

Ouston Primary School Design Technology Progression of Skills KS1

	Nursery	Reception	Year 1	Year 2
Design			<p>Begin to draw on their own experiences to help generate ideas.</p> <p>Begin to understand the development of products eg what they are, how they work, materials used.</p> <p>Understand how to identify a target group for what they intend to design and make based on design criteria.</p> <p>Start to develop their ideas through talk and drawings. Make templates and mock ups of their ideas on card, paper or using ICT.</p>	<p>Start to generate ideas relating to their own experience.</p> <p>Begin to develop their own ideas through discussion, observation, drawing and modelling.</p> <p>Identify a purpose for what they intend to design and make.</p> <p>Understand how to identify a target group for what they intend to design and make based on design criteria.</p> <p>Develop their ideas through talk and drawings and label parts. Make templates and mock ups of their ideas on card, paper or using ICT.</p>
Make			<p>Begin to make their design using appropriate techniques.</p> <p>Begin to build structures, exploring how they can be made stronger, stiffer and more stable.</p> <p>Explore and use mechanisms eg levers, sliders, wheels and axels in their products.</p> <p>With support, measure, mark out, cut and shape a range of materials.</p> <p>Explore using tools eg scissors and a hole punch safely.</p> <p>Begin to assemble, join and combine materials and components together using a variety of methods eg glues or tapes.</p>	<p>Begin to select tools and materials using the correct vocabulary to name and describe them.</p> <p>Build structures and explore how they can be made stronger, stiffer and more stable.</p> <p>With help, measure , cut and score with some accuracy. Learn to use hand tools safely and appropriately.</p> <p>Start to assemble, join and combine materials in order to make a product.</p> <p>Demonstrate how to cut, shape and join fabric to make a simple product. Use basic sewing techniques.</p> <p>Start to choose and use appropriate finishing techniques based on their own ideas.</p>

			Begin to use simple finishing techniques to improve the appearance of their product.	
Evaluate			<p>Start to evaluate their product by discussing how well it works in relation to the purpose.</p> <p>When looking at existing products explain what they like or dislike about them and why.</p> <p>Begin to evaluate their products as they are developed, identifying strengths and possible changes they might make.</p>	<p>Evaluate their work against their design criteria.</p> <p>Look at arrange of existing products. Explain what they like and dislike about products and why.</p> <p>Start to evaluate their products as they are developed, identifying strengths and possible changes they might make.</p> <p>With confidence talk about their ideas, saying what they like and dislike about them.</p>
Technical knowledge			<p>Understand about the simple working qualities of materials and components.</p> <p>Understand about the movement of simple mechanisms including levers and sliders.</p> <p>Understand that food ingredients should be combined according to their sensory characteristics.</p> <p>Know the correct technical vocabulary for the task they are working on.</p> <p>Understand how freestanding structures can be made stronger, stiffer and more stable.</p>	<p>Understand about the simple working characteristics of materials and components.</p> <p>Understand about the movement of simple mechanisms including levers, sliders, wheels and axles.</p> <p>Understand that food ingredients should be combined according to their sensory characteristics.</p> <p>Know the correct vocabulary for the projects they are undertaking.</p> <p>Understand how freestanding structures can be made stronger, stiffer and more stable.</p>
Cooking and Nutrition			<p>Begin to understand that all food comes from animals or plants.</p> <p>Explore the understanding that food has to be farmed, grown elsewhere (eg home) or caught.</p>	<p>Understand that all food comes from plants or animals.</p> <p>Know that food has to be farmed, grown elsewhere (eg home) or caught.</p> <p>Understand how to name and sort foods in the five groups in</p>

			<p>Start to understand how to name and sort foods into the five groups in the 'Eat Well Plate'</p> <p>Begin to understand that everyone should eat at least five portions of fruit and vegetables every day.</p> <p>Know how to prepare simple dishes safely and hygienically, without using a heat source. Know how to use techniques such as cutting, peeling and grating.</p>	<p>'Eat Well Plate'</p> <p>Know that everyone should eat at least five portions of fruit and vegetables every day.</p> <p>Demonstrate how to prepare simple dishes safely and hygienically, without using a heat source.</p> <p>Demonstrate how to use techniques such as cutting, peeling and grating.</p>
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