

# D&T Long Term Plan

## EYFS

<p>FS1</p> <p><b>Structures</b> Products</p> <p><b>Topic:</b> Toys <b>Term:</b> Autumn</p>	<p><b>Mechanisms</b> Wheel and axles</p> <p><b>Topic:</b> On the Move <b>Term:</b> Spring</p>	<p><b>Textiles</b> Joining techniques</p> <p><b>Topic:</b> Super Heroes <b>Term:</b> Summer</p>
<p>FS2</p> <p><b>Structures</b> Free standing Structures</p> <p><b>Term:</b> Autumn</p>	<p><b>Food</b> Fantastic Fruit &amp; Veg</p> <p><b>Term:</b> Spring Smoothies/Fruit Kebabs</p>	<p><b>Mechanisms</b> Hinges and catches</p> <p><b>Term:</b> Summer</p>

## Key Stage 1

<p>Yr1</p> <p><b>Mechanisms</b> Sliders and levers</p> <p><b>Term:</b> Autumn Designing a slider page for younger children.</p>	<p><b>Food</b> Preparing fruit (including cooking and nutrition requirements for KS1)</p> <p><b>Term:</b> Spring Design, make and evaluate a fruit salad.</p>	<p><b>Structures</b> Freestanding structures</p> <p><b>Term:</b> Summer Designing houses for the 3 little pigs, adding doors, windows, roof etc</p>
<p>Yr2</p> <p><b>Food</b> Preparing vegetables</p> <p><b>Term:</b> Autumn Design and make a vegetable salad</p>	<p><b>Textiles</b> Templates and joining techniques</p> <p><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</p> <p><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>Term:</b> Autumn Design and make a Reindeer food bag Sewing/fastenings</p>	<p><b>Structures</b> Shell structures (including computer-aided design)</p> <p><b>Term:</b> Spring Design CAD. 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>Term:</b> Summer1 Design and make a healthy sandwich/ wrap</p>
Yr4	<p><b>Food</b> Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p><b>Term:</b> Aut1 Design and make a toastie</p>	<p><b>Mechanical Systems</b> Levers and linkages</p> <p><b>Term:</b> Spring  Design and make shields</p>	<p><b>Electrical Systems</b> Simple circuits and switches (including programming and control)</p> <p><b>Term:</b> Summer</p>

## Upper Key Stage 2

Yr5	<p><b>Food</b> Celebrating <b>culture</b> and seasonality (including cooking and nutrition requirements for KS2)</p> <p><b>Term:</b> Autumn Design and make bread for a celebration (can also be related to different cultures and sharing bread).</p>	<p><b>Mechanical Systems</b> Pulleys or gears</p> <p><b>Term:</b> Spring  Design a simple Cogs/gears game for a pre-school child</p>	<p><b>Structures</b> Frame structures</p> <p><b>Term:</b> Summer Design a Tudor Dolls house</p>
Yr6	<p><b>Electrical Systems</b> More complex switches and circuits (including programming, monitoring and control)</p> <p><b>Term:</b> Autumn  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>Term:</b> Spring</p>	<p><b>CAMS</b></p> <p><b>Term:</b> Summer  Art Gallery. Design a shop window</p>