



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"> • Hold a pencil effectively in preparation for fluent writing – using the tripod grip in almost all cases. • Use a range of small tools, including scissors, paint brushes and cutlery. • Begin to show accuracy and care when drawing. 	<ul style="list-style-type: none"> • Children learn by experimenting with tools such as scissors, staplers and hole punches. • Different DT activities e.g. designing and making a kite, wind tunnel, wind chimes and choosing the best materials. • Creating vehicles using outdoor blocks and loose parts. • Creating products for a purpose i.e. a chair for Baby Bear in Goldilocks. 	<ul style="list-style-type: none"> • 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. • 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.
<p><u>Expressive Arts and Design</u></p> <p>ELG: Creating With Materials</p> <ul style="list-style-type: none"> • Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. • Share their creations, explaining the process they have used. • Make use of props and materials when role playing characters in narratives and stories. <p><u>Personal, Social and Emotional Development</u></p>	<ul style="list-style-type: none"> • Children can self-select from a range of tools and materials in continuous provision. • They make use of fixing and joining materials such as sellotape, masking tape, string, pipe cleaners and glue. • 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. • Building a minibeast hotel outside. • Selecting the best resources to build dens in different areas of the outdoor provision inspired by books that we are reading. • Creating props in role play. 	<ul style="list-style-type: none"> • 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. • 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.
<p>ELG: Managing Self</p> <ul style="list-style-type: none"> • Understanding the importance of healthy food choices. 	<ul style="list-style-type: none"> • Using tools to create food inspired by books that we are reading e.g. Oliver's Vegetables. • Observing the effects of food in the oven i.e. watching cakes rise. • Cooking and baking different foods linked to topics e.g. Indian sweets for Diwali. 	<ul style="list-style-type: none"> • 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. • Y2 Spring 2 topic – Food: a balanced diet. Learn about the food groups (carbohydrates, proteins, fruits and

	<ul style="list-style-type: none">• Talking about a balanced diet and healthy/unhealthy food choices during snack time and lunch time.• Summer 1 topic – healthy eating and different types of foods.	vegetables, dairy, oils and spreads) to understand a balanced diet to develop a healthy wrap.
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