

## Year 4 – Design and Technology

### Knowledge, Skills and Understanding



<b>Food</b>
<ul style="list-style-type: none"><li>• I can understand what makes a healthy and balanced diet, and that different foods and drinks provide different substances the body needs to be healthy and active</li><li>• I can understand seasonality and the advantages of eating seasonal and locally produced food</li><li>• I can read and follow recipes which involve several processes, skills and techniques</li></ul>
<b>Structures</b>
<ul style="list-style-type: none"><li>• I can use my knowledge of existing products to design a functional and appealing product for a particular purpose and audience</li><li>• I can use techniques which require more accuracy to cut, shape, join and finish my work e.g. Cutting internal shapes, slots</li><li>• I can use my knowledge of techniques and the functional and aesthetic qualities of a wide range of materials to plan how to use them</li><li>• I can apply techniques I have learnt to strengthen structures and explore my own ideas</li></ul>
<b>Electrical systems</b>
<ul style="list-style-type: none"><li>• I can create designs using exploded diagrams</li><li>• I can understand and use electrical systems in my products</li><li>• I can consider how existing products and my own finished products might be improved and how well they meet the needs of the intended user</li></ul>