

2015-2016 DT Curriculum Outline

Year Group	Unit 1	Unit 2	Unit 3
Year 1	<p style="text-align: center;">Flying Kites</p> <p>Children will test different materials, design kites, construct a Carp Kite and a diamond kite, fly kites and evaluate their own creations.</p>	<p style="text-align: center;">Fruit and Veg</p> <p>Children will explore a variety of fruits and vegetables, what they look like, taste like and feel like, as well as how to prepare fruits and vegetables through cutting, grating, peeling and more. They will then have the challenge of designing, making and evaluating their own salad or smoothie.</p>	<p style="text-align: center;">Moving Pictures</p> <p>Children will think up exciting and inventive ways to bring their pictures to life through a variety of moving mechanisms. They will explore sliders, levers, pivots and wheel mechanisms and how they can be used to make different parts of a picture move.</p>
Year 2	<p style="text-align: center;">Sewing – Puppets</p> <p>Children will find out how to work with fabric to create their own puppets. Starting off by looking at simple finger puppets, they will then develop their sewing skills before designing, creating and evaluating their own glove puppets.</p>	<p style="text-align: center;">Perfect Pizzas</p> <p>Children will explore pizzas, discovering what a variety of toppings and bases look like, taste like and feel like. They will then have the challenge of designing and making their pizza to meet a design brief and evaluate it based on the criteria.</p>	<p style="text-align: center;">Wacky Windmills</p> <p>Children will explore different ways of making windmill bases and sails with classroom and craft materials, learning how to join materials together and make axles allowing sails to spin in the wind. They can then design, make and evaluate their own wacky windmill.</p>
Year 3	<p style="text-align: center;">Money Containers</p> <p>Children will explore a variety of money containers, looking at the different kinds of materials and components used, as well as areas such as design and appearance. Children will have the chance to practise their sewing skills and expand their experience of working with textiles, as well as designing, making and evaluating their very own money containers.</p>	<p style="text-align: center;">Sandwich Snacks</p> <p>Children will explore different food groups and learn how to translate these into healthy, balanced sandwiches. They will taste and test a variety of sandwich fillings and types of bread, then design, make, eat and evaluate their own healthy sandwich snacks.</p>	<p style="text-align: center;">Moving Monsters</p> <p>Children will have the chance to get to grips with pneumatic systems before designing, making and evaluating their own monster with moving parts.</p>

<p>Year 4</p>	<p>Torches</p> <p>Children will have the chance to find out about circuits, metal components and switches before designing and making their very own lights.</p>	<p>Biscuits</p> <p>Children will have the chance to explore different kinds of biscuits, including their flavours, textures and appearances, find out which biscuits are most and least popular, as well as design, make, evaluate (and, of course, eat!) their own biscuits.</p>	<p>Photo Frames</p> <p>Children will have the chance to explore the materials and components of different photograph frames, engage in practical activities to develop their experience of working with tools and techniques, as well as having the chance to design, make and evaluate their own photograph frames.</p>
<p>Year 5</p>	<p>Moving Toys</p> <p>Children will investigate cam mechanisms and toys that contain them. They will discover how different shaped cams can alter the movement of the follower and how to create a sturdy structure using a variety of tools and techniques. They will then have the chance to design, make and evaluate their own moving toy with a cam mechanism.</p>	<p>Bread</p> <p>Children will have the task of tasting a variety of different breads and thinking about how bread can contribute to a balanced diet before going on to design, make, evaluate (and, of course, eat!) their own breads.</p>	<p>Musical Instruments</p> <p>Children will explore different instruments and sounds through a variety of suggested media before embarking on the process of designing, making and evaluating the children's own musical instruments.</p>
<p>Year 6</p>	<p>Building Bridges</p> <p>Children will build models using readily available materials. Working well as part of a team and considering the views of others will be crucial as children get to grips with designing and making a variety of model bridge designs!</p>	<p>Healthy Burgers</p> <p>Children will learn about nutrition and where our body gets energy from. They will design, cook, taste and evaluate their own healthy burgers.</p>	<p>Fairgrounds</p> <p>Children will examine a variety of rotating fairground rides before designing and making their own ride using an electrical motor</p>