



### Modelling leading to Woodwork

| EYFS                                                                                                                                                                                                       | KS1                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LKS2                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UKS2                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <ul style="list-style-type: none"> <li>To handle tools safely.</li> <li><b>To join materials using a variety of resources.</b></li> <li>To use pieces of sandpaper and wood, a hammer and pegs.</li> </ul> | <ul style="list-style-type: none"> <li>To make a structure.</li> <li>To describe the materials within a structure.</li> <li><b>To measure out and mark out materials needed for a structure.</b></li> <li>To finish off work so it looks neat and tidy.</li> <li>To screw in several screws already started using a screwdriver.</li> <li>Bolts and nuts through wood.</li> <li><b>Assemble, join and combine materials and components</b></li> </ul> | <ul style="list-style-type: none"> <li><b>To join materials using permanent and temporary fixings.</b></li> <li><b>To add mechanical elements to my structures to make movement.</b></li> <li>To combine a number of components in my product.</li> <li>To use simple circuits to make movement or light.</li> <li>To use a vice to hold the wood in place.</li> <li>To saw under high levels of supervision.</li> <li>To use large nails. (comb to hold nail in place)</li> </ul> | <ul style="list-style-type: none"> <li><b>To explore mechanical elements</b> such as pneumatics and hydraulics.</li> <li><b>To have strong and stable joins in structures.</b></li> <li>To use joins that are flexible and allow for dismantling of folding.</li> <li>Continue year 3/4 activities thinking of additional elements –<br/>Refinement<br/>Decorative combinations<br/>Respect for tools and materials.</li> </ul> |

### Sewing and textiles

| EYFS                                                                                                                                                                                    | KS1                                                                                                                                                                                                                            | LKS2                                                                                                                                                                                                                                                                                                                                                  | UKS2                                                                                                                                                                                                                                                                                                                                                                |
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| <ul style="list-style-type: none"> <li>To describe textiles by the way they feel.</li> <li>To join fabrics using glue.</li> <li><b>To add stitches to a piece of fabric.</b></li> </ul> | <ul style="list-style-type: none"> <li>To make a product out of textiles.</li> <li><b>Measure mark out and cut fabric.</b></li> <li><b>To sew in a running stitch.</b></li> <li>To make sure work is neat and tidy.</li> </ul> | <ul style="list-style-type: none"> <li>Select appropriate textiles for a product.</li> <li><b>Use sharp scissors accurately to cut textiles.</b></li> <li>To know the texture and properties of materials and choose appropriately.</li> <li><b>To applique fabrics using basic sewing skills.</b></li> <li>To improve designs as you work</li> </ul> | <ul style="list-style-type: none"> <li>To combine materials to improve design for strength or visual appeal.</li> <li>To join materials to make products with permanent or temporary fastenings.</li> <li><b>To cross stitch and sew using a machine.</b></li> <li>To describe the qualities of materials and to say why it is the most suitable choice.</li> </ul> |

### Construction using toys

| EYFS                                                                                                                                                                                                    | KS1                                                                                                                                                                                                                                                                      | KS2                                                                                                                                                                                                                                                                                |
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| <ul style="list-style-type: none"> <li><b>To build a model using basic toys</b> – Stickle bricks, Lego, Mobilo</li> <li>To make a solid wall.</li> <li>To make a vehicle with moving wheels.</li> </ul> | <ul style="list-style-type: none"> <li><b>To make a structure with moving components</b> – hinges, turn tables, wheels etc.</li> <li>To build following instructions.</li> <li>To build a complex model using trickier construction toys – Knex, Technic Lego</li> </ul> | <ul style="list-style-type: none"> <li>To make instructions for making a basic model that moves.</li> <li><b>To add a mechanical element to a model following instructions. LEGO WEDO</b></li> <li><b>To use computer software to control a model made out of toys.</b></li> </ul> |

### Cooking and Nutrition

| EYFS                                                                                                                                                                                                                                                                                           | KS1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LKS2                                                                                                                                                                                                                                                                                                                                                   | UKS2                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <ul style="list-style-type: none"> <li>Washing fruit and vegetables</li> <li>Cutting soft ingredients using a strong plastic knife</li> <li><b>Mixing – spoon or hands</b></li> <li>Sieving</li> <li>Kneading</li> <li><b>Rolling, shaping and cutting dough</b></li> <li>Spreading</li> </ul> | <ul style="list-style-type: none"> <li><b>Cutting using a small knife</b></li> <li>Cutting with scissors - snip herbs/lettuce</li> <li>Using measuring spoons</li> <li><b>Rubbing in</b> - <i>rubbing in flour and butter with fingertips is called for in many recipes</i></li> <li><b>Beating and folding</b> - <i>show children how to beat cake mixture with a wooden spoon or fold in egg whites without knocking out too much air</i></li> <li><b>Greasing and lining a cake tin or tray</b></li> <li>Peel oranges</li> <li>Setting the table</li> </ul> | <ul style="list-style-type: none"> <li><b>Following a simple recipe</b></li> <li>Finding ingredients in the cupboards and fridge</li> <li><b>Peel, slice, grate, mix, spread, knead and bake.</b></li> <li>Using heat on a hob and microwave</li> <li>Making salads</li> <li><b>Weighing - pouring or spooning ingredients into scales.</b></li> </ul> | <ul style="list-style-type: none"> <li>Planning and preparing a family meal</li> <li><b>Following a simple recipe with several elements</b> (baking a cake, making a filling, icing / decorate)</li> <li>Finding ingredients in the cupboards and fridge</li> <li><b>Peel, slice, grate, mix, spread, knead and bake.</b></li> <li>Whisking, using a balloon whisk or handheld mixer</li> <li><b>Using heat on a hob, oven and microwave</b></li> <li>Opening cans</li> </ul> |