

Design Technology coverage across the school

EYFS	1 x Cooking and Nutrition 1 x Structures 1 x Mechanisms and Mechanical Systems
Year 1	1 x Cooking and Nutrition for each year group
Year 2	1 x Mechanisms and Mechanical Systems 1 x Structures 1 x Textiles for each year group
Year 3	2 x Cooking and Nutrition (+ Roots to Food for years 4 and 6)
Year 4	2 x Mechanisms and Mechanical Systems 2 x Structures
Year 5	2 x Textiles 2 x Electrical Systems
Year 6	2 x Digital World

Design and Technology Long Term Plan

<u>Year/Term</u>	<u>Advent 1</u>	<u>Advent 2</u>	<u>Lent 1</u>	<u>Lent 2</u>	<u>Pentecost 1</u>	<u>Pentecost 2</u>
<u>Rec</u>		<u>Cooking and Nutrition:</u> Soup		<u>Structures:</u> Junk modelling		<u>Mechanisms and Mechanical Systems:</u> Transport
<u>Y1</u>		<u>Textiles:</u> Design a puppet which is functional and appealing based on a design criteria.		<u>Cooking and Nutrition:</u> Fruit and Vegetables or Making smoothies?		<u>Structures:</u> A useful structure- toys?
<u>Yr 2</u>		<u>Textiles:</u> Applique design Christmas? Stocking? Pouches?		<u>Cooking and Nutrition:</u> A balanced diet		<u>Mechanisms and Mechanical Systems:</u> Design a purposeful, functional product that relies on wheels and axis-transport- bus- Rosa Parks?

<u>Yr 3</u>		<u>Structures:</u> Linked to History, Geography, Science Photo frame? Volcanoes? Egypt?		<u>Cooking and Nutrition:</u> Food Around the World- cutting and peeling, tasting food. Link to Egypt.		<u>Electrical systems:</u> To examine Static Electricity to create a game? archived unit
<u>Yr 4</u>		<u>Structures:</u> Helmets or Pavilions		<u>Electrical systems:</u> Torches? Linked to science-electricity. <u>(Roots to Food)</u>		<u>Textiles:</u> Celts? Clothes? Fastenings?
<u>Yr 5</u>		<u>Mechanisms and Mechanical Structures:</u> Gears and Pulleys		<u>Cooking and Nutrition:</u> Developing a recipe		<u>Digital World:</u> Monitoring devices? CAD design.

Yr6		<u>Textiles:</u> Combination of skills learnt over the years to make something with a purpose. WW2/Trading?		<u>Mechanisms and Mechanical Structures:</u> Squashed Tomato Challenge (Roots to Food)		<u>Digital World:</u> Navigating the World? Using what we learnt last year.
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