



Key Stage 2 (DT) Curriculum Map 2023 - 24

	Autumn	Spring	Summer
Year 3	<p>Seasonal Food</p> <p>Do you know what 'seasonal food' is? Which foods are 'in season' at the moment? Why are certain foods available all year round in Britain? Can you use a variety of techniques to bake cakes safely and hygienically?</p>	<p>Magnetic Mazes</p> <p>Can you identify the features of a material that make it suitable for a purpose? Are you able to think of design criteria to suit a purpose? Can you build a product based on your design criteria? Can you evaluate the success of a product based on your design criteria?</p>	<p>Making Storybooks</p> <p>Can you recognise products that contain lever and linkage systems? What are lever and linkage systems? How do they work? Can you use technical vocabulary to describe lever and linkage systems? Why has a particular mechanism been used for a particular purpose?</p>
Year 4	<p>Seasonal Stockings</p> <p>What sorts of materials are used to make a Christmas stocking? How are these materials attached together? What is running stitch and how do you do it? What sorts of decorations might your stocking have? How might these be applied to your stocking?</p>	<p>Jewellery</p> <p>What kinds of jewellery can you name? What features do they have? What kinds of materials are they made from? How are the materials joined together?</p>	<p>Mini Greenhouses</p> <p>What is a greenhouse? What are they made from? What are they designed to do? How do they work? How could we construct a model of a greenhouse? What materials will it be made from?</p>
Year 5	<p>Chinese Inventions</p> <p>What inventions can you think of? Can you name any Chinese inventions? Why are they so important? What features do kites have? How do kites fly?</p>	<p>Moving Toys</p> <p>How do toys move? What is a cam mechanism and how does it work? What different types of cam are there? How do these cams affect the movement of a toy? How can you use more than one cam in a toy?</p>	<p>Building Bridges</p> <p>What different types of bridge do you know? How do these different bridges work? What materials are these bridges made from? Why are they made from different materials? How are they made?</p>
Year 6	<p>Sewing</p> <p>What sorts of materials would you use to make a soft toy? How are these materials joined together? What is running stitch and how do you do it? What is back-stitch and why might it be better than running stitch sometimes? What sorts of decorations might your soft toy have? How might these be applied to your soft toy?</p>	<p>Bomb Shelters</p> <p>Do you understand that there are many different types of shelters built for different purposes? Can you identify how materials and components have been used? Can you identify which parts support and strengthen structures? What techniques do you know for joining and combining materials? What techniques do you know for strengthening and reinforcing materials? Can you experiment with different techniques to gather ideas for use in your own work?</p>	<p>Bird Houses</p> <p>Can you explain what a bird house is and why people construct them? Do you understand that different birds require different bird house features? Can children describe the materials and features bird houses have? Can you draw 3-D diagrams and exploded diagrams? Can you make amendments to plans to make construction easier? Can you choose appropriate materials to make specific features?</p>



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