

**DT Long Term Plan- Overview**

<p><b>Nursery</b></p>	<p align="center"><b>Structures</b> Making a pet carrier.</p>	<p align="center"><b>Cooking</b> <b>Bake off</b> Baking biscuits, bread and chocolate cake.</p>	<p align="center"><b>Textiles</b> Making jewellery- Necklace or bracelet by threading.</p>
<p><b>Reception</b></p>	<p align="center"><b>Cooking</b> Making porridge Baking biscuits and bread.</p>	<p align="center"><b>Structures</b> Make bridges for the Three Billy Goats Gruff to cross over.</p>	<p align="center"><b>Textiles- Weaving</b> Making Handa's Basket.</p>
<p><b>Year 1</b></p>	<p align="center"><b>Mechanisms- Levers and sliders</b> Make a moving animal toy. <b>Structures</b> Make a cup and ball toy.</p>	<p align="center"><b>Cooking- Preparing fruits and vegetables</b> Design and make a fruit salad.</p>	<p align="center"><b>Textiles- Templates and joining</b> Design and make a penguin puppet.</p>
<p><b>Year 2</b></p>	<p align="center"><b>Structures-</b> <b>Build a free-standing structure</b> Construct and model wooden houses to form Pudding Lane.</p>	<p align="center"><b>Cooking- Preparing fruits and vegetables</b> Learn about a balanced diet and use your knowledge to create a tasty wrap.</p>	<p align="center"><b>Textiles- Template and joining techniques sewing</b> Make a pouch to take to the beach with you.</p>
<p><b>Year 3</b></p>	<p align="center"><b>Textiles</b> Design and make a pencil case exploring different fastenings.</p>	<p align="center"><b>Pneumatic System</b> Marking an Egyptian sarcophagus with a mummy coming out.</p>	<p align="center"><b>Cooking and Structures- Shells</b> Bake Rock Cakes Design and make three different rock cakes e.g raisins, dark chocolate chip and coconut. Design and make a packaging for them- using nets.</p>

<p><b>Year 4</b></p>	<p><b>Mechanisms- Wheels and axles</b>          Make wooden Roman horse drawn chariots fit for a purpose. Race your chariots.</p>	<p><b>Cooking</b>  <b>Design a Menu using CAD</b>          Making seasonal tarts.          Learning about seasonality.</p>	<p><b>Electrical Systems</b>          Create a functioning torch with a switch according to your design criteria.</p>
<p><b>Year 5</b></p>	<p><b>CAD- Fitness timer</b>          Learn how to use coding to program and control a timer before then designing and making your own timer.</p>	<p><b>Textiles- Applique</b>          Make a cushion cover using a recycled t-shirt- use computer aided design for applique.</p>	<p><b>Structures - Cams- Automaton</b>          Design and make a moving space toy.</p>
<p><b>Year 6</b></p>	<p><b>Cooking-Meal involving curry</b>          Design recipes relating to health and nutrition.          Agree on the recipe and make it.          Also make something to go with the curry such as rice, bread or chapati.</p>		<p><b>Complex structures and Electrical System</b>          Motorised buggies</p>