7 Curriculum Overview [2022-2023]

### Subject – Technology

Knowledge & Understanding			Literacy Skills	Employability Skills [if any]	Assessment Opportunities
Composites	Components [includes understanding of KEY concepts & subject specific vocab]	Formal Retrieval [if any]	Opportunities for developing literacy skills		
9 Lessons – Design Technology – Mini light project					
<ul style="list-style-type: none"> <li>• Research skills</li> <li>• Materials/tools</li> <li>• Technical</li> <li>• Design skills</li> <li>• Making skills</li> </ul>	<ul style="list-style-type: none"> <li>• Design problem</li> <li>• Design brief/specification</li> <li>• Plastic properties</li> <li>• LED lights</li> <li>• Packaging</li> <li>• Prototyping, iterative design, CAD/CAM</li> <li>• CAD/CAM – laser cutter</li> <li>• Health and Safety</li> </ul>	<ul style="list-style-type: none"> <li>• Measurements</li> <li>• Scale</li> <li>• Technical Drawing Skills</li> </ul>	<ul style="list-style-type: none"> <li>• Reading for research</li> <li>• Listening skills</li> <li>• Comprehension</li> <li>• Evaluating</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Aided Design</li> <li>• Sustainability</li> <li>• Independent work</li> <li>• Listening skills</li> <li>• Communication skills</li> <li>• Time management</li> <li>• Following instructions</li> </ul>	<ul style="list-style-type: none"> <li>• Summative theory assessment</li> <li>• Assessment of final product and self-evaluation</li> </ul>
9 Lessons – Design Technology – Steady hand game					
<ul style="list-style-type: none"> <li>• Research skills</li> <li>• Circuits</li> <li>• Materials/tools</li> </ul>	<ul style="list-style-type: none"> <li>• Design brief/specification</li> <li>• Drawing of circuits</li> <li>• Producing circuits</li> <li>• Plastic</li> </ul>	<ul style="list-style-type: none"> <li>• Circuits</li> <li>• Drawing skills</li> <li>• </li> </ul>	<ul style="list-style-type: none"> <li>• Listening skills</li> <li>• Communication</li> <li>• Evaluating</li> <li>• Annotating</li> </ul>	<ul style="list-style-type: none"> <li>• Independent work</li> <li>• Listening skills</li> <li>• Communication skills</li> <li>• Time management</li> </ul>	<ul style="list-style-type: none"> <li>• Summative theory assessment</li> <li>• Assessment of final product and self-evaluation</li> </ul>

<ul style="list-style-type: none"><li>• Design skills</li><li>• Making skills</li></ul>	<ul style="list-style-type: none"><li>• Vacuum former</li><li>• Iterative design</li><li>• Drawing techniques</li><li>• Health and safety</li><li>• Vacuum former</li></ul>			<ul style="list-style-type: none"><li>• Following instructions</li><li>•</li></ul>	
---	---	--	--	--	--