



Design Technology

	Autumn Term		Spring Term		Summer Term	
EYFS Reception						
Year One	Design and make a <b>sandwich</b> for the journey to the South Pole	Build structures – make a <b>cage for Nibbles</b> Investigate how they can be made stronger, stiffer and more stable	Make an <b>animal mask</b> – select tools: cutting, shaping, joining, finishing select materials		Design, test, make <b>rockets and boats</b> – Whose rocket can travel the furthest? Can you get your boat to float?	
Year Two		Create a suitable <b>'fat ball'</b> to feed an owl Explore and evaluate a range of existing products and designs	Design <b>FUNCTIONAL MACHINES</b> and make through exploring a range of materials – to link with own stories	Design and make own <b>MOVING TOY</b> – explore and use mechanisms (levers, sliders, wheels and axles)		<b>Cooking and nutrition</b> *Healthy Living Week*
Year Three		<b>Moving pictures</b> using levers and linkages Mechanical Systems		<b>Healthy Salad,</b> Food Tech	<b>Tyvek Kites,</b> Textiles	<b>Hoists for Giraffes</b> A frames and pulleys Mechanical Systems
Year Four		<b>'Wonderpark'</b> DT plans fair-ground game/ mechanical toy – use gears, pulleys, levers, linkages	Build a <b>volcano</b> – generate ideas, develop, communicate, create sketches.	Create and test an <b>escape raft</b> – select and evaluate materials	Make a <b>fruit salad.</b>	Make a <b>head torch</b> to see in a cave (use electrical systems)
Year Five	<b>Canoe</b> design and building		Design a <b>superhero energy bar</b>			<b>Cooking and nutrition</b> *Healthy Living Week*
Year Six		Building <b>Bridges</b> Choosing materials, strengthening and reinforcing structures.			<b>Electric Car</b> Design and build an electrical car, including a headlight.	Textiles Creating own <b>t-shirts</b> using a range of different textiles and methods to attach to material.

We are

Safe, Motivational, Inclusive, a Team and Happy

