



## 3D Design

The 3D design pathway follows on from the skills-based lessons in Year 9 resistant materials and 3d design. It is designed for pupils who enjoy the practical side of the project and can work independently, communicating their ideas and interests.

### Year 10

Autumn Term	Spring Term	Summer Term
<p><b>Half Term 1</b> <b>Basic Skills</b></p> <ul style="list-style-type: none"> <li>• Introduction to 3D Design</li> <li>• Introduction to Assessment objectives</li> <li>• Investigation and research</li> <li>• Analysis of “A Dying Trade” Poem</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Marking, measurements and conversion</li> <li>• Model Making</li> <li>• 3D construction</li> <li>• Experimentation</li> <li>• Card Board construction</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Sculptures – The Boyle family</li> <li>• Experimentation cardboard studies</li> <li>• Clay introduction</li> </ul>
<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Analysis of newspaper and articles</li> <li>• Sculpture - Joshua Smith</li> <li>• Discussion and analysis</li> <li>• Observational drawing</li> <li>• Presentation and Portfolio work</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Typography development</li> <li>• Graffiti experimentation</li> <li>• Development of ideas and design</li> <li>• Artist – Hank Cheng</li> <li>• Presentation and portfolio work</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Planning and design</li> <li>• Measuring and marking</li> <li>• Wood Construction</li> <li>• Coping saw</li> <li>• 3D modelling, 3D printer</li> <li>• Final outcome</li> <li>• Presentation and portfolio work.</li> </ul>



## Year 11

Autumn Term	Spring Term	Summer Term
<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• Personal independent project</li> <li>• Research.</li> <li>• Testing.</li> <li>• Experimentation.</li> <li>• Annotation.</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• <b>Externally set task prep period</b></li> <li>• Artist/designer research</li> <li>• Experimental work to a personal response.</li> <li>• Drawing</li> <li>• Research and analysis</li> <li>• Processes e.g. – collage, laser cutting, vinyl cutting, sublimation and decoupage.</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>• <b>Refining coursework.</b></li> <li>• Composition.</li> <li>• Testing, analysis and evaluation.</li> <li>• Annotation</li> </ul>
<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Personalised project.</li> <li>• Annotation.</li> <li>• Composition.</li> <li>• Form/function.</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>• Externally set project.</li> <li>• Experimental work to a personal response.</li> <li>• Applying colour – experimentation on materials</li> <li>• <b>Final externally set task exam.</b></li> </ul>	<p><b>Half Term 2</b></p>