



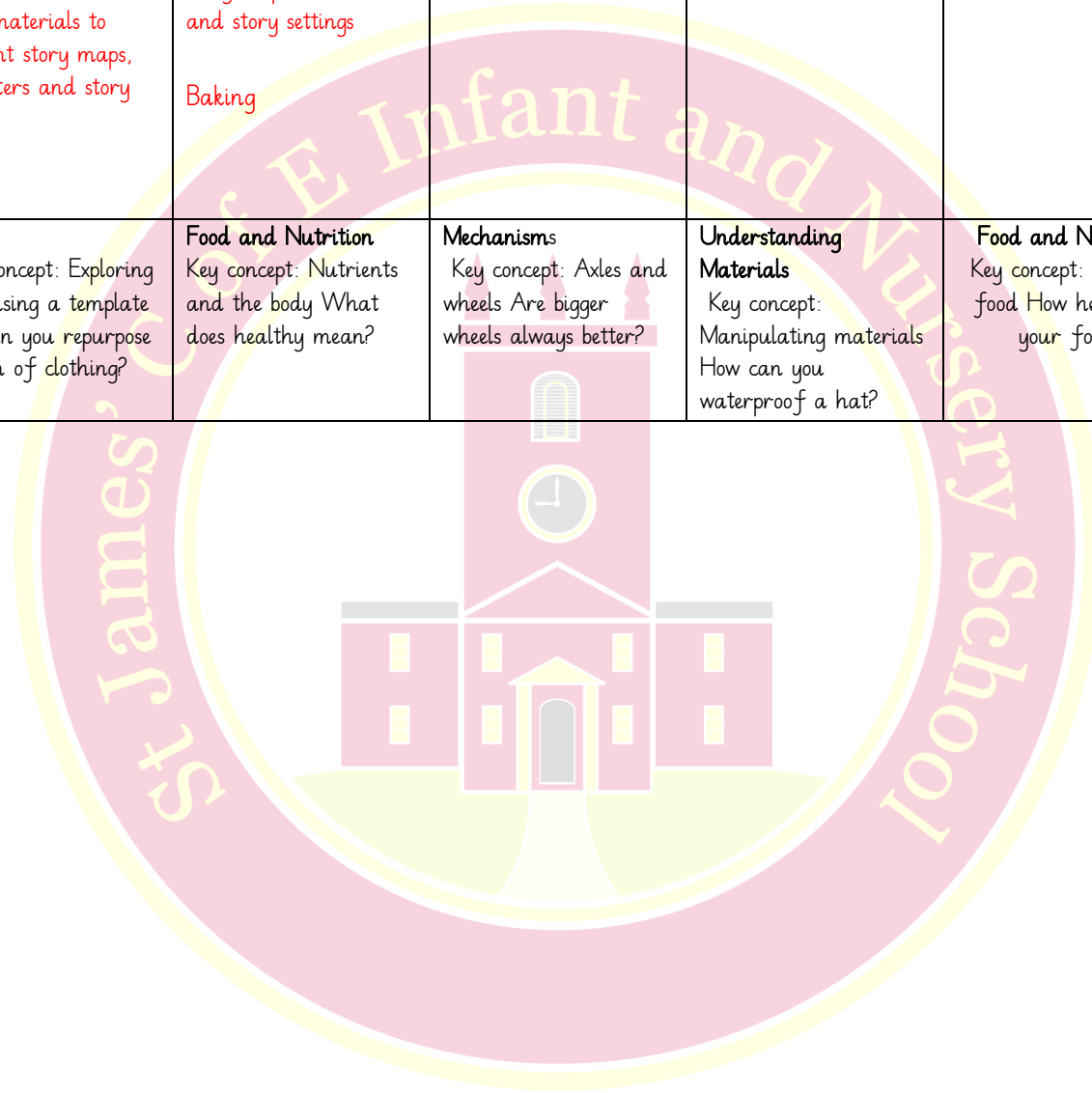
## Subject: Curriculum Overview: Design and Technology

Cycle A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>Would you like to snuggle up with a book?</p> <p>Children will have lots of opportunities to manipulate and play with different materials</p> <p>Baking</p>	<p>What is your favourite toy?</p> <p>Children will have lots of opportunities to explore different materials using their senses</p> <p>Baking</p>	<p>Nursery Rhymes</p> <p>Children will use a variety of materials in continuous provision to create different story settings.</p> <p>Baking</p>	<p>Where do you like to shop?</p> <p>In continuous provision children will design and make a useful product linked to their learning about 'people doing different jobs</p> <p>Baking</p>	<p>Bears, bears, bears!</p> <p>Within continuous provision children will choose from a variety of materials (eg. Straws, egg boxes, card, paper etc.) to make animals linked to their learning about bears</p> <p>Baking</p>	<p>What lives in the garden?</p> <p>Within continuous provision children will choose from a variety of materials and textures to make minibests/habitats butterflies linked to their learning about minibests</p> <p>Baking</p>
Reception	<p>What makes me special?</p> <p>Creating with Materials Within continuous provision children will have the opportunity to fold, bend, scrunch, rip, cut, curl, and combine different materials to create hair for a picture of themselves or their family and friends.</p>	<p>Who lives in the woods?</p> <p>Creating with Materials within continuous provision children will design and make different products linked to celebrations and animals eg. Christmas card, calendar, diva lamps, wrapping paper etc.</p> <p>Use loose parts/ materials to represent</p>	<p>Do you like gravy on your ice-cream?</p> <p>Children will make a variety of healthy snacks such as soup fruit kebabs, granola, smoothies etc. Use loose parts/ materials to represent story maps, characters and story settings</p> <p>Baking</p>	<p>Is there room on the bus?</p> <p>Children will design and create different representations of transport. Use loose parts/ materials to represent story maps, characters and story settings.</p>	<p>Who put the colours in the rainbow?</p> <p>Children to use loose parts/ materials to represent a variety of environments. Children will create maps, characters and story settings.</p> <p>Baking</p>	<p>To infinity and beyond!</p> <p>Children to use loose parts/ recycled materials to represent a variety of environments and vehicles such as boats and rockets. Children will create maps, characters and story settings.</p>



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<b>Year 1/2</b>	<p>Use loose parts/materials to represent story maps, characters and story settings</p>	<p>story maps, characters and story settings</p> <p>Baking</p>				
	<p><b>Textile</b></p> <p>Key concept: Exploring shape using a template</p> <p>How can you repurpose an item of clothing?</p>	<p><b>Food and Nutrition</b></p> <p>Key concept: Nutrients and the body</p> <p>What does healthy mean?</p>	<p><b>Mechanisms</b></p> <p>Key concept: Axles and wheels</p> <p>Are bigger wheels always better?</p>	<p><b>Understanding Materials</b></p> <p>Key concept: Manipulating materials</p> <p>How can you waterproof a hat?</p>	<p><b>Food and Nutrition</b></p> <p>Key concept: Processed food</p> <p>How healthy is your food?</p>	<p><b>Structures</b></p> <p>Key concept: Developing strength in structures</p> <p>How strong is a piece of paper?</p>





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Cycle B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>It's good to be me! Make simple models.</p>	<p>Where would you like to go?</p> <p>Make imaginative and complex 'small worlds' with blocks and construction kits</p> <p>Develop their own ideas and then decide which materials to use to express them.</p>	<p>Do you want to be a Superhero?</p> <p>Create closed shapes with continuous lines, and begin to use these shapes to represent objects.</p>	<p>Do you want to be a real-life superhero?</p> <p>Make imaginative and complex 'small worlds' with blocks and construction kits</p>	<p>What a wonderful world?</p> <p>Explore different materials freely, to develop their ideas about how to use them and what to make.</p> <p>Join different materials and explore different textures.</p>	<p>Under the sea</p> <p>Explore different materials freely, in order to develop their ideas about how to use them and what to make.</p> <p>Develop their own ideas and then decide which materials to use to express them.</p> <p>Join different materials and explore different textures</p>
Reception	<p>What makes me special?</p> <p>Creating with Materials Within continuous provision children will have the opportunity to fold, bend, scrunch, rip, cut, curl, and combine different materials to create hair for a picture of themselves</p>	<p>Who lives in the woods?</p> <p>Creating with Materials within continuous provision children will design and make different products linked to celebrations and animals eg. Christmas card, calendar, diva lamps, wrapping paper etc.</p>	<p>Do you like gravy on your ice-cream?</p> <p>Children will make a variety of healthy snacks such as soup fruit kebabs, granola, smoothies etc. Use loose parts/ materials to represent story maps, characters and story settings</p>	<p>Is there room on the bus?</p> <p>Children will design and create different representations of transport. Use loose parts/ materials to represent story maps, characters and story settings.</p>	<p>Who put the colours in the rainbow?</p> <p>Children to use loose parts/ materials to represent a variety of environments. Children will create maps, characters and story settings.</p>	<p>To infinity and beyond!</p> <p>Children to use loose parts/ recycled materials to represent a variety of environments and vehicles such as boats and rockets. Children will create maps, characters and story settings.</p>



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	<p>or their family and friends. Use loose parts/materials to represent story maps, characters and story settings</p>	<p>Use loose parts/materials to represent story maps, characters and story settings</p> <p>Baking</p>	<p>Baking</p>		<p>Baking</p>	
<p>Year 1/2</p>	<p><b>Mechanisms</b> Key concept: Sliders and levers How can you make a picture move?</p>	<p><b>Structures</b> Key concept: Freestanding structures How can you stop a tower from toppling over?</p>	<p><b>Food and Nutrition</b> Key concept: Exploring food senses How does food affect your senses?</p>	<p><b>Understanding Materials</b> Key concept: Selecting materials Can you build with bread?</p>	<p><b>Textiles</b> Key concept: Joining techniques How can two squares of fabric keep you warm?</p>	<p><b>Food and Nutrition</b> Key concept: Vitamins in food Why are vegetables the best?</p>