



Roe Lee Park Primary School & Nursery

Free to Flourish

Design and Technology Long-Term Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<ul style="list-style-type: none"> • Explore and use a variety of construction materials. • Join different materials together in basic ways. • Talk about their creations. • Begin to talk about and participate in basic baking and food preparation. 					
Reception	<ul style="list-style-type: none"> • Construct with a purpose using a variety of materials, independently and collaboratively. • Use tools and techniques competently and appropriately. • Select a variety of resources and materials and adapt when necessary. • Use a variety of fixings to assemble materials and equipment. • Use language such as join, build and shape. • Begin to understand some of the tools, techniques and process involved in food preparation. 					
Year 1		Cooking and nutrition Healthy, natural foods Fruit Kebabs		Structure and mechanisms Wheels and axles Fire Engines		Textiles Templates and joining techniques Glove Puppets
Year 2	Structure and Mechanisms Freestanding structure Playground Equipment		Cooking and nutrition Food preparation Picnic Lunch		Structures and mechanisms Levers and sliders Moving Mini-beasts	
Year 3		Textiles Sewing and joining techniques Christmas Stockings		Cooking and nutrition Preparing and combining ingredients Bread and Soup		Structures and mechanisms Pneumatic systems Tipper Trucks
Year 4	Cooking and nutrition Understand seasonality Seasonal Vegetables		Structures and mechanisms Freestanding structures Greenhouses		Structures and mechanisms Electrical systems Light Boxes	



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Year 5		Structures and mechanisms Complex 3D models A Moving Toy		Structures and mechanisms Computer control Computer Programmed Toy		Cooking and nutrition Using a range of cooking techniques Great British Dishes
Year 6	Structures and mechanisms Complex structures The Gravina Island Bridge			Cooking and nutrition Understanding seasonality Prepare a Meal		Textiles Combining different fabrics Funky Cushions