



D.T Long-Term Plan

St James Church of England Primary School

	Unit 1	Unit 2	Unit 3
Nursery	<u>Junk Modelling</u> Buildings 2-3 Years Children explore junk modelling by joining, stacking and arranging different materials to create simple models. They begin to explore making simple houses and buildings. 3-4 Years Children use junk materials to design and create models of buildings and houses. They explore different shapes, sizes and materials, thinking about the features and purposes of their structures.	<u>Textiles</u> Threading and exploring patterns, 2-3 Years Children explore threading using different materials, developing their hand control and coordination. They begin to notice colours, shapes and simple patterns. 3-4 Years Children explore threading to create patterns using different colours, shapes and materials. They begin to repeat and sequence patterns.	<u>Cooking and Nutrition</u> Healthy eating - Fruit and Vegetables. 2-3 Years Children explore different fruits and vegetables, using their senses to look, smell, touch and taste. They begin to recognise and name familiar healthy foods. 3-4 Years Children explore a variety of fruits and vegetables and talk about healthy foods and why they are good for our bodies. They take part in simple cooking activities and develop an understanding of healthy eating.
Reception	<u>Junk Modelling</u> Vehicles	<u>Textiles</u> Threading, weaving and evaluate	<u>Cooking and Nutrition</u> Healthy eating - Where does food come from?
Year 1	<u>Cooking and Nutrition</u> Preparing fruit and vegetables: Fruit Smoothie	<u>Structures</u> Freestanding Structures: Zoo Enclosures.	<u>Mechanisms</u> Sliders & Levers
Year 2	<u>Cooking and Nutrition</u> Preparing fruit and vegetables: Vegetable Salad.	<u>Textiles</u> Templates & Joining: Superhero Cape.	<u>Mechanical Systems</u> Levers and Linkages
Year 3	<u>Cooking and Nutrition</u> Healthy and varied diets Sandwich.	<u>Structures</u> Shell Structures: Sandwich Packaging [CAD].	<u>Electrical Systems</u> Simple Circuits and Switches
Year 4	<u>Cooking and Nutrition</u> Healthy and varied diets Burrito.	<u>Textiles</u> 2D shapes to 3D products: Juggling Balls	<u>Mechanical Systems</u> Pullies or gears

Year 5	<u>Cooking and Nutrition</u> Celebrating Culture and Seasonality: Bread	<u>Structures</u> Frame structures: Rainforest Shelter.	<u>Electrical Systems</u> More complex switches
Year 6	<u>Cooking and Nutrition</u> Celebrating Culture and Seasonality: Soup.	<u>Textiles</u> Combining different fabric shapes: Safe Storage.	<u>Mechanisms</u> Wheels and Axels