

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 stockings.	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.

