

# The Meadow Community Primary School



## DT Overview



<u>Year</u>	<u>Block 1 or 2</u>	<u>Block 3 or 4</u>	<u>Block 5 or 6</u>
1	<p><b>Eat more fruit and veg</b> We will be finding out where fruit and vegetables come from as well as creating and researching healthy meals. We will make fruit tumblers.</p>	<p><b>Homes</b> The children will learn to design and create a product (castle links).</p>	<p><b>Moving pictures</b> The children will learn to design and create a moving picture. They will make cards.</p>
2	<p><b>Christmas sewing</b> Develop skills to join and decorate fabric to create Christmas jumper Christmas cards. Evaluate different methods of joining. Decorate using a range of materials including embroidery thread, beads etc.</p>	<p><b>Vehicles</b> Explore the moving parts of a wheeled vehicle and evaluate different ways of fabricating these. Use learnt skills to plan, create and evaluate a wheeled vehicle. Enrichment – <b>Transport Museum Coventry trip.</b></p>	<p><b>Sandwiches</b> Explore tastes, textures and flavours. Plan create and evaluate sandwiches.</p>
3	<p><b>Moving monsters</b> Investigating how pneumatic systems work followed by designing, making and evaluating our own monsters with moving parts.</p>	<p><b>Fruit tarts</b> Investigating and designing fruit tarts. Looking at combinations to make a tasty tart. Designing, making, eating and evaluating our own fruit tarts.</p>	<p><b>Pencil cases</b> Investigate materials used to make pencil cases and the different ways they open and close. Learn and practise running stitch, whip stitch and back stitch before designing, making, decorating and evaluating our own pencil case creations!</p>
4	<p><b>Seasonal Stockings</b> Developing their knowledge of, and skills in, a variety of sewing techniques for joining and decorating fabric in order to design and make their own Christmas stocking.</p>	<p><b>Mini-greenhouses</b> Finding out the purpose of a greenhouse and how it works, exploring how structures like these can be made stable, and what materials would be the most appropriate to use. Designing, making and evaluating their own mini greenhouse.</p>	<p><b>Bread rolls</b> Learning how to make bread rolls, the process and changes to materials.</p>
5	<p><b>African Musical Instruments</b> Children will investigate different African musical instruments including kalimbas and other percussion instruments; they will select suitable tools and materials to make their own instrument, find ways to improve their instruments and evaluate their end product.</p>	<p><b>Bridges</b> Children will explore pillars, beams, trusses and arches; learn about suspension bridges; design a prototype bridge and make a bridge and evaluate their design.</p>	<p><b>Fashion and textiles</b> Children will investigate how materials are used and made; investigate ways materials are joined and decorated; design and draw pattern pieces; sew a design using pattern; join fabric pieces by hand sewing and add detail by using a range of techniques.</p>
6	<p><b>Burgers</b> Children learn about the nutritional value of different types of burgers. They then taste, design, make and evaluate their own burger.</p>	<p><b>Chinese Inventions – Kites.</b> Children research different shapes and types of kites. They investigate the materials the kites are made from and then design, make and evaluate a kite of their own.</p>	<p><b>Making phone cases / purses</b> Children research different shapes and types of purses / phone cases. They investigate the materials the phones / purses are made from and then design, make and evaluate a purse / phone case of their own.</p>