

Year 3 – Design and Technology

Knowledge, Skills and Understanding



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