

<b>Design &amp; Technology</b>	<b>Year 4</b>
<b>Focus: 3D Structures</b>	
<b>Age related vocabulary</b>	

<b>Improvement</b> To make something better	<b>Specification</b> Something your product will be able to do	<b>Diagram</b> A detailed, technical drawing of a product
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<b>Key Knowledge</b>
⇒ Craft knives– are sharp, fine bladed knives that cut a range of materials accurately
⇒ PVA glue– is quick drying glue that can be used to join materials and mixed with Modroc to create a plaster material
⇒ Modroc– A fabric and powder compound which, when mixed with PVA glue, creates a paste which sets hard when dry
⇒ Exploded views show how the component parts of a product relate to each other. They show each part of a structure separately
⇒ Anglo Saxon hanging bowls may have been used for washing or religious rituals

Carlton Assessment Grid			
Success Criteria	Pupil Reflection		Teacher Assessment
	Before	After	
I can use research of existing products to design a product which is appealing and fit for purpose	<input type="checkbox"/>	<input type="checkbox"/>	
I can develop my skills of using a craft knife and Modroc	<input type="checkbox"/>	<input type="checkbox"/>	
I can generate and develop an exploded diagram to explain my ideas	<input type="checkbox"/>	<input type="checkbox"/>	
I can use a craft knife, PVA glue and Modroc to cut, join, shape and finish my product	<input type="checkbox"/>	<input type="checkbox"/>	
I understand how to improve my product by strengthening and stiffening the structure	<input type="checkbox"/>	<input type="checkbox"/>	
I can evaluate my product against my design criteria	<input type="checkbox"/>	<input type="checkbox"/>	