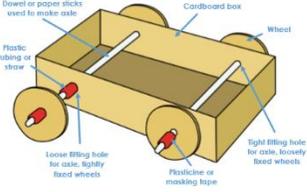


# DESIGN & TECHNOLOGY UNIT OVERVIEWS 2020-2021

<b>Developing, planning and communicating ideas</b>		<p>Can they think of some ideas and plan what to do next?</p> <p>Can they choose the best tools and materials? Can they give a reason why these are best?</p> <p>Can they describe their design by using pictures, diagrams, models and words?</p>			
<b>Working with tools, equipment, materials and components to make quality products</b>		Can they join things (materials/components) together in different ways?			
<b>Evaluating processes and products</b>		<p>Can they explain what went well with their work?</p> <p>If they did it again, can they explain what they would improve?</p>			
<b>Autumn - Templates and Joining Techniques</b>		<b>Spring - Wheels and Axles</b>		<b>Summer – Healthy and Varied Diet</b>	
<b>DT Skills</b>	<b>DT Content</b>	<b>DT Skills</b>	<b>DT Content</b>	<b>DT Skills</b>	<b>DT Content</b>
<p>Can they measure textiles?</p> <p>Can they join textiles together to make something?</p> <p>Can they cut textiles?</p> <p>Can they explain why they chose a certain textile?</p> <p>Can they measure materials to use in a model or structure?</p> <p>Can they join materials in different ways?</p> <p>Can they use joining, folding or rolling to make it stronger?</p>	<p>Children to create their own finger/hand puppets working on different ways they could join different materials together.</p> <p>Technique – Running stitch and over sew stitch.</p> 	<p>Can they join materials together as part of a moving product?</p> <p>Can they add some kind of design to their product?</p>	<p>Children to create a moving vehicle using boxes and a variety of materials for wheels.</p> 	<p>Can they describe the properties of the ingredients they are using?</p> <p>Can they explain what it means to be hygienic?</p> <p>Are they hygienic in the kitchen?</p> <p>Do they understand where food comes from? (Link to science)</p>	<p>Children to practise their cooking techniques to create foods such as wraps (cheese using the grater and cutting salad for the fitting). Crudités and homemade hummus.</p> <p>Children to develop the following cooking techniques:</p> <ul style="list-style-type: none"> <li>• Slicing (claw)</li> <li>• Squeezing</li> <li>• Peeling</li> <li>• <b>Grating</b></li> </ul>
<b>Vocabulary</b>		<b>Vocabulary</b>		<b>Vocabulary</b>	

## DESIGN & TECHNOLOGY UNIT OVERVIEWS 2020-2021

<p>Cut Join Textile Fold Measure Model Structure Fabric Felt Glue Staple Stitch – running and over sew Needle Thread Template Pattern Decorate</p>	<p>Join Wheels Axles Vehicle Axle holder Chassis Body Cab Assembling Cutting Joining Shaping Fixed Free Moving Mechanism</p>	<p>Fruit Vegetables Ingredients Diet <b>Balanced diet</b> Healthy Taste <b>Meal</b> <b>Snack</b> Knife, peeler, squeezer, <b>grater</b> Soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard. Flesh, skin, seed, pip, core, slicing, squeezing, <b>grating</b>  <b>Hygiene</b></p>
<b>Helpful Resources</b>		
<p><a href="https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks1-ks2-how-to-make-a-mobile-phone-cover/z47yhbk">https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks1-ks2-how-to-make-a-mobile-phone-cover/z47yhbk</a></p> <p><a href="https://www.bbc.co.uk/bitesize/subjects/zb9d7ty">https://www.bbc.co.uk/bitesize/subjects/zb9d7ty</a></p>	<p><a href="https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-axles/zmhfvk7">https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-axles/zmhfvk7</a></p> <p><a href="https://www.bbc.co.uk/bitesize/subjects/zb9d7ty">https://www.bbc.co.uk/bitesize/subjects/zb9d7ty</a></p>	<p><a href="https://www.bbc.co.uk/bitesize/subjects/zb9d7ty">https://www.bbc.co.uk/bitesize/subjects/zb9d7ty</a></p>