



HOLY TRINITY

Design and Technology Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Autumn Vegetable soup Cutting vegetables. Using Tools Holding a pencil.	Christmas Creating Christmas decorations	Collage To make a 3D collage of a tortoise.	Building Build a lego farm Collage Easter cards	Using Tools How to hold scissors to make snips Collage To make a 3D collage of a flower.	Collage To make a collage of a mermaid.
Reception	Exploring To learn to use media materials tools and techniques including: dough, craft, blocks both indoor and outdoor. Origins of Food What is the Harvest. Supertato creations.	Food To use tools and techniques to make hedgehog bread.	Tools To refine their use of scissors for control cuts, making snowflakes. Building To explore building with the ice blocks.	Tools To experiment with materials, tools and techniques to create bug houses and play dough mini-beasts.	Tools To experiment with materials, tools and techniques to create brooder boxes.	Building To use large construction to create planes and trains.
Year 1		Make a puppet	Make a sliding/moving picture. Linked 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	Victorian Recipes To design, plan, make and evaluate a Victorian afternoon		Working Lighthouse To design, make and evaluate a model of a working lighthouse	

		rainforest animal linked to the rainforest art of Henri Rousseau	tea fit to be eaten by the Spencer-Stanhope family at Cannon Hall based on Victorian recipes		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 Bronze and Stone Age 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			Moving Farmyard Animal To design and make a moving mechanism		Create a lamp for the Titanic using a battery-operated light To design and build a lamp in the design of those on the Titanic and evaluate the finished product.

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. Bake Off!				Look at the history of computers and using the CAD programme plan and design a Labyrinth.