

Our **Hawridge & Cholesbury** curriculum provides opportunities for our children to be;

**F**ascinated

**R**ounded

**E**ager to make a difference

**S**piritual

**H**old high aspirations



Learning through nature



Active learning



HAWRIDGE & CHOLESBURY CHURCH OF ENGLAND SCHOOL

### Design and Technology Long Term Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>W</b>	<i>Art</i>	<i>Art</i>	<i>Art</i>	<p>Model Making (Rockets)</p> <p>Skills:</p> <ul style="list-style-type: none"> <li>• Enjoy a range of malleable media such as clay, papier Mache, Salt dough.</li> <li>• Impress and apply simple decoration.</li> <li>• Cut shapes using scissors and other modelling tools.</li> <li>• Build a construction/ sculpture using a variety of objects e.g. recycled, natural and manmade materials.</li> </ul>	<p>Using imagination to design homes and different types of transport</p> <p>Skills:</p> <ul style="list-style-type: none"> <li>• Enjoy a range of malleable media such as clay, papier Mache, Salt dough.</li> <li>• Impress and apply simple decoration.</li> <li>• Cut shapes using scissors and other modelling tools.</li> </ul> <p>Build a construction/ sculpture using a variety of objects e.g. recycled, natural and manmade materials.</p>	<i>Art</i>

					Curriculum flashback – Spring 2 – Malleable media/impress and apple simple decoration/cut shapes/construct and build sculptures	
Year 1	<p><b><u>Sliders and levers</u></b></p> <ul style="list-style-type: none"> <li>Designing, making and evaluating pop up toys/moving pictures</li> </ul> <p>Curriculum flashback – Reception – Building and construction</p>		<p><b><u>Textures and textiles</u></b></p> <ul style="list-style-type: none"> <li>Learning about different types of puppets</li> <li>Discussing health and safety when using a needle and scissors</li> <li>Designing and making our own finger puppets</li> </ul> <p>Curriculum flashback – Reception – Cutting shapes using scissors</p>			<p><b><u>Cooking/Nutrition</u></b></p> <ul style="list-style-type: none"> <li>Designing a fruit kebab</li> <li>Preparing fruit safely using appropriate tools</li> <li>Reflecting on what went well and what could be improved next time</li> </ul> <p><b><u>Reusing recycled materials</u></b></p> <ul style="list-style-type: none"> <li>Designing, making and evaluating a pirate boat from recycled materials</li> </ul> <p><b><u>Forest School</u></b></p> <ul style="list-style-type: none"> <li>using clay and sticks to make our own hedgehogs</li> <li>manipulating different clay pieces together</li> </ul>

						Curriculum flashback – Reception– Malleable media
Year 2		<p><b><u>Junk modelling</u></b></p> <ul style="list-style-type: none"> <li>• Making 17<sup>th</sup> century houses out of materials suitable for burning to replicate the Great fire of London.</li> <li>• Evaluate which materials were the most suitable and which were the most fire resistant.</li> </ul> <p><b><u>Food technology</u></b></p> <ul style="list-style-type: none"> <li>• Preparing the ingredients to make bread inspired by the bakery on Pudding lane</li> </ul>	<p><b><u>Medieval shields</u></b></p> <ul style="list-style-type: none"> <li>• Design a medieval shield using recycled materials</li> <li>• Make a medieval shield</li> <li>• Evaluate the shield</li> </ul>			<p>Food technology</p> <ul style="list-style-type: none"> <li>• Have an understanding of the Eatwell plate and what a healthy balanced diet consists of</li> <li>• Understand the food groups and what each one is for.</li> <li>• Be able to sort foods into the correct food group</li> <li>• Make a range of recipes based on this knowledge.</li> </ul> <p>Curriculum flashback – Y1 – Cooking and Nutrition</p>

		Curriculum flashback – Reception/Y1 – Building and construction				
Year 3		<u>Bread making</u> <ul style="list-style-type: none"> <li>• Be able to identify the ingredients needed to make bread</li> <li>• Make a loaf of bread</li> </ul> Curriculum flashback – Year 1&2 – Cooking and nutrition		<u>Globe making</u> <ul style="list-style-type: none"> <li>• Design and make a purposeful model of a globe</li> <li>• Use papier Mache to create a model</li> <li>• Evaluate the effectiveness of using papier Mache as the primary material</li> </ul> Curriculum flashback – Reception/Y1 - Malleable media		<u>Greek Medusa Heads</u> <ul style="list-style-type: none"> <li>• Design a Greek Medusa head</li> <li>• Create a Greek Medusa head</li> <li>• Evaluate a Greek Medusa head</li> </ul> <u>Greek pottery</u> <ul style="list-style-type: none"> <li>• Create Greek pots using the appropriate materials.</li> <li>• Evaluate Greek pots</li> </ul>
Year 4		<u>Roman shields</u> <ul style="list-style-type: none"> <li>• Research and design a Roman shield</li> </ul>		<u>Orange mummies</u> <ul style="list-style-type: none"> <li>• Investigate mummification using videos</li> </ul>		<u>Amazon tribal mask</u> <ul style="list-style-type: none"> <li>• To design and make an Amazon tribal</li> </ul>

		<ul style="list-style-type: none"> <li>• Gather and use natural materials to make Roman shields</li> <li>• Analyse and evaluate our Roman shields.</li> </ul> <p><b><u>Roman Aqueducts</u></b></p>		<ul style="list-style-type: none"> <li>• To design, build and evaluate the effectiveness of their mummification.</li> </ul> <p><b><u>Canopic jars</u></b></p> <ul style="list-style-type: none"> <li>• To design and create a canopic jar using a variety of tools.</li> <li>• To use clay to make canopic jars</li> </ul> <p>Curriculum flashback – Reception/Y1/Y3 - Malleable media</p>		<p>mask</p> <ul style="list-style-type: none"> <li>• To act as a tribe using our tribal mask</li> </ul>
Year 5		<p><b><u>Viking long ship</u></b></p> <ul style="list-style-type: none"> <li>• Design, build, test and evaluate a Viking Long ship using a range of materials.</li> <li>• Test Viking long ships and see if they can float</li> </ul> <p>Curriculum flashback – Reception/Y1 – Building and</p>		<p><b><u>Food technology - Brigadeiro- Brazilian chocolate truffles</u></b></p> <ul style="list-style-type: none"> <li>• Make Brazilian chocolate truffles</li> <li>• Sample and create your own twist.</li> <li>• Evaluate chocolate truffles and what we would change/adapt.</li> </ul>		<p><b><u>CAM designs</u></b></p> <ul style="list-style-type: none"> <li>• Research different CAM designs</li> <li>• Design own CAM (moving animal)</li> <li>• Evaluate effectiveness of design and finished product</li> </ul>

		construction		Curriculum flashback – Year 1/2/3 – Cooking and nutrition		
Year 6		<p><b><u>Funky furnishings</u></b></p> <ul style="list-style-type: none"> <li>• Primary and secondary research of cushions and their history.</li> <li>• Different stitches and ways to join fabric</li> <li>• Different effects using applique, beads and buttons</li> <li>• Different ways to close the cushion e.g. buttons, metal fasteners and pillow fold</li> <li>• Design and complete their cushion</li> <li>• Review and evaluate</li> </ul>		<p><b><u>CAM designs</u></b></p> <ul style="list-style-type: none"> <li>• Research different CAM designs</li> <li>• Design own CAM (moving animal)</li> <li>• Evaluate effectiveness of design and finished product</li> </ul> <p>Curriculum flashback - Y5 - CAM designs</p>		<p><b><u>Food technology</u></b></p> <ul style="list-style-type: none"> <li>• Design and create a Mayan rice recipe</li> <li>• Evaluate recipe</li> </ul> <p>Curriculum flashback – Year 1/2/3/5 – Cooking and nutrition</p>