

Calendar	Topic	Assessment	Sequencing and Coherence <i>concepts - themes - skills</i>	Literacy <i>reading - vocabulary - oracy - writing</i>
<b>Autumn Half Term 1</b>  <b>and</b>  <b>Autumn Half Term 2</b>	<p><b>(1) Polymers</b></p> <p><b>Project</b></p> <ul style="list-style-type: none"> <li>- mind map and task analysis</li> <li>- Sizes research and percentage increase</li> <li>- Sketch ideas</li> <li>- development models</li> <li>- Selected Design Idea and Photo of model. Complete any sketches/research</li> <li>- 2D Design drawings</li> <li>- Final design development</li> <li>- Manufacturing</li> <li>- Evaluating</li> </ul> <p><b>Theory</b></p> <ul style="list-style-type: none"> <li>- 1.10 Polymers</li> <li>- 1.13 Design and Technological Practice</li> <li>- 1.14 Challenges that influence processes of designing and making</li> </ul> <p>1.15 Investigate and analyse the work of other professionals and companies to inform design</p>	<p>Pupils to self-assess the tasks using the success criteria shared in class</p> <p>Formal teacher assessment, with detailed written feedback and next steps targets</p> <p>All project work will be assessed using NEA grading criteria</p> <p>Regular verbal feedback will be given in class</p> <p>Exam questions will be graded using the assessment criteria from the exam mark schemes, or teacher mark schemes written in the style of the EDEXCEL criteria</p>	<p><b>Project</b></p> <p>Polymers is the specialist materials are undertaken, demonstrating the techniques and processes required for knowledge when covering the Specialist theory content in Year 11</p> <p><b>Theory</b></p> <p>The materials and theory topics covered support the projects undertaken and form a logical sequence.</p>	<ul style="list-style-type: none"> <li>- Paired / class discussions</li> <li>- Use of key terms – definitions to be written by the pupils in the key word glossary at the back of their notebooks</li> <li>- Short &amp; long answer exam questions</li> <li>- relevant articles to be shared and discussed as they arise in the media</li> </ul>