

## Design Technology Curriculum Map

CYCLE 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer1	Summer 2
Reception	EAD Exploring and using media and materials to create Autumnal art work.	EAD Exploring a variety of materials, experimenting with colour, design, texture and function.	EAD Experimenting with form and design to construct with a purpose in mind.	EAD Developing our observational drawing skills and scissor control.	EAD Developing our ability to manipulate a variety of materials, including clay, to create models.	EAD Developing their own ideas through selecting and using different colours and materials.
Year 1 Year 2		<b>Mechanisms - Focus:</b> <b><u>Sliders and Levers</u></b>  Moving pictures - winter scene		<b>Structures - Focus:</b> <b><u>Freestanding structures</u></b>  Chairs		<b>Cooking and Nutrition</b> <b>- Focus:</b> <b><u>Preparing fruit and vegetables.</u></b>  Picnic
Year 3 Year 4	<b>Structures - Focus:</b> <b><u>Shell Structures</u></b>  Desk organisers (using CAD and woodwork to reinforce)			<b>Cooking and Nutrition</b> <b>- Focus:</b> <b><u>Food miles</u></b>  Pizza		<b>Mechanical systems - Focus:</b> <b><u>Levers &amp; Linkages</u></b>  Shakespeare Festival Puppets
Year 5 Year 6	<b>Cooking and Nutrition</b> <b>- Focus:</b> <b><u>Celebrating seasonality</u></b>  Cooking for the season - Soup			<b>Mechanical systems - Focus:</b> <b><u>Pulleys and gears</u></b> <b><u>Complex switches</u></b>  Fairground Rides		<b>Mechanical systems - Focus:</b> <b><u>CAMS</u></b>  Making Toys

## Design Technology Curriculum Map

CYCLE 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer1	Summer 2
Reception	EAD Exploring and using media and materials to create Autumnal art work.	EAD Exploring a variety of materials, experimenting with colour, design, texture and function.	EAD Experimenting with form and design to construct with a purpose in mind.	EAD Developing our observational drawing skills and scissor control.	EAD Developing our ability to manipulate a variety of materials, including clay, to create models.	EAD Developing their own ideas through selecting and using different colours and materials.
Year 1 Year 2		<b>Mechanisms - Focus:</b> <u>Wheels and Axles</u>  Vehicles		<b>Textiles - Focus:</b> <u>Template and joining techniques.</u>  Animal puppets		<b>Cooking and Nutrition</b> - <b>Focus:</b> <u>Preparing fruit &amp; vegetables</u>  Packed lunch
Year 3 Year 4		<b>Textiles - Focus:</b> <u>2D shape to 3D product</u>  Worry Monsters		<b>Mechanical systems - Focus:</b> <u>Pneumatics</u>  Pop up animals		<b>Cooking and Nutrition</b> - <b>Focus:</b> <u>Healthy and varied diet</u>  Pasta Sauce
Year 5 Year 6	<b>Structures - Focus:</b> <u>Frame Structures</u>  Bridges		<b>Cooking and Nutrition</b> - <b>Focus:</b> <u>Farm to Fork</u>  Cooking with Mince		<b>Textiles - Focus:</b> <u>Combining fabric shapes.</u>  Cases and holders	