

# D&T Long Term Plan

## EYFS

<p>FS1</p> <p><b>Mechanisms</b> Hinges and catches <b>Topic:</b> Christmas Cards <b>Term:</b> Aut2</p> <p><b>Mechanisms</b> Wheel and axles <b>Topic:</b> On the Move <b>Term:</b> Spring 1</p>	<p><b>Food</b> Fruit &amp; Veg <b>Topic:</b> Super Snacks <b>Term:</b> Aut1 – Summer2</p> <p><b>Food</b> Chinese food tasting <b>Topic:</b> Celebration <b>Term:</b> Spring1</p>	<p><b>Textiles</b> Joining techniques <b>Topic:</b> Super Heroes <b>Term:</b> Summer 2</p>	
<p>FS2</p> <p><b>Mechanisms</b> Hinges and catches <b>Topic:</b> Exploring hinges and catches <b>Term:</b> Summer1</p>	<p><b>Food</b> Fantastic Fruit &amp; Veg <b>Topic:</b> Harvest Soup &amp; Handa's Surprise – Smoothies/Fruit Kebabs <b>Term:</b> Aut1 &amp; Spring2</p>		<p><b>Structures</b> Free standing Structures <b>Topic:</b> Let's Get Building (Farm) <b>Term:</b> Aut2</p>

## Key Stage 1

<p>Yr1</p> <p><b>Mechanisms</b> Sliders and levers <b>Topic:</b> Paws,claws &amp; whiskers <b>Term:</b> Spring1 Designing a slide/lever page for information book</p>	<p><b>Structures</b> Freestanding structures <b>Topic:</b> Build it! <b>Term:</b> Summer2 Designing houses for the 3 little pigs, adding doors, windows, roof etc</p>	<p><b>Food</b> Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) <b>Topic:</b> Healthy Eating Focus <b>Term:</b> Aut2 Design, make and evaluate sandwiches/wraps/tacos/pittas</p>
<p>Yr2</p> <p><b>Food</b> Preparing fruit and vegetables <b>Term:</b> Autumn Design &amp; make a couscous dish for Jewish New Year</p>	<p><b>Textiles</b> Templates and joining techniques <b>Term:</b> Spring Design &amp; make rescue flag- joining fabric, lacing, punching holes for eyelets etc.</p>	<p><b>Mechanisms</b> Wheels and axles <b>Term:</b> Summer Design &amp; make a toy car-with moving axles and wheels</p>

## Lower Key Stage 2

Yr3	<p><b>Textiles</b> 2-D shape to 3-D product</p> <p><b>Topic:</b> Sewing/fastenings <b>Term:</b> Autumn 2 Design and make a Reindeer food bag</p>	<p><b>Structures</b> Shell structures (including computer-aided design)</p> <p><b>Topic:</b> Design CAD <b>Term:</b> Spring2 Design and make a simple box</p>	<p><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p><b>Topic:</b> Grand Greeks <b>Term:</b> Summer1 Design and make a Greek Salad</p>
Yr4	<p><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p><b>Topic:</b> Egyptians <b>Term:</b> Aut1 Design and make Egyptian breads</p>	<p><b>Mechanical Systems</b> Levers and linkages</p> <p><b>Topic:</b> Designs <b>Term:</b> Aut2 Design and make a moving picture (Christmas card)</p> <p>Design and make shields Spring2</p>	<p><b>Electrical Systems</b> Simple circuits and switches (including programming and control)</p> <p><b>Topic:</b> Link to Science <b>Term:</b> Summer 2</p>

## Upper Key Stage 2

Yr5	<p><b>Structures</b> Frame structures</p> <p><b>Topic:</b> Tudors <b>Term:</b> Summer1 Design a Tudor Dolls house</p>	<p><b>Food</b> Celebrating <b>culture</b> and seasonality (including cooking and nutrition requirements for KS2)</p> <p><b>Topic:</b> France/Mexico <b>Term:</b> Autumn Design a French/.Mexican meal</p>	<p><b>Mechanical Systems</b> Pulleys or gears</p> <p><b>Topic:</b> Design &amp; Make <b>Term:</b> Spring1</p> <p>Design a simple Cogs/gears game for a pre-school child</p>	
Yr6	<p><b>Electrical Systems</b> More complex switches and circuits (including programming, monitoring and control)</p> <p><b>Topic:</b> Christmas <b>Term:</b> Aut2 Design &amp; make a light up Christmas card</p>	<p><b>Textiles</b> 1. Combining different fabric shapes 2. including computer-aided design</p> <p><b>Topic:</b> New Elizabethans <b>Term:</b> Spring2</p>		<p><b>CAMS</b></p> <p><b>Topic:</b> Art Gallery <b>Term:</b> Summer2</p> <p>Design a shop window</p>