



Design and Technology



Subject	Autumn Term	Spring Term	Summer Term
Reception	<p>Included in provision – open ended resources</p> <p>Supported by DATA Planning</p>	<p>Included in provision – open ended resources</p> <p>Supported by DATA Planning</p>	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p>
Year 1	<p>DT is included in continuous provision</p> <p>Brunell Day (Topic link)</p> <p>Supported by DATA Planning – Freestanding structures</p>	<p>Welly walk challenge - building an owl's nest using natural materials (Topic and Science link)</p> <p>Making bird feeders (Science link)</p> <p>Easter Cards with sliders (RE link)</p> <p>Supported by DATA Planning – Mechanisms and sliders</p>	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p> <p>Tippy Tap Challenge – ways to transport water. (Global link)</p> <p>Design and make a weather recording instrument (Science link)</p>
Year 2	<p>DT day – Mars Rovers (Topic link)</p> <p>STEM related problem solving – how to stop a crash landing? (Topic link)</p> <p>Supported by DATA Planning – Wheels and axels</p>	<p>Castles with moving drawbridges. (Topic link)</p> <p>Trebuchets (Topic link)</p> <p>Making bags to store the gold (Science link)</p> <p>Supported by DATA Planning – Textiles, templates and joining techniques</p>	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p> <p>Create seagulls with moving parts. (Topic link)</p> <p>How to stop an ice lolly melting. (Science link)</p>
Year 3	<p>Shadow puppets (Science link)</p> <p>Design a game using a BBC micro:bit (Computing link)</p> <p>Supported by DATA Planning – Electrical systems – simple programming and control</p>	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p> <p>Package and post a Pringle – product design.</p> <p>Supported by DATA Planning – shell structures</p>	<p>Make a pneumatic dinosaur. (Topic link)</p> <p>Supported by DATA Planning - Food</p> <p>Recycled materials fashion Show (Environmental link)</p>
Year 4	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p> <p>Design and make a Poison Dart frog (Topic link)</p> <p>Supported by DATA Planning – “D shape to 3D product</p>	<p>Create a photo frame from recycled materials. (Topic link)</p>	<p>Make a page from a moving picture book using sliders and other mechanisms. (Topic link)</p> <p>Supported by DATA Planning – Levers and linkages</p>
Year 5	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p> <p>Design a chocolate bar wrapper (Topic link)</p>	<p>Make a Tudor purse using CAD. (Topic link)</p> <p>Supported by DATA Planning – Combining different fabric shapes</p>	<p>Design and build a model of a children's playground, exploring structures.</p> <p>Supported by DATA Planning – Frame structures</p>
Year 6	<p>Food Technology</p> <p>Supported by DATA Planning - Food</p> <p>Make a Christmas Village using electrical systems (Science link)</p> <p>Supported by DATA Planning – Electrical systems – monitoring and control</p>	<p>Make a pop up greetings card using paper engineering.</p>	<p>Design and make a fete game – real life project which will be tested at the school fete.</p> <p>Supported by DATA Planning – Mechanical systems</p>

