

Whole school curriculum overview

* Please note that shaded areas indicate an Art focus in that half term.

| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| Autumn 1 | <ul style="list-style-type: none"> • Food: • Measure using measuring cups • Assemble ingredients • Cut, peel and grate ingredients safely and hygienically | <ul style="list-style-type: none"> • Construction: • Use materials to practise gluing to make and strengthen products. • Materials: • Cut materials safely using tools provided • Measure and mark out to the nearest centimetre • Using different techniques to be cutting/shaping/joining • Mechanics: • Create products using wheels and winding mechanisms • | | <ul style="list-style-type: none"> • Food: • Prepare ingredients hygienically using appropriate utensils • Measure ingredients to the nearest gram accurately • Follow a recipe • Assemble or cook ingredients • | <ul style="list-style-type: none"> • Construction: • Strengthen materials using suitable techniques • Materials: • Cut materials accurately and safely appropriate tools • Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (slots or cut outs) • Select appropriate joining techniques • Electricals and Electronics: • Create series and parallel circuits • Diagnose faults in battery operated products (such as low battery, battery terminal damage or water damage) | |
| Autumn 2 | | <ul style="list-style-type: none"> • Food: • Measure or weigh using electronic scales • Cook ingredients • Understand where food comes from • Cut, peel and grate ingredients safely and hygienically • Cook ingredients | <ul style="list-style-type: none"> • Textiles: • Shape textiles using templates • Join textiles using a running stitch • Colour and decorate textiles using dyeing • Join textiles with appropriate stitching • Select appropriate techniques to decorate textiles | <ul style="list-style-type: none"> • Construction: • Strengthen materials using suitable techniques • Materials: • Cut materials accurately and safely appropriate tools • Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (slots or cut outs) • Select appropriate joining techniques • • Computing: | | <ul style="list-style-type: none"> • Construction: • Strengthen materials using suitable techniques • Materials: • Cut materials accurately and safely appropriate tools • Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (slots or cut outs) • Select appropriate joining techniques • Mechanics: |



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| | | | | <ul style="list-style-type: none"> • Model designs using software • • Electricals and Electronics: • Create series and parallel circuits • Diagnose faults in battery operated products (such as low battery, battery terminal damage or water damage) | | <ul style="list-style-type: none"> • Use scientific knowledge of the transference of forces to choose appropriate mechanisms for a product (such as levers, winding mechanisms, pulleys and gears). • Computing: • Control and monitor models using software designed for this purpose. • • Electricals and Electronics: • Create series and parallel circuits • Diagnose faults in battery operated products (such as low battery, battery terminal damage or water damage) |
| Spring 1 | | | <ul style="list-style-type: none"> • Construction: • Strengthen materials using suitable techniques • Materials: • Cut materials accurately and safely appropriate tools • Measure and mark out to the nearest millimetre • Computing: • Model designs using software • Electricals and Electronics: • Create series and parallel circuits • Diagnose faults in battery operated products (such as low battery, battery terminal damage or water damage) | | <ul style="list-style-type: none"> • Textiles: • Shape textiles using templates • Join textiles using a running stitch • Colour and decorate textiles using dyeing • Join textiles with appropriate stitching • Select appropriate techniques to decorate textiles | <ul style="list-style-type: none"> • Food: • Prepare ingredients hygienically using appropriate utensils • Measure ingredients to the nearest gram accurately • Follow a recipe • Assemble or cook ingredients |



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| <p>Spring 2</p> | <ul style="list-style-type: none"> • Construction: <ul style="list-style-type: none"> • Use materials to practise gluing to make and strengthen products. • Materials: <ul style="list-style-type: none"> • Cut materials safely using tools provided • Demonstrate a range of cutting and shaping techniques • Using glue to join • Mechanics: <ul style="list-style-type: none"> • Create products using levers and sliders | <ul style="list-style-type: none"> • Textiles: <ul style="list-style-type: none"> • Shape textiles using templates • Join textiles using a running stitch • Colour and decorate textiles using dyeing | | | | |
| <p>Summer 1</p> | <ul style="list-style-type: none"> • Food: <ul style="list-style-type: none"> • Measure using measuring cups • Assemble ingredients • Cut, peel and grate ingredients safely and hygienically | | | <ul style="list-style-type: none"> • Textiles: <ul style="list-style-type: none"> • Shape textiles using templates • Join textiles using a running stitch • Colour and decorate textiles using dyeing • Join textiles with appropriate stitching • Select appropriate techniques to decorate textiles | <ul style="list-style-type: none"> • Food: <ul style="list-style-type: none"> • Prepare ingredients hygienically using appropriate utensils • Measure ingredients to the nearest gram accurately • Follow a recipe • Assemble or cook ingredients | |
| <p>Summer 2</p> | <p>Textiles:</p> <ul style="list-style-type: none"> • Colour and decorate textiles using dyeing, adding sequins or printing | | <p>Food:</p> <ul style="list-style-type: none"> • Prepare ingredients hygienically using appropriate utensils • Measure ingredients to the nearest gram accurately • Follow a recipe • Assemble or cook ingredients | | | <p>Textiles:</p> <ul style="list-style-type: none"> • Shape textiles using templates • Join textiles using a running stitch • Colour and decorate textiles using dyeing • Select appropriate techniques to decorate textiles • Understand the need for a seam allowance • Join textiles by choosing an appropriate stitching |