



# D.T. Overview 2025-26

**Lever Edge Primary School: Design and Technology Coverage Across KS1 & KS2** DME = Design, Make and Evaluate

	Autumn	Spring	Summer
Nursery	<b>Structures:</b> Houses, Space Rockets, Transport	<b>Food:</b> Making colourful playdough – Colour topic  <b>Textiles:</b> Mother’s Day ‘Sewing’	<b>Food:</b> Making fruit kebabs – links to The Hungry Caterpillar and Bugs  <b>Designing and Making:</b> Fish Tanks <b>Textiles:</b> Sewn collage on hessian. Links to water
Reception	<b>Design, Make, Evaluate:</b> Diva Lamps	<b>Food:</b> Making ginger biscuits  <b>Structures:</b> Dinosaurs	<b>Structures:</b> Habitats  <b>Food:</b> Making a fruit salad

**NB: Skills and focused tasks will follow DT in EYFS guidance**

Year 1	<b>Mechanisms: Sliders and Levers</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Cutting, sticking, taping and attaching</li> <li>Replicate slider and lever mechanisms</li> </ul>	<u>Skills &amp; Focussed tasks</u> <b>Structures: Freestanding Structures</b> <ul style="list-style-type: none"> <li>Measuring, marking, cutting, shaping, joining and finishing.</li> <li>Create structure with modelling kits and create freestanding structures with card and tape.</li> </ul>	<b>Food: Preparing fruit and vegetables</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Food hygiene practices, utensil and food prep skills.</li> <li>Children wash, cut and prepare fruits and vegetables that can be eaten raw.</li> </ul>
		<i>DME a model of a Tudor style home. – Linked to History - The Great Fire of London.</i>	
Year 2	<b>Mechanisms: Wheels and Axels</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Mark out, hold, cut, join and construct</li> <li>Assemble examples of wheel, axel and axel holder structures</li> </ul>	<b>Food: Preparing fruit and vegetables</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Food hygiene practices, utensil and food prep skills.</li> <li>Children was, cut and prepare fruits and vegetables that can be eaten raw</li> </ul>	<b>Textiles: Templates and joining techniques</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Measuring, marking, cutting, pinning, taping and stitching</li> <li>Children practice joining / finishing techniques, E.g. running stitch / sewing a button</li> </ul>
	<i>DME a model form of transport for Father Christmas to use in the desert Links to Geography - Africa</i>	<i>DME a healthy salad for a class picnic. Links to Science - Plants.</i>	<i>DME a puppet for a class show to share our learning</i>
Year 3	<b>Structures: Shell structures</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Measuring, marking, cutting, scoring, shaping, joining and finishing nets</li> <li>Create net structures with modelling kits and create using shape templates and CAD</li> </ul>	<ul style="list-style-type: none"> <li><b>Textiles: 2D shape to 3D product</b></li> <li><u>Skills &amp; Focussed tasks</u></li> <li><b>Measuring, marking, cutting, pinning, and stitching pieces of fabric together.</b></li> <li><b>Children practice joining fabrics to create a seam.</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Food: Healthy and varied diet</b></li> <li><u>Skills &amp; Focussed tasks</u></li> <li><b>Food hygiene practices, utensil and food prep skills including bridge and claw cutting techniques.</b></li> <li><b>Children wash, cut and prepare fruits and vegetables that can be eaten raw</b></li> </ul>
	<i>DME gift boxes for a friend for Christmas. Links to Maths - 3D shapes.</i>	<i>DME a purse for a Roman soldier to hold Roman coins. Links to History Ancient Rome.</i>	<i>DME a Mediterranean tapas. Links to Topic and Science - healthy eating</i>
Year 4	<b>Electrical Systems: Simple circuits and switches</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Cutting, Joining, shaping and attaching</li> <li>Construct working circuits using basic switches then make switches with simple classroom materials</li> </ul>	<b>Mechanical Systems: Levers and linkages</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Cutting, sticking, taping, joining and finishing.</li> <li>Replicate lever and linkage mechanisms with fixed / loose pivots</li> </ul>	<b>Food: Healthy and varied diet</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Food hygiene practices, utensil and food prep skills including bridge and claw cutting techniques.</li> <li>Children wash, cut and prepare fruits and vegetables that can be eaten raw</li> </ul>
	<i>DME a Christmas decoration that lights up – linked to electrical circuits in Science.</i>	<i>DME a moving picture for a class book about Anglo Saxons to introduce the topic to next years, Year 4 pupils.</i>	<i>DME a healthy sandwich for children to include in a school packed lunch – linked to healthy eating in Science</i>

Year 5	<b>Structures: Frame Structures</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Measuring, marking, cutting, scoring, shaping, and joining straws / thin sections of wood.</li> <li>Create frame structures with modelling kits, straws / thin sections of wood</li> </ul>	<b>Food: Celebrating culture and seasonality</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Food hygiene practices, utensil and food prep skills including mixing, rubbing or kneading.</li> <li>Children measure and combine ingredients to prepare baked goods using a basic dough recipe</li> </ul>	<b>Electrical Systems: More complex switches and circuits</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Cutting, Joining, shaping and attaching</li> </ul> Construct working circuits using a wide range of switches then make working circuits that are series, parallel and work 2 outputs with multiple switches
	<i>DME a model bird hide for our forest school area – linked to forest school.</i>	<i>DME a loaf of bread for a family meal.</i>	<i>DME an electrical game to play with year 2 pupils.</i>
Year 6	<b>Food: Celebrating culture and seasonality</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Food hygiene practices, utensil and food prep skills including mixing, rubbing or kneading</li> <li>Children measure and combine ingredients to prepare baked goods using a dough recipe</li> </ul>	<b>Mechanical Systems: Pulleys or Gears</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Cutting, sticking, taping, joining and finishing</li> <li>Consolidate wheel/axel and electrical circuit construction</li> <li>Using construction kits to create geared mechanisms</li> </ul>	<b>Textiles: Combining different fabric shapes</b> <u>Skills &amp; Focussed tasks</u> <ul style="list-style-type: none"> <li>Measuring, marking, cutting, pinning, and different stitching techniques</li> <li>Children practice joining fabrics using different stitches</li> </ul>
	<i>DME a European bread product for children to eat during a themed "Greek day" in class – linked Ancient Greece in history</i>	<i>DME a model Tuk-tuk vehicle to transport passengers around Asia. Linked to Asia in geography</i>	<i>DME decorative Mayan inspired cushions for the class reading area – linked to Mayans in History</i>