

St Matthew's Catholic Primary School

D&T Planning Overview

	Autumn Term	Spring Term	Summer Term
Reception	Throughout the year children will have the opportunity to construct with a purpose in mind, use simple tools and techniques appropriately, build and construct with a wide range of objects, select the tools and techniques they need to shape and assemble and join materials using different methods.		
Year 1	<p>Christmas Card Mechanisms Sliders and levers</p> <p>Children to find out what a moving mechanism is and how to create one. They will focus on slider mechanisms, recognising different types and how they work before using a character to create their own moving picture</p>	<p>Playgrounds Structures Freestanding structures</p> <p>Children to explore and discuss various different playground equipment and the materials used to make it. They will choose two different pieces of equipment to draw, label and make.</p>	<p>Fruit kebabs Food Preparing fruit and vegetables</p> <p>Children to look at variety of different foods and the importance of eating more fruit and vegetables than certain other groups of foods. They will be challenged to design some new recipes using different fruits and making sure they are colourful, tasty and healthy</p>
Year 2	<p>Christmas stocking Textiles Templates and joining techniques</p> <p>Children will learn different sewing techniques to use when creating a decoration. They will practise these skills before making their decoration..</p>	<p>Moving vehicle Mechanisms Wheels and axles</p> <p>Children to explore and discuss a variety of different vehicles, their features and what they are used for. To follow their designs to create and make their vehicles using a range of craft materials. They will need to make sure they are working safely and carefully</p>	<p>Perfect Pizzas Food Preparing fruit and vegetables</p> <p>Children to look at variety of different foods and the importance of eating a well-balanced diet. Children to design and make a healthy and balanced pizza, making sure they remember to follow the pizza criteria chosen.</p>
Year 3	<p>Gift boxes Structures Shell structures</p> <p>Children will investigate a collection of different shell structures including packaging and gifts boxes. They will then design and create their own shell structure with a specific purpose.</p>	<p>Pencil Cases Textiles 2-D shape to 3-D product</p> <p>Children will learn about a variety of hand-sewing stitches, then either practise joining pieces of scrap material using different hand-sewing stitches, or practise stitches using a template.</p>	<p>Seasonal Food Food Healthy and varied diet</p> <p>Children will learn about the nutritional content of a variety of foods and consider how grouping food can help us plan for a healthy diet.</p>