

St Patrick's DT Overview 2025-2026						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	N/A	Textiles: Puppets-stiffening /joining techniques Paddington	Mechanisms: Moving Story Book - levers and sliders	Mechanisms: Wheels and Axels	Food and Nutrition: Smoothies	Structures: Constructing a Windmill
Year 2	Food and Nutrition: A Balanced Diet	Mechanisms: Making a moving Monster	Textiles: Pouches -To know that sewing is a method of joining fabric.	Mechanisms: Ferris Wheel	N/A	Structures: Baby Bear's Chair
Year 3	Food and Nutrition: Eating Seasonally	Structures: Constructing a Castle-3D Shapes	Mechanisms: Pneumatic Toys	Digital World :Wearable Technology- Microbits -2D CAD	Electrical Systems: Electric Poster-electrical systems	Textiles: Making a cushion-using Applique
Year 4	Structures: Helmets	Food and Nutrition: Adapting a recipe-cookies	Textiles: Fastenings Designing a personalised book sleeve	Electrical Systems: Torches	Digital World: Mindful Moments Programming microbit Developing prototypes	Mechanical Systems: Making a Slingshot Car
Year 5	Structures: Stable Structures - Bridges -focus on triangulation	Textiles: Making a Stuffed Toy using blanket stich to reinforce edges and applique for decoration.	Electrical Systems: Doodlers Motorised product-uses a motor.	Digital World: Monitoring Devices	Mechanisms: Pop up book sin a mixture of structures and mechanisms.	Food and nutrition: Developing a recipe- What could be healthier? Cooking vegetarian bolognese
Year 6	Electrical Systems: Steady Hand Game	Textiles: Waistcoats-Sustainable/recycle Nets=3D shapes pattern pieces	Digital World: Navigating the world Considering materials/ Sustainable design 3D CAD	Food and Nutrition: Come dine with me - Adapting and following a recipe.	Mechanisms: Automata toys -hand powered mechanical toy	Structures: Playgrounds

KS1 Years 1 and 2 = **5 units** over the course of the school year. Two mechanism units. **No electrical systems. No digital world.**

KS2 Years 3,4,5, and 6= **6 units** over the course of the school year.