



# Burton Green Primary School

## Design Technology at BG 2020-2021 Overview

Use <https://www.kapowprimary.com/subjects/design-technology/> for resources and detailed lesson plans. Each block to be taught as a whole week of DT.

Subject	Autumn	Spring	Summer
Topic	Around the World	York	Environment Explorers
Y1	<b>Textiles: Puppets</b>  Project: To make a finger puppet of an animal not native to the UK.	<b>Mechanisms: Making a Moving Story Book</b>  Project: A story based in York with sliding parts.	<b>Mechanisms: Wheels and Axles</b>  Project: A junk model vehicle with two axles and four wheels. Themed on topic.
Y2	<b>Mechanisms: Making a Moving Monster</b>  Project: Use card and split pins to make a jungle animal (or related topic item) to move.	<b>Textiles: Pouches</b>  Project: Making a purse as a Mother's Day present OR Easter themed.	<b>Mechanisms: Fairground Wheel</b>  Project: Making a ferris wheel with an axle and using a wheel. Themed on topic.
Y3	<b>Mechanical Systems: Pneumatic Toys</b>  Project: Use balloons and syringes to use air to make a jungle animal move-whether legs moving or mouth opening.	<b>Electrical Systems: Static Electricity</b>  Project: Create a game using static energy. York based.	<b>Textiles: Cushions</b>  Project: Sew a cushion and applique with environmental slogans/ topic based.

Y4	<p><b>Mechanical Systems: Making a Slingshot Car</b></p> <p>Project: Making a safari vehicle or mode of transport from another culture.</p>	<p><b>Electrical Systems: Torches</b></p> <p>Project: Making a spotlight to illuminate Y1's story books.</p>	<p><b>Textiles: Fastenings</b></p> <p>Project: Making a book sleeve to keep their reading book safe over the summer holidays.</p>
Y5	<p><b>Textiles: Stuffed Toys</b></p> <p>Project: Making a children's toy to sell at the Christmas Fayre.</p>	<p><b>Mechanical systems: Automata Toys</b></p> <p>Project: Making a wooden frame and then using off centre cams and levers to make movement. York themed.</p>	<p><b>Structure: Bridges</b></p> <p>Project: Build and test bridges made from different materials</p>
Y6	<p><b>Textiles: Christmas stockings</b></p> <p>Project: Making a Christmas stocking as a gift or to sell at the Fayre.</p>	<p><b>Mechanical systems: Automata Toys</b></p> <p>Project: Making a wooden frame and then using off centre cams and levers to make movement. York themed.</p>	<p><b>Electrical Systems: Making a carousel with a motor</b></p> <p>Project: Making a fairground carousel with a circuit and a motor to turn.</p>