



## Long Term Planning Overview: Design & Technology Curriculum

	Autumn Term 1 & 2		Spring Term 1 & 2		Summer Term 1 & 2	
<b>Year R</b>	<b>EAD</b> - Make imaginative and complex 'small worlds' with blocks and construction kits, such as a city with different buildings and a park through the introduction of construction areas in discovery time Explore different materials freely, to develop their ideas about how to use them and what to make. Develop their own ideas and then decide which materials to use to express them. Join different materials and explore different textures within discovery time and planned enhancements		<b>EAD</b> - Explore, use and refine a variety of artistic effects to express their ideas and feelings. Return to and build on their previous learning, refining ideas and developing their ability to represent them. Create collaboratively, sharing ideas, resources and skills linked to PLODs and building on the Autumn Term		<b>Early Learning Goal:</b> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function; Share their creations, explaining the process they have used including learning to draw a design and talk about how they made it.	
<b>Year 1</b>	<u>Autumn 1</u> <b>Topic :</b> Slides and Levers <b>Theme:</b> Pop up books <b>Concept:</b> Mechanisms	<u>Autumn 2</u> <b>ART</b>	<u>Spring 1</u> <b>Topic :</b> Free Standing Structures <b>Theme:</b> Toy Parks <b>Concept:</b> Structures	<u>Spring 2</u> <b>ART</b>	<u>Summer 1</u> <b>Topic :</b> Preparing Fruit and Vegetables <b>Theme:</b> Fruit Smoothies <b>Concept:</b> Nutrition	<u>Summer 2</u> <b>ART</b>
<b>Year 2</b>	<u>Autumn 1</u> <b>ART</b>	<u>Autumn 2</u> <b>Topic :</b> Preparing Fruit and Vegetables <b>Theme:</b> Salads <b>Concept:</b> Nutrition	<u>Spring 1</u> <b>ART</b>	<u>Spring 2</u> <b>Topic :</b> Templates and Joining <b>Theme:</b> Blanket pieces <b>Concept:</b> Textiles	<u>Summer 1</u> <b>Topic :</b> Wheels and Axels <b>Theme:</b> Cars – change <b>Concept:</b> Mechanisms	<u>Summer 2</u> <b>ART</b>
<b>Year 3</b>	<u>Autumn 1</u> <b>Topic :</b> Levers and Linkages <b>Theme:</b> Moving Sails <b>Concept:</b> Mechanisms	<u>Autumn 2</u> <b>ART</b>	<u>Spring 1</u> <b>Topic :</b> Healthy and Varied Diet <b>Theme:</b> Cold Sandwiches <b>Concept:</b> Nutrition	<u>Spring 2</u> <b>ART</b>	<u>Summer 1</u> <b>Topic :</b> 2D shape to 3d Product <b>Theme:</b> Hand Puppets (HTTYD) <b>Concept:</b> Textiles	<u>Summer 2</u> <b>ART</b>
<b>Year 4</b>	<u>Autumn 1</u> <b>ART</b>	<u>Autumn 2</u> <b>Topic :</b> Shell Structures <b>Theme:</b> Christmas Gift Boxes <b>Concept:</b> Structures	<u>Spring 1</u> <b>Topic :</b> Food <b>Theme:</b> Hot sandwiches/ Omelettes <b>Concept:</b> Nutrition	<u>Spring 2</u> <b>ART</b>	<u>Summer 1</u> <b>Topic :</b> Simple Circuits and Switches <b>Theme:</b> Torches <b>Concept:</b> Electrical Systems	<u>Summer 2</u> <b>ART</b>
<b>Year 5</b>	<u>Autumn 1</u> <b>ART</b>	<u>Autumn 2</u> <b>Topic :</b> Celebrating Culture and Seasonality <b>Theme:</b> Seasonal Crumble <b>Concept:</b> Nutrition	<u>Spring 1</u> <b>Topic :</b> Combining different fabric shapes <b>Theme:</b> Pencil Cases <b>Concept:</b> Textiles	<u>Spring 2</u> <b>ART</b>	<u>Summer 1</u> <b>Topic :</b> Frame Structures <b>Theme:</b> Outdoor learning Structures <b>Concept:</b> Structures	<u>Summer 2</u> <b>ART</b>
<b>Year 6</b>	<u>Autumn 1</u> <b>ART</b>	<u>Autumn 2</u> <b>Topic :</b> More Complex Switches <b>Theme:</b> Fairground Rides <b>Concept:</b> Electrical Systems	<u>Spring 1</u> <b>ART</b>	<u>Spring 2</u> Moving cars with circuits electronics and some mechanisms	<u>Summer 1</u> <b>Topic :</b> Food <b>Theme:</b> Summer Picnic (Scones and Biscuits) <b>Concept:</b> Nutrition	<u>Summer 2</u> <b>ART</b>

Structures
Nutrition
Mechanisms
Textiles
Electronics