

Design and Technology Overview: EYFS and Key Stage 1

	EYFS	Year 1	Year 2
Food Technology	<ul style="list-style-type: none"> Learn to handle food in a hygienic way. Name some of the utensils they are going to use. Begin to be aware of which utensil best fits which task. Know why some foods are deemed healthy and others are not 	<ul style="list-style-type: none"> Design and make a healthy sandwich Research what is and is not healthy 	<ul style="list-style-type: none"> Make a pizza Put on ingredients that they know is healthy (link with healthy body in science)
Textiles	<ul style="list-style-type: none"> Join two pieces of materials together (materials could be textile or boxes) using appropriate method (this could be glue, sewing, etc. 	<ul style="list-style-type: none"> Assembling and joining using glue associated with the school and Rochdale e.g. logos 	<ul style="list-style-type: none"> Create a Kenyan traditional village home with a textile roof which incorporates an African style design (which includes some sewing) and is aesthetically pleasing. Base made of a malleable material e.g. clay, plasticine
Mechanisms	<ul style="list-style-type: none"> Use Split pins to create a toy or something similar that has at least one moving part. Link to a familiar character in a story. 	<ul style="list-style-type: none"> Create a simple pop-up toy using different materials incorporating the use of a slider – (textiles, junk material and card) 	<ul style="list-style-type: none"> Create a moving vehicle with axles and wheels – links to historical unit on transport and reflects transport through the ages
Structure	<p>Create a tower that is as tall as them or a bridge that is at least half a metre long.</p> <p>Either structure must be sturdy and withstands a small bump. (Link to well-known stories such as Rapunzel or Billy Goats Gruff).</p>	<ul style="list-style-type: none"> Create a swing for a play person which includes a moving part making use of stiff card incorporating an axle 	<ul style="list-style-type: none"> Create a tall structure of at least 30cm (something that looks aesthetically pleasing having explored tall buildings in London) using a range of straws, junk material, card

Design and Technology Annual Overview: Key Stage 2

	Year 3	Year 4	Year 5	Year 6
Food Technology	<ul style="list-style-type: none"> • Make scones or a cup cake • If making a cup cake, design it in the first instance 	<ul style="list-style-type: none"> • Prepare afternoon tea for 4 guests (which could include your friends, but has at least one adult involved) 	<ul style="list-style-type: none"> • Design and make an apple (or fruit) crumble. • Pupils must work out which ingredients they need, buy the ingredients and cost it 	<ul style="list-style-type: none"> • Prepare a Sunday lunchtime meal in the tradition of Sunday lunches in the past (meat, roast potatoes, vegetables, etc.) • Pupils must work out which ingredients they need, buy the ingredients and cost it
Textiles	<ul style="list-style-type: none"> • Create a weaving loom to produce a A4 floor mat which incorporates a range of textiles and textures 	<ul style="list-style-type: none"> • Create a A4 personal flag for the opening ceremony of the Ancient Greek Olympics which incorporates a running stitch 	<ul style="list-style-type: none"> • Taking account of the Bayeux Tapestry create a textile product which tells a story and incorporates fabric sewn onto fabric (applique) and stitch detail 	<ul style="list-style-type: none"> • Create a camouflaged nomadic tent that would a suitable for a desert incorporating a stable structure and a range of joining techniques
Mechanisms	<ul style="list-style-type: none"> • Create a mechanism for loading objects onto a boat which incorporates a pulley system (lifting 1 kg) - links to geography unit of rivers 	<ul style="list-style-type: none"> • Create a Roman weapon to propel a marble one metre which is operated by a lever system 	<ul style="list-style-type: none"> • Create a water mill system for a developing country which incorporates gears and links to Fairtrade, or • Create a moving (using pneumatics) toy 	<ul style="list-style-type: none"> • Create a vehicle capable of moving over different terrain which incorporates more than one mechanical system
Structure	<ul style="list-style-type: none"> • Create an aesthetically pleasing structure specifically for the town of Rochdale taking account of large structures such as The Angel of the North. Made from construction kits e.g, Meccano 	<ul style="list-style-type: none"> • Create an electrical torch which incorporates changing colours e.g. kaleidoscope 	<ul style="list-style-type: none"> • Create a structure including a prototype to reflect an aspect of European life which could become a European landmark out of recycled materials 	<ul style="list-style-type: none"> • Create a traffic light system that involves the use of IT