

# Design & Technology Curriculum Overview



Year Group	Unit 1	Unit 2	Unit 3
Reception	Diwa lamps Straw people/skeletons Christmas cards	Houses for Three pigs Junk modelling Easter cards	Paper Mache eggs/life cycle Healthy fruit salads and kebabs Vehicles-model making
Year 1	<b>Textiles</b> (2-D shape to 3-D product) Christmas Bunting/decoration- Autumn 2	<b>Structures</b> (Freestanding structures) Bridge	<b>Food</b> (Preparing fruit and vegetables) Healthy smoothie-PSHE Healthy Me
Year 2	<b>Textiles</b> (2-D shape to 3-D product) Making a phone case Autumn 2	<b>Structures</b> (Freestanding structures) LONDON	<b>Food</b> (Preparing fruit and vegetables) Making a fruit salad – Healthy Me PSHE
3	<b>Structures</b> (Shell structures – including CAD) – Christmas boxes (Autumn 2)	<b>Mechanical systems</b> (Levers and linkages) – Easter cards – (spring 2)	<b>Electrical systems</b> (simple programming and control) – lava lamps – links with geography Volcanoes and Earthquakes unit and science light unit (summer 2)
4	<b>Electrical systems</b> (simple circuits and switches) Buzz Games	<b>Mechanical systems</b> (Pneumatics) Moving Monsters	<b>Food</b> (healthy and Varied diet) Design a healthy wrap
5	<b>Structures</b> (Frame structures) European structures linked to Geography unit 'Europe including Modern Greece'	<b>Mechanical systems</b> (CAMs) Mechanical Cam Toy showing an ancient Greek myth- linked to History unit 'Ancient Greece'	<b>Food</b> (celebrating culture and seasonality) African recipes linked to Geography unit 'Africa'
6	<b>Textiles</b> (Combining different fabrics and shapes) Hats	<b>Mechanical systems</b> (pulleys or gears) Fairground ride- carousels	<b>Electrical systems</b> (more complex circuits and switches)