



# Key Stage 1 Design and Technology

|                            | Food   | Textiles   | Structures  | Mechanisms   |
|----------------------------|--|--|---|--|
| Year 1                     | <ul style="list-style-type: none"> <li>Know the vocabulary: taste, smell, texture and feel.</li> <li>Know how to cut, peel, grate and chop and range of ingredients.</li> <li>Know how to measure and weigh food items.</li> </ul>   |  | <ul style="list-style-type: none"> <li>Know how to make structures stronger.</li> <li>Know how to test different methods of enabling structures to remain stable.</li> <li>Know how to join different materials together eg. glue, tape.</li> </ul> | <ul style="list-style-type: none"> <li>Know the movement different levers make.</li> <li>Know how to make a level suitable for purpose.</li> </ul>                     |
| Year 2                     | <ul style="list-style-type: none"> <li>Know how to make a salad for a purpose and for a particular person or group of people eg. a vegetarian salad.</li> </ul>  | <ul style="list-style-type: none"> <li>Know how to cut out shapes which have been created by drawing around a template onto the fabric.</li> <li>Know how to join fabrics by using eg. running stitch, stapes, over sewing, tape.</li> <li>Know how to decorate fabrics by attaching items eg. buttons, beads, sequins, ribbons.</li> </ul>                  |   | <ul style="list-style-type: none"> <li>Know how to develop a product around a purpose and a user.</li> <li>Know how to fasten wheels to a chassis.</li> </ul>          |
| <b>Year 1 and 2 skills</b> |  |  |   |  |
|                            | Design   | Make   |   | Evaluate   |
|                            | <ul style="list-style-type: none"> <li>Design purposeful, functional, appealing products for themselves and other users based on design criteria</li> <li>Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</li> </ul> | <ul style="list-style-type: none"> <li>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</li> <li>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</li> </ul> |   | <ul style="list-style-type: none"> <li>Explore and evaluate a range of existing products</li> <li>Evaluate their ideas and products against design criteria</li> </ul> |