



Design Technology at Edleston Primary

Autumn Term

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Structures: Junk modelling Explore various types of permanent and temporary join. Using different materials /joining techniques to junk model.</p>	<p>Mechanisms: Making a moving story book Making 3 pages of a moving story book, based on a familiar story.</p>	<p>Textiles: Pouches Learn how to sew a running stitch ready to design, make and decorate a pouch using a template.</p>	<p>Structure: Castles Identify and learn about the key features of a castle, before designing and making a recycled-material castle (structure).</p>	<p>Electrical systems: Torches Apply scientific understanding of electrical circuits to create a torch made from recycled /reclaimed materials and objects.</p>	<p>Structures: Bridges Test and analyse various types of bridge to determine their strength & stability. Explore material properties/sources, then mark, saw and assemble a wooden truss bridge.</p>	<p>Digital world: Navigating the world Design/program a navigation tool = a multifunctional device for trekkers using CAD 3D modelling software. Pitch and explain the product to a guest panel.circuit with a buzzer</p>

Spring Term

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Textiles: bookmarks Practise threading and weaving techniques. History of the bookmark from Victorian times. Apply their knowledge and skills to design/sew their own bookmarks.</p>	<p>Structure: Windmills Make a stable structure with functioning sails/blades that attach to the supporting structure.</p>	<p>Mechanisms: Fairground wheel Design and create a functional Ferris wheels</p>	<p>Mechanical systems: Pneumatic toys Design and create a toy with a pneumatic system</p>	<p>Textiles: Fastenings Analyse and evaluate a range of existing fastenings, then devise a list of design criteria to design, generate templates and make a fabric book sleeve.</p>	<p>Electrical systems: Doodles Explore series circuits further and motors. Analyse existing items to problem solve and work out how the product made to develop their own.</p>	<p>Textiles: Waistcoats Selecting fabrics, use templates, pin, decorate and stitch materials together to create a waistcoat</p>

Summer Term

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Cooking & nutrition: Soup Learning about vegetables and where they come from while preparing to make a soup</p>	<p>Cooking & nutrition: Smoothies Learn food preparation skills and greater emphasis on taste testing and ingredient choices.</p>	<p>Cooking & nutrition: A balanced diet Explore and learn what forms a balanced diet, to create a healthy wrap</p>	<p>Cooking & nutrition: Eating seasonally Looking at the relationship between the colour of fruits and vegetables and their health benefits: make three dishes.</p>	<p>Cooking & nutrition: Adapting a recipe Working in groups to adapt a simple biscuit recipe, to create the tastiest biscuit</p>	<p>Cooking & nutrition: What could be healthier? Researching and modifying a traditional Bolognese sauce recipe to make it healthier</p>	<p>Cooking & nutrition: Come dine with me Research and prepare a three-course meal and taste-test and score their food</p>