

<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>Speaker Project</b></p> <p style="text-align: center;">Students will design and make an acrylic Speaker with an electrical component.</p> <p><b>Key Concepts/ Skills</b></p> <ul style="list-style-type: none"> <li>• Product Analysis</li> <li>• ACCESSFM</li> <li>• Typography</li> <li>• Logo Design</li> <li>• Designing Skills</li> <li>• Soldering/Electronics</li> <li>• CAD skills – 2D design</li> <li>• Evaluation</li> </ul>	<p style="text-align: center;"><b>Table Art Project</b></p> <p style="text-align: center;">Students will design and make an acrylic Table Art for a themed event.</p> <p><b>Key Concepts/ Skills</b></p> <ul style="list-style-type: none"> <li>• CAD skills – 2D Design</li> <li>• Design Brief/Specification</li> <li>• Prototyping</li> <li>• SCARED (Design Development)</li> <li>• Designing skills</li> <li>• Circuits/Electronics - Crumble</li> <li>• Evaluation</li> </ul>
<b>Assessment</b>		<b>Reading</b>
Practical work completed		<ul style="list-style-type: none"> <li>- Project brief and specification</li> <li>- ACCESSFM</li> <li>- Contextual research pages (text + images)</li> </ul>
<b>Enrichment</b>	<b>Careers</b>	<b>Useful resources and revision</b>

## Year 8 Curriculum Overview: Design Technology

<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>Product Designer/Design Engineer/Graphic Designer/CAD Technician/Electronics Technician/Industrial Designer</p>	<ul style="list-style-type: none"><li>- <b>BBC Bitesize</b> – Clear explanations, short videos, and quizzes for GCSE Design &amp; Technology topics.</li><li>- <b>Seneca Learning</b> – Interactive revision with quizzes and exam-style questions</li></ul>
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