

DT whole school progression

Year Group	Autumn term (1&2)	Spring term (3&4)	Summer term (5&6)
3	<p>Smoothies</p> <p>Food</p> <p>Preparing fruit and vegetables</p> <p>Health and safety when cooking</p> <p>Cutting – use fork to secure foods, use of writing hand, point index finger down knife, low resistance foods</p> <p>Grating – use of medium resistance foods</p> <p>Science – balanced diet</p>	<p>Clothing</p> <p>Textiles</p> <p>templates and joining</p> <p>Explore different ways to join fabrics.</p> <p>Joining Fabrics using the running stitch and glue</p> <p>English – making clothes for character from the book they're studying in English (Ug by Raymond Griggs)</p>	<p>Structure to hold Teddy</p> <p>Structures</p> <p>freestanding structures</p> <p>Identify different structures and what makes them strong</p> <p>Explore different methods to fold and join materials to create structures</p> <p>Use different joining techniques to create a structure strong enough to hold Teddy</p>
4	<p>Roman Catapults</p> <p>Mechanical systems</p> <p>Levers and Linkages</p> <p>How different fixed and loose pivot points cause different movements</p> <p>Cutting wood using hacksaw and clamp</p> <p>Joining materials using hot glue gun with card to reinforce</p> <p>History – Roman Topic</p> <p>Maths – accurately measuring</p>	<p>Pizza</p> <p>Food</p> <p>Healthy and Varied Diet</p> <p>Health and safety when cooking</p> <p>Cutting – claw grip and bridge hold for low resistance foods</p>	<p>Electrical systems</p> <p>simple programming and control</p> <p>Science – electricity</p> <p>Computing – inputs and outputs, programming computer software</p>
5	<p>Pyramids</p> <p>Structures</p> <p>Frame Structures</p> <p>Investigating which shape is the strongest, use of straws and pipe cleaners to create frame structures, use of nets to encase structure</p> <p>Maths – 2D and 3D shapes, nets</p>	<p>Vehicles</p> <p>Mechanical systems</p> <p>pulleys or gears</p> <p>How pulleys connect and move to enable a vehicle to move</p>	<p>African Donuts</p> <p>Food</p> <p>Celebrating Culture and Seasonality</p>
6	<p>Sewing</p> <p>Textiles</p> <p>Combining Different Fabric Shapes</p> <p>Joining Fabrics using running stitch (recap), backstitch, whipstitch, blanket stitch, making</p>	<p>Dips</p> <p>Food</p> <p>Healthy and Varied Diet</p> <p>Health and safety when cooking</p> <p>Cutting – claw grip and bridge hold for high resistance foods</p> <p>Grating – zesting of citrus fruits</p>	<p>Electrical systems</p> <p>Use any of these: monitoring and control more complex switches</p> <p>Science - electricity</p>

	templates (including leaving seam allowance) Maths – accurately measuring	Science – balanced diet	
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Projects on a page

Cross-curricular links