



# St Joseph's Catholic Primary School, Gateshead

## Design and Technology Overview.



	<b>Autumn 2</b>	<b>Spring 2</b>	<b>Summer 2</b>
<b>Year 1</b>	Mechanisms - Sliders and levers I will design, make and evaluate a moving Christmas Card for my family	Structures - Freestanding structures I will design, make, and evaluate a model bridge for the Three Billy Goats Gruff.	Food - Preparing fruit and vegetables. I will design, make, and evaluate a fruit kebab
<b>Year 2</b>	Mechanisms - Wheels and axles I will design, make and evaluate a Christmas themed vehicle	Food - Preparing fruit and vegetables I will design, make and evaluate a dip for vegetable sticks	Textiles - Templates and joining techniques I will design, make and evaluate a hand puppet.
<b>Year 3</b>	Structures - Shell structures I will design, make and evaluate a Christmas Gift box to give to a family member or friend	Food - Healthy and varied diet I will design, make and evaluate a tasty sandwich	Textiles - 2-D shape to 3-D product I will design, make and evaluate a bendy bag.
<b>Year 4</b>	Mechanical Systems - Levers and linkages I will design, make and evaluate a moving story book to retell the Christmas Story to Reception Class	Electrical Systems - Simple circuits and switches I will design, make and evaluate a torch, lamp or lantern	Food - Healthy and varied diet I will design, make and evaluate a healthy salad
<b>Year 5</b>	Electrical Systems - More complex switches and circuits I will design, make and evaluate a night light for a baby/child's bedroom.	Structures - Frame structures I will design, make and evaluate a small scale version of a bird hide.	Food - Celebrating culture and seasonality I will design, make and evaluate some themed cookies.
<b>Year 6</b>	Textiles - Combining different fabric shapes I will design, make and evaluate a fabric advent calendar	Food - Celebrating culture and seasonality. I will design, make, and evaluate a range of scones.	Mechanical Systems - Pulleys or gears I will design, make, and evaluate a cam project with a message.