

## Year 3 – Design and Technology

### Knowledge, Skills and Understanding 2018/19



Food
<ul style="list-style-type: none"><li>• I can talk about the different food groups and name food from each group</li><li>• I can understand that food has to be grown, farmed or caught in Europe and the wider world</li><li>• I can use a wider variety of ingredients and techniques to prepare and combine ingredients safely</li><li>• I can talk about the different food groups and name food from each group</li></ul>
Structures
<ul style="list-style-type: none"><li>• I can use my knowledge of existing products to design my own functional product</li><li>• I can create designs using annotated sketches, cross-sectional diagrams and simple computer programmes</li><li>• I can safely measure, mark out, cut, assemble and join with some accuracy</li><li>• I can make suitable choices from a wider range of tools and unfamiliar materials and plan out the main stages of using them</li></ul>
Levers and linkages
<ul style="list-style-type: none"><li>• I can investigate and analyse existing products and those I have made, considering a wide range of factors</li><li>• I can strengthen frames with diagonal struts</li><li>• I can understand how mechanical systems such as levers and linkages or pneumatic systems create movement</li></ul>