



<b>DT Knowledge End Points Cycle B</b>				
	<b>EYFS</b>	<b>KS1</b>	<b>LKS2</b>	<b>UKS2</b>
Term 1				
Term 2	<p><b>Ourselves (Diwali)KEPs</b></p> <ul style="list-style-type: none"> <li>I can safely use and explore clay.</li> <li>I can use tools, techniques and experiment with colour, design and form.</li> </ul>	<p><b>Pop up Christmas cards KEPs</b></p> <ul style="list-style-type: none"> <li>I can create a simple hinge (door, window)</li> <li>I can strengthen materials (e.g. roof)</li> <li>I can critically evaluate my own and each other's work (<i>say what I like about it, and what could be improved</i>)</li> </ul>	<p><b>Electrical Christmas decoration KEPs</b></p> <ul style="list-style-type: none"> <li>I can evaluate existing battery powered Christmas decorations to aid a design.</li> <li>I can design, create and make a Christmas decoration with a simple circuit including a switch, bulb/s and battery.</li> </ul>	<p><b>Structures KEPs</b></p> <ul style="list-style-type: none"> <li>I can produce a detailed step by step plan, listing tools and materials.</li> <li>I can demonstrate the accurate use of tools and equipment.</li> </ul>
Term 3	<p><b>Fairytales KEPs</b></p> <ul style="list-style-type: none"> <li>I can design and make a fairytale prop using different materials, tools and techniques.</li> </ul>	<p><b>Fruit Salad KEPs</b></p> <ul style="list-style-type: none"> <li>I can explain why hygiene is important when preparing food.</li> <li>I can cut fruit safely.</li> <li>I can explain where in the world the fruits have come from.</li> </ul>		
Term 4	<p><b>Superheroes KEPs</b></p> <ul style="list-style-type: none"> <li>I can share the trap I made for the Evil Pea and talk about how I made it.</li> </ul>		<p><b>Italian cuisine KEPs</b></p> <ul style="list-style-type: none"> <li>I can explain why I need a healthy and varied diet.</li> <li>I can prepare and cook a dish using a range of cooking techniques e.g.</li> </ul>	<p><b>Wonka Room KEPs</b></p> <ul style="list-style-type: none"> <li>I can explain how gears and pulleys work.</li> <li>I can explain why I have chosen specific materials to work with.</li> </ul>



	<ul style="list-style-type: none"> <li>I can make suggestions about how I can improve it.</li> </ul>		<p>cutting with knives, grating and measuring ingredients accurately.</p> <ul style="list-style-type: none"> <li>I can explain how the ingredients used in my dish are grown and processed and which season they grow best in.</li> </ul>	<ul style="list-style-type: none"> <li>I can use an electrical motor to power the pulleys or gears.</li> </ul>
Term 5	<b>Woodwork Plant Salad (HG)</b>			<p><b>Greek Food KEPs</b></p> <ul style="list-style-type: none"> <li>I can explain how my ingredients are grown and processed.</li> <li>I can prepare ingredients for a dish – halloumi, lettuce, tomatoes, cucumber.</li> <li>I can use cooking techniques (frying halloumi) to make a dish.</li> </ul>
Term 6		<p><b>Structures KEPs</b></p> <ul style="list-style-type: none"> <li>I can name structures in the environment and identify some of the materials used.</li> <li>I can explore how to strengthen a structure.</li> <li>I can use materials and construction kits</li> </ul>	<p><b>Sandwiches and Packaging KEPs</b></p> <ul style="list-style-type: none"> <li>I can design my sandwich packaging based on ideas gathered from research (this will also include CAD from Purple Mash). - we don't have Purple Mash anymore.</li> <li>I can use materials to strengthen my packaging.</li> </ul>	<p><b>More complex switches KEPs</b></p> <ul style="list-style-type: none"> <li>I can competently select and assemble materials, and securely connect electrical components to produce a reliable functional product.</li> <li>I can test the system to demonstrate its</li> </ul>



		to create a free-standing structure.	<ul style="list-style-type: none"><li>• I can explain why my sandwich filling is healthy.</li></ul>	effectiveness for the intended user and purpose.
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