

Design and Technology Three-Year Curriculum Plan and Progression and Skills Map

	Autumn			Spring			Summer		
	Year A	Year B	Year C	Year A	Year B	Year C	Year A	Year B	Year C
Class 1	Reception children are developing their design and technology skills through exploration and planned activities linked to the Understanding the World and Expressive Arts and Design areas of learning in the EYFSP.								
Class 2	Textiles <i>Fabric Bunting</i>	Structures	Mechanisms (sliders) <i>Moving Pictures</i>	Structures <i>Pirate Paddy</i>	Textiles <i>Fabric Faces</i>	Food <i>Dips & Dippers</i>	Mechanisms (sliders)	Food <i>Seasonal Salads</i>	Textiles
Class 3	Structures	Textiles <i>Juggling Balls</i>	Mechanisms <i>Mechanical Posters</i>	Textiles	Food <i>Dips & Dippers</i>	Structures	Mechanisms (wheels & axles)	Structures <i>Fly a Kite</i>	Food <i>The Great Bread Bake</i>
Class 4	Textiles <i>Felt Phone Cases</i>	Electricity <i>Battery operated lights</i>	Structures	Food <i>Global Food</i>	Mechanisms	Textiles	Structures	Digital <i>Programming Adventures</i>	Food
Class 5	Textiles	Mechanisms	Food <i>Super Seasonal Cooking</i>	Mechanisms	Electricity <i>Battery operated lights</i>	Structures	Structures	Digital <i>Programming Adventures</i>	Textiles

Progression of knowledge and skills	Key Stage One	Lower Key Stage Two	Upper Key Stage Two
Mechanisms and Mechanical Systems	Wheels & Axles Sliders & Levers	Levers & Linkages Pneumatics	Cams Pulleys or Gears
Textiles	Templates & Joining Techniques	2D shapes to 3D product	Using Computer-aided Design in textiles Combining different fabric shapes
Structures	Free-standing Structures	Shell structures Shell structures using Computer-aided Design	Frame structures
Food	Preparing Fruit & Veg	Healthy & Varied Diet	Celebrating Culture & Seasonality
Electricity and Electrical Systems		Simple circuits & switches Simple Programming & Control	Monitoring & Control More complex switches & circuits