



| DT Knowledge End Points Cycle B |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |
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|                                 | EYFS                                                                                                                                                                                                                                                                                                                                                                                                                                                | KS1                                                                                                                                                                                                                                                                                                                                                                                     | LKS2                                                                                                                                                                                                                                                                                                               | UKS2                                                                                                                                                                                                                            |
| Term 1                          | <b>Making bread</b><br><b>KEPs</b> <ul style="list-style-type: none"> <li>I can make observations using correct vocabulary.</li> <li>I can talk about how ingredients change when they are mixed or cooked.</li> </ul> <b>Making Windmills</b><br><b>KEPs</b> <ul style="list-style-type: none"> <li>I can explore a range of materials.</li> <li>I can attach materials to make a windmill.</li> <li>I can talk about what I have made.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |
| Term 2                          | <b>Ourselves (Diwali)</b><br><b>KEPs</b> <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>                                                                                                                                                                                                                                     | <b>Pop up Christmas cards</b><br><b>Levers</b><br><b>KEPs</b> <ul style="list-style-type: none"> <li>I can use simple vocabulary to talk about the movement of my lever (up, down, pivot etc).</li> <li>I can create a simple lever within my design.</li> <li>I can critically evaluate my own and each other's work (say what I like about it, and what could be improved)</li> </ul> | <b>Electrical Christmas decoration</b><br><b>KEPs</b> <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> | <b>Structures</b><br><b>KEPs</b> <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> |



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| Term 3 | <b>Evil Pea Traps<br/>KEPs</b> <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> <li>I can make suggestions about how I can improve it.</li> </ul> | <b>Fruit Salad<br/>KEPs</b> <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 | <b>Easter Nests<br/>KEPs</b> <ul style="list-style-type: none"> <li>I can make observations using correct vocabulary.</li> <li>I can talk about how chocolate changes as it melts.</li> </ul>                           |                                                                                                                                                                                                                                                 | <b>Italian cuisine<br/>KEPs</b> <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. cutting with knives, grating and measuring ingredients accurately.</li> <li>I can explain how the ingredients used in my dish are grown and processed and which season they grow best in.</li> </ul> | <b>Ragu Sauce<br/>KEPs</b> <p>I can explain how my ingredients are grown and processed and how this links to a healthy balance diet. I can prepare ingredients for a dish: chopping, grating, slicing</p> <p>I can use cooking techniques to make a dish.</p> |
| Term 5 |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                               |
| Term 6 |                                                                                                                                                                                                                         | <b>Structures<br/>KEPs</b> <ul style="list-style-type: none"> <li>I can name structures in the environment</li> </ul>                                                                                                                           | <b>Sandwiches and Packaging<br/>KEPs</b> <ul style="list-style-type: none"> <li>I can design my sandwich packaging based on ideas gathered from research.</li> </ul>                                                                                                                                                                                                                                            | <b>CAMs<br/>KEPs</b> <ul style="list-style-type: none"> <li>I can produce a detailed list of tools,</li> </ul>                                                                                                                                                |



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|  |  | <p>and identify some of the materials used.</p> <ul style="list-style-type: none"> <li>• I can explore how to strengthen a structure.</li> <li>• I can use materials and construction kits to create a free-standing structure.</li> </ul> | <ul style="list-style-type: none"> <li>• I can use materials to strengthen my packaging.</li> <li>• I can explain why my sandwich filling is healthy.</li> </ul> | <p>equipment, materials and formulate step-by-step plans.</p> <ul style="list-style-type: none"> <li>• I can explain how Cams can be used to produce different types of movement and change the direction of movement.</li> <li>• I can compare the final product to the original design specification and reflect on improvements that could be made.</li> </ul> |
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