



HOLY TRINITY

Design and Technology Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>Autumn Vegetable soup Cutting vegetables.</p> <p>Using Tools Holding a pencil.</p>	<p>Christmas Creating Christmas decorations</p>	<p>Collage To make a 3D collage of a tortoise.</p>	<p>Building Build a lego farm</p> <p>Collage Easter cards</p>	<p>Using Tools How to hold scissors to make snips</p> <p>Collage To make a 3D collage of a flower.</p>	<p>Collage To make a collage of a mermaid.</p>
Reception	<p>Exploring To learn to use media materials tools and techniques including: dough, craft, blocks both indoor and outdoor.</p> <p>Origins of Food What is the Harvest. Supertato creations.</p>	<p>Food To use tools and techniques to make hedgehog bread.</p>	<p>Tools To refine their use of scissors for control cuts, making snowflakes.</p> <p>Building To explore building with the ice blocks.</p>	<p>Tools To experiment with materials, tools and techniques to create bug houses and play dough mini-beasts.</p>	<p>Tools To experiment with materials, tools and techniques to create brooder boxes.</p>	<p>Building To use large construction to create planes and trains.</p>
Year 1		Make a puppet		Make a sliding moving picture. Links to Geography (comparing London to Barnsley.)		Building 17th century houses Junk modelling/ show children how to make timber frames
Year 2		Rainforest Moving Animals To design, make and evaluate a moving rainforest animal linked to the rainforest art of Henri Rousseau	Victorian Recipes To design, plan, make and evaluate a Victorian afternoon tea fit to be eaten by the Spencer-Stanhope family at Cannon Hall based on Victorian recipes		Working Lighthouse To design, make and evaluate a model of a working lighthouse based on the Darling's Longstone Lighthouse	

Year 3		Designing and making purses Evaluate a range of purses Design a purse using a range of fastenings	Comparing, Designing, Making and Evaluating Bread. Understand and apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed			Shadow puppets Evaluating puppets from different cultures Moving parts, translucent materials
Year 4	Sandal To design, make and evaluate a Roman sandal			Create the Titanic using a battery-operated light To design and build a structure of the Titanic based on the original ship and evaluate the finished product		Moving Farmyard Animal To design and make a moving mechanism
Year 5		Chinese cooking including health and hygiene and finding out where the ingredients come from	Design, make and evaluate a vehicle best fit for purpose using wood to cut (saw), shape, join and finish			
Year 6	Wartime Recipes Creating own recipe using rationing			Plan and design a Labyrinth		History of Computers