



Year 4

<p>Spring 1</p> <p><u>Anglo-Saxon Weaving</u></p>	<p>Summer 2</p> <p><u>Biomes- The Eden Project</u></p>
<ul style="list-style-type: none"><li>When designing and making, pupils should be taught to: <b>Design</b></li><li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</li><li>generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</li><li><b>Make</b></li><li>select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</li><li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</li><li><b>Evaluate</b></li><li>investigate and analyse a range of existing products</li><li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</li><li>understand how key events and individuals in design and technology have helped shape the world</li></ul>	<p><b>Design</b></p> <ul style="list-style-type: none"><li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</li><li>generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</li></ul> <p><b>Make</b></p> <ul style="list-style-type: none"><li>select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</li><li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</li></ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"><li>investigate and analyse a range of existing products</li><li>evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</li><li>understand how key events and individuals in design and technology have helped shape the world</li></ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"><li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures</li></ul>
<ol style="list-style-type: none"><li>To research and investigate Anglo Saxon weaving and how it has helped shape the world</li><li>To develop design criteria</li><li>To develop ideas through prototypes and pattern pieces</li><li>To select from a range of materials according to aesthetic characteristics to make our textile piece</li><li>To evaluate my own and others work against our own design criteria</li></ol>	<ol style="list-style-type: none"><li>To understand how key individuals have helped shape the world</li><li>To research and investigate existing products</li><li>To develop design criteria and generate ideas through annotated sketches</li><li>To investigate how to strengthen, stiffen and reinforce joins</li><li>To make a functional product; selecting from a range of tools and materials (wooden dowels + saws)</li><li>To evaluate my own and others products against my own design criteria (use evaluation form on server)</li></ol>

