

Design and Technology Agreed coverage 2022-23

	Getting to know Me and Once Upon a Rhyme	Autumn Time and Festivals	Once Upon a Time: Traditional Tales	Under Our Feet	Plants and Growing and Minibeasts	On the Move
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundation	<p>Using simple tools: -scissors -glue -tape Learning how to hold, store and use these tools safely and effectively.</p> <p>Joining materials Using paper, design a Humpty by joining his features.</p>	<p>Using simple tools: -stapler -hole punch Learning how to hold, store and use these tools safely and effectively.</p> <p>Materials: Through play, exploring the properties of different materials - card, paper, plastic, fabric and how these can be</p>	<p>Using simple tools: -split pin Learning how to hold, store and use these tools safely and effectively.</p> <p>Making moving pictures: Mechanisms - hinges, paper and pipe cleaner springs, split-pins, concertina folds.</p>		<p>3D minibeast models Use of Withies to construct 3D shapes. Link to mathematics.</p>	<p>Using tools with supervision: Glue gun</p> <p>3D vehicle models -Making a cube from a net. -Deconstructing a 3D shape and rebuilding. -Techniques for joining two 3D shapes e.g. using tabs.</p>

Year 1	<u>Mechanisms</u> Sliders and Levers Mother's day cards or Christmas card	<u>Structures</u> Playground equipment or toys <i>(New unit to Year 1)</i>	<u>Food</u> Fruit kebabs Soup
Year 2	<u>Mechanisms</u> Wheels and Axles Trolleys	<u>Textiles</u> Puppets	<u>Food</u> Bread
Year 3	<u>Mechanical systems</u> Pulleys (catapults)	<u>Structures</u> Shell Structures <i>(New unit to Year 3)</i>	<u>Food</u> Food product to go on Shell structure boxes(TBC)
Year 4	<u>Textiles</u> Batik – merged with Art	<u>Electrical Systems</u> Light up Christmas cards	<u>Food</u> ?
Year 5	<u>Mechanical Systems</u> Cams	<u>Textiles</u> Make do and mend Sustainability	<u>Food</u> Energy balls (no peanut butter!)
Year 6	<u>Electrical systems</u> Torches	<u>Structures (frame)</u>	<u>Food</u> Scones

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