

St John's Catholic Primary Long Term Plan - Design and Technology

Nursery	<ul style="list-style-type: none"> • Uses various construction materials. • Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces. • Joins construction pieces together to build and balance. • Realises tools can be used for a purpose 					
Reception	<ul style="list-style-type: none"> • Experiments to create different textures. • Understands that different media can be combined to create new effects. • Manipulates materials to achieve a planned effect. • Constructs with a purpose in mind, using a variety of resources. • Uses simple tools and techniques competently and appropriately. • Selects appropriate resources and adapts work where necessary. • Selects tools and techniques needed to shape, assemble and join materials they are using. 					
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	Structures Design Park apparatus –Linked to Geography topic	Textiles Use joining techniques to make puppets	Food Technology Make a healthy sandwich in a healthy lunchbox –Linked with science topic	Electrical Systems Make a light up Christmas card – Linked to science topic	Textiles To make a Christmas sockings.	Food Technology Make savoury Christmas muffins.
Spring	Mechanisms Create sliders and levers pictures	Mechanisms To make a wheeled vehicle	Textiles To make a bag to carry food –linked to History topic	Food technology Make quiche	Food technology Make a pizza focusing on the culture and seasonality	Structures Design and make a model of a shelter - Linked to History topic WWII
Summer	Food Technology Food salad – Linked to English topic	Food Technology Savoury salad	Structures To make a pyramid –Linked to history topic	Mechanisms To make a story book using levers and sliders	Mechanisms To use pulleys, gears system.	Electrical systems To design and make a security light when triggered.

