

Curriculum intent (overview) – To deepen students' skills and knowledge through a broad and balanced curriculum which prepares students for adulthood.

Class – Year 9 Explorer Curriculum - Subjects/Lessons weekly

Year	2025 – 2026 Autumn 1	2025 – 2026 Autumn 2	2025 – 2026 Autumn 1	2025 – 2026 Autumn 2	2025 – 2026 Autumn 1	2025 – 2026 Autumn 2
2025-2026	<p>Topic: Wooden garden Planter</p> <p>Suggested Key Questions:</p> <p>What materials are appropriate for outdoors/nature?</p> <p>What are the important features of a planter?</p> <p>What techniques do we use to join wood. (Dowel Joint)</p> <p>How do we stay safe when using tools made of wood?</p> <p>Key Skills and Knowledge:</p> <p>Using skills including accurate measuring and use of templates.</p> <p>Selecting a variety of tools for appropriate purposes.</p> <p>Using tools to create a smooth finish.</p> <p>Adapting designs to make the product unique.</p>	<p>Topic: Calendar Blocks</p> <p>Suggested Key Questions:</p> <p>What are the basic shapes of animals?</p> <p>What material can be shaped and carved accurately?</p> <p>How can we represent an animal with a particular shape? (using templates)</p> <p>How can we finish and display our carvings?</p> <p>Key Skills and Knowledge:</p> <p>Using skills including accurate measuring and use of templates.</p> <p>Selecting a variety of tools for appropriate purposes.</p> <p>Using tools to create a smooth finish.</p> <p>Adapting designs to make the product unique.</p>	<p>Topic: Drawing from Perspective</p> <p>Suggested Key Questions:</p> <p>How do we draw 3D objects accurately?</p> <p>What does it mean to draw from a perspective?</p> <p>What is meant by a 'vanishing point'</p> <p>Key Skills and Knowledge:</p> <p>To replicate a graphic design style.</p> <p>To discuss and give critique of artists/artwork.</p> <p>To replicate an artistic style.</p> <p>Selecting a variety of tools for appropriate purposes.</p> <p>Using tools to create a smooth finish.</p> <p>Adapting designs to make the product unique.</p>	<p>Topic: Cardboard Prototypes</p> <p>Suggested Key Questions:</p> <p>What is cardboard normally used for?</p> <p>What are the properties of cardboard?</p> <p>How can we cut and join cardboard?</p> <p>Why is it good to use recycled materials?</p> <p>What is a prototype?</p> <p>Why would designers use prototypes?</p> <p>Key Skills and Knowledge:</p> <p>Using recycled materials.</p> <p>To use different techniques to join</p> <p>Selecting a variety of tools for appropriate purposes.</p> <p>Adapting designs to make the product unique</p>	<p>Topic: Plastic phone/tablet holder</p> <p>Suggested Key Questions:</p> <p>What materials can be used to create shapes?</p> <p>What are the properties of plastic? (acrylic)</p> <p>What are the advantages and disadvantages of working with plastic?</p> <p>What different types of plastic are there?</p> <p>Key Skills and Knowledge:</p> <p>Selecting a variety of tools for appropriate purposes.</p> <p>Using skills including accurate measuring and use of templates.</p> <p>Adapting designs to make the product unique.</p>	<p>Topic: Creating Moulds for Pewter Casting</p> <p>Suggested Key Questions:</p> <p>What are the Properties of metal?</p> <p>What types of metal are there?</p> <p>What do we mean by a metals melting point?</p> <p>What are the benefits of a low melting point when working with metal?</p> <p>What is the process of casting with Pewter?</p>

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	<p>To evaluate a product and consider ways to improve it?</p>	<p>Adapting designs to make the product unique.</p> <p>To evaluate a product and consider ways to improve it?</p>		<p>To adapt designs to improve product. (Iterative Process)</p>		<p>How do we stay safe when working with metal and the brazing hearth?</p> <p><u>Key Skills and Knowledge:</u></p> <p>Using recycled materials.</p> <p>To use different techniques to join</p> <p>Selecting a variety of tools for appropriate purposes.</p> <p>Adapting designs to make the product unique</p> <p>To adapt designs to improve product. (Iterative Process)</p>
<p>Links to Gatsby Benchmarks:</p>	<p>4. Linking curriculum learning to careers</p> <p>Construction, carpentry, design and technology fields.</p>	<p>5. Encounters with employers and employees</p> <p>Design and technology fields. Construction, Carpentry, Sculpture</p>	<p>4. Linking curriculum learning to careers</p> <p>Graphic design, architecture, CAD design</p>	<p>4. Linking curriculum learning to careers</p> <p>Design and technology fields. Graphic design, architecture, CAD design</p>	<p>4. Linking curriculum learning to careers</p> <p>Design and technology fields. Graphic design, architecture, CAD design</p>	<p>4. Linking curriculum learning to careers</p> <p>STEM subjects and engineering. Mechanics</p>