



Design Technology Long Term Plan



Nursery						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	Rhyme and Colour	Let's Celebrate!	Growth and Change		People Who Help Us	Bears, Bears, Bears!
<u>Key Texts</u>	<p>**A range of high-quality picture books to introduce children to story time **</p> <p>Nursery Rhymes Goldilocks and the three bears The Gingerbread Man</p>	<p>The Colour Monster</p> <p>*With additional stories from Reading Long Term Plan</p>	<p>The Very Hungry Caterpillar Jack and the Beanstalk The Enormous Turnip</p>		<p>Range of non-fiction texts</p>	<p>Everywhere Bear We're Going on a Bear Hunt Paddington</p>
<u>EAD</u>	<p>*Listen with increased attention to sounds.</p> <p>*Respond to what they have heard, expressing their thoughts and feelings. Remember and sing entire songs.</p> <p>*Take part in simple pretend play, using an object to represent something else.</p> <p>*Join different materials and explore different textures.</p>	<p>*Explore colour and colour mixing</p> <p>*Show different emotions in their drawings and paintings.</p> <p>*Play instruments with increasing control to express their feelings and ideas.</p> <p>*Sing the melodic shape of familiar songs.</p>	<p>*Explore different materials freely, in order to develop their ideas about how to use them and what to make.</p> <p>*Create closed shapes with continuous lines and begin to use these shapes to help represent objects.</p> <p>*Draw with increasing complexity and detail.</p>		<p>* Begin to develop complex stories using small world equipment.</p> <p>*Make imaginative and complex 'small worlds' with blocks and construction kits.</p>	<p>*Develop their ideas and then decide which materials to use to express them.</p>



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Reception						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	All about Me!	Tell me a Story	The Big Wide World		Crazy Construction	Water, Water, Everywhere!
<u>Key Texts</u>	<p>**A range of high-quality picture books to introduce children to Reception story time **</p> <p>How to fill a bucket Only one me Unicorn ...</p>	<p>The Gruffalo 5 Minutes Peace The Day the Crayons Quit</p> <p>*With additional stories from Reading Long Term Plan</p>	<p>How to catch a star Aliens love Underpants Whatever Next Little Red Riding Hood How to grow a dinosaur</p>		<p>Three Little Pigs Katie in London</p> <p>The Royal Family</p>	<p>Billies Bucket Someone swallowed Stanley Finding Nemo Tiddler Rainbow Fish</p>
<u>EAD</u>	<p>*Explore use and refine a variety of artistic effects to express ideas and feelings.</p> <p>*Return to and build on their previous learning, refining ideas and developing their ability to represent them.</p> <p>*Sing in a group or on their own.</p>	<p>*Create collaboratively sharing ideas, resources and skills.</p> <p>*Develop storylines in their pretend play.</p>	<p>*Listen attentively, move to and talk about music, expressing their feelings and responses.</p> <p>*Watch and talk about dance and performance art, expressing their feelings and responses.</p>		<p>*Explore and engage in music making and dance, performing solo or in groups.</p>	ELG statements



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Mechanisms	Structures	Textiles	Mechanisms	Cooking and nutrition	<ul style="list-style-type: none"> ★ Celebrate KS1's achievements in D&T, with a gallery of their products. ★ Set an invention challenge with scrap materials. ★ Extra-curricular trips. ★ Overflow time to complete units.
	<u>Making a moving story book</u>	<u>Constructing a windmill</u>	<u>Textiles: Puppets</u>	<u>Wheels and axles</u>	<u>Smoothies</u> (6 lessons)	
Year 2	Mechanisms	Cooking and nutrition	Mechanisms	Structures	Textiles	
	<u>Fairground wheel</u>	<u>Balanced diet</u> (6 lessons)	<u>Making a moving monster</u>	<u>Baby bear's chair</u>	<u>Pouches</u>	



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Textiles	Electrical systems	Mechanical systems	Digital world	Cooking and nutrition	Structures
	Cross-stitch and applique Cushions or Egyptian collars	Electric poster	Pneumatic toys	Wearable technology	Eating seasonally (6 lessons)	Constructing a castle
Year 4	Electrical systems	Mechanical systems	Digital world	Cooking and nutrition	Structures	Textiles
	Torches	Making a slingshot car	Mindful moments timer	Adapting a recipe (6 lessons)	Pavilions	Fastenings
Year 5	Mechanical systems	Digital world	Cooking and nutrition	Structures	Textiles	Electrical systems
	Making a pop-up book	Monitoring devices	Developing a recipe (6 lessons)	Bridges	Stuffed Toys	Doodlers
Year 6	Digital world	Cooking and nutrition	Structures	Textiles	Electrical systems	Mechanical systems
	Navigating the world	Come dine with me (6 lessons)	Playgrounds	Waistcoats	Steady hand game	Automata toys