



**Holy Trinity**

Church of England Primary Academy

**EYFS to KS1 Bridge – Design and Technology**

Design and Technology in the EYFS curriculum	How this is achieved in EYFS	How the learning in EYFS progresses into KS1
<p><u>Physical Development</u></p> <p>ELG: Fine Motor Skills</p> <ul style="list-style-type: none"> <li>• Hold a pencil effectively in preparation for fluent writing – using the tripod grip in almost all cases.</li> <li>• Use a range of small tools, including scissors, paint brushes and cutlery.</li> <li>• Begin to show accuracy and care when drawing.</li> </ul>	<ul style="list-style-type: none"> <li>• Children learn by experimenting with tools such as scissors, staplers and hole punches.</li> <li>• Different DT activities e.g. designing and making a kite, wind tunnel, wind chimes and choosing the best materials.</li> <li>• Creating vehicles using outdoor blocks and loose parts.</li> <li>• Creating products for a purpose i.e. a chair for Baby Bear in Goldilocks.</li> </ul>	<ul style="list-style-type: none"> <li>• Y1 Spring 2 topic – Mechanisms: Wheels and axles. Learn about the key parts of a wheeled vehicle, to develop an understanding of how wheels, axles and axle holders work. Design and make a moving vehicle.</li> <li>• Y2 Summer 1 topic – Mechanisms: Fairground wheel. Design and create a functional Ferris wheel, learn how different components fit together so that the wheel rotates and the structure stands freely.</li> </ul>
<p><u>Expressive Arts and Design</u></p> <p>ELG: Creating With Materials</p> <ul style="list-style-type: none"> <li>• Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</li> <li>• Share their creations, explaining the process they have used.</li> <li>• Make use of props and materials when role playing characters in narratives and stories.</li> </ul>	<ul style="list-style-type: none"> <li>• Children can self-select from a range of tools and materials in continuous provision.</li> <li>• They make use of fixing and joining materials such as sellotape, masking tape, string, pipe cleaners and glue.</li> <li>• Through questioning, children are encouraged to talk about what they like about their work and other children's designs and how they would improve it.</li> <li>• Building a minibeast hotel outside.</li> <li>• Selecting the best resources to build dens in different areas of the outdoor provision inspired by books that we are reading.</li> <li>• Creating props in role play.</li> </ul>	<ul style="list-style-type: none"> <li>• Y1 Summer 1 topic – Structures: Constructing a windmill. Inspired by the song, 'Mouse in a windmill', design and construct a windmill for a client (mouse) to live in. Explore various types of windmill, how they work and their key features.</li> <li>• Y2 Spring 1 topic – Structures: Baby bear's chair. Explore stability and methods to strengthen structures, to understand Baby Bear's chair weaknesses and develop an improved solution for him to use.</li> </ul>
<p><u>Personal, Social and Emotional Development</u></p> <p>ELG: Managing Self</p> <ul style="list-style-type: none"> <li>• Understanding the importance of healthy food choices.</li> </ul>	<ul style="list-style-type: none"> <li>• Using tools to create food inspired by books that we are reading e.g. Oliver's Vegetables.</li> <li>• Observing the effects of food in the oven i.e. watching cakes rise.</li> <li>• Cooking and baking different foods linked to topics e.g. Indian sweets for Diwali.</li> <li>• Talking about a balanced diet and healthy/unhealthy food choices during snack time and lunch time.</li> </ul>	<ul style="list-style-type: none"> <li>• Y1 Spring 1 topic – Food: fruit and vegetables. Learn to distinguish between fruit and vegetables and where they grow. Design a fruit and vegetable smoothie and accompanying packaging.</li> <li>• Y2 Spring 2 topic – Food: a balanced diet. Learn about the food groups (carbohydrates, proteins, fruits and vegetables, dairy, oils and spreads) to</li> </ul>

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|  | <ul style="list-style-type: none"><li>• Summer 1 topic – healthy eating and different types of foods.</li></ul> | understand a balanced diet to develop a healthy wrap. |
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