

<p>Students will have the opportunity to complete 2 rotations of Design Technology during the course of the year</p> <p>Transferable skills</p> <ul style="list-style-type: none"> <li>• Problem-solving</li> <li>• Creativity</li> <li>• Critical thinking</li> <li>• Time management</li> <li>• Research skills</li> <li>• Decision-making</li> <li>• Resilience / perseverance</li> <li>• Practical and technical skills</li> <li>• Digital skills (e.g., CAD)</li> <li>• Evaluation and analysis</li> <li>• Attention to detail</li> </ul>	<p style="text-align: center;"><b>Trinket Box</b></p> <p>Students will make a wooden trinket box with acrylic lid</p> <p><b>Key Concepts/ Skills</b></p> <ul style="list-style-type: none"> <li>• Different type of timbers</li> <li>• Working drawing</li> <li>• Practical skills – using a tenon and coping saw, filing</li> <li>• Different wood joints</li> <li>• CAD skills – 2D design</li> <li>• Production plan</li> <li>• Evaluation</li> </ul>	<p style="text-align: center;"><b>Character Design</b></p> <p>Students will design and 3D print a computer game character</p> <p><b>Key Concepts/ Skills</b></p> <ul style="list-style-type: none"> <li>• 3D CAD skills - Sketchup</li> <li>• Market analysis</li> <li>• Designing skills</li> <li>• 3D printing</li> </ul>
<b>Assessment</b>		<b>Reading</b>
Practical work completed		<ul style="list-style-type: none"> <li>- Project brief and specification</li> <li>- Contextual research pages (text + images)</li> </ul>
<b>Enrichment</b>	<b>Careers</b>	
<ul style="list-style-type: none"> <li>• Extra-curricular Trips</li> <li>• After school Clubs</li> <li>• Local/School Competitions</li> <li>• STEM Workshops</li> </ul>	<p>Carpenter / Joiner / furniture maker Product designer/ model maker/ CAD technician</p>	
<b>Useful resources and revision</b>		
<ul style="list-style-type: none"> <li>- <b>BBC Bitesize</b> – Clear explanations, short videos, and quizzes for GCSE Design &amp; Technology topics.</li> </ul>		

## Year 7 Curriculum Overview: Design Technology

		<ul style="list-style-type: none"><li>- <b>Seneca Learning</b> – Interactive revision with quizzes and exam-style questions</li></ul>
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