



# St Mary Magdalen's Catholic Primary School

## Design and Technology (DT) Whole School Overview



*DT and Art topics split across 2 years in KS1, LKS2 and UKS2 5 topics in a year*

	Autumn	Spring	Summer
<b>Reception*</b>	<p>Cooking &amp; Nutrition: Making Bread</p> <p>Mechanisms - Santa Sliders</p>	<p>Mechanisms - Penguin Sliders (progression with split pins)</p> <p>Structures: Building boats</p>	<p>Cooking &amp; Nutrition: Gingerbread men biscuits</p> <p>Textiles: Animal Jungle Puppets</p>
<b>Year 1 (3 DT)</b>	<p><u>Cooking &amp; Nutrition: Sensational Fruit Salads</u></p>	<p><u>Structures: Windmills</u></p>	<p><u>Textiles: Pouches</u></p>
<b>Year 2 (2 DT)</b>	<p><u>Mechanisms: Moving monsters</u></p>	<p><u>Structures: Baby bear's chair</u></p>	<p>Art</p>
<b>Year 3 (3 DT)</b>	<p><u>Cooking &amp; Nutrition: Sandwich snacks</u></p>	<p><u>Mechanisms: Pneumatic systems</u></p>	<p><u>Structures: Castles</u></p>
<b>Year 4 (2 DT)</b>	<p>Art</p> <p><u>Textiles: Fastenings</u></p>	<p><u>Textiles: Fastenings continued</u></p> <p>Art</p>	<p><u>Electrical Systems: Torches</u></p>
<b>Year 5 (3 DT)</b>	<p><u>Cooking &amp; Nutrition: Adapting a recipe (biscuits)</u></p> <p><u>Structures: Creating packaging for biscuits</u> (includes computer aided design using Canva)</p>	<p><u>Mechanisms: Pop-up books</u></p>	<p><u>Electrical Systems: Doodlers</u></p>
<b>Year 6 (2 DT)</b>	<p><u>Structures: Playgrounds</u></p>	<p><u>Textiles: Phone Cases</u></p>	<p>Art</p>

**\*Reception - areas of learning within all DT topics:**

**Expressive Arts and Design (Exploring and Using Media and Materials)**

-Children safely use and explore a variety of materials eg. paintbrushes, hole punches, cutlery, tools and techniques, experimenting with colour, design, texture, form and function

**Expressive Arts and Design (Being Imaginative)**

-Children use what they have learnt about media and materials in original ways, thinking about uses and purposes

-They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories

**Physical Development (Moving and Handling)**

- Develop their small motor skills so that they can use a range of tools competently, safely and confidently

- Use their core muscle strength to achieve a good posture when sitting at a table or sitting on the floor