

KCPS – DESIGN AND TECHNOLOGY YEAR OVERVIEW

| | AUTUMN | SPRING | SUMMER |
|--------|--|--|---|
| YEAR 1 | <p>Textiles Templates and joining techniques</p> <p><u>Making Puppets</u></p> | <p>Food Preparing fruit and vegetables including cooking and nutrition requirements.</p> <p><u>Fruit and vegetable smoothie</u></p> | <p>Mechanisms Wheels and axles</p> <p><u>Wacky Races</u></p> |
| YEAR 2 | <p>Structures Freestanding structures</p> <p><u>Building a chair</u></p> | <p>Mechanisms Sliders and levers</p> <p><u>Moving Monsters</u></p> | <p>Food Preparing fruit and vegetables including cooking and nutrition requirements.</p> <p><u>Balanced diet</u></p> |
| YEAR 3 | <p>Structures Shell structures (including computer aided design)</p> <p><u>Building Castles</u></p> | <p>Textiles 2D to 3D shape product</p> <p><u>Making Cushions</u></p> | <p>Food Healthy and varied diet including cooking and nutrition requirements.</p> <p><u>Eating Seasonally</u></p> |
| YEAR 4 | <p>Food Healthy and varied diet including cooking and nutrition requirements.</p> <p><u>Adapting a recipe</u></p> | <p>Electrical systems Simple circuits and switches (including programming and control)</p> <p><u>Torches</u></p> | <p>Mechanical systems Levers and linkages</p> <p><u>Slingshot cars</u></p> |
| YEAR 5 | <p>Structures Frame structure</p> <p><u>Building Bridges</u></p> | <p>Food Celebrating culture and seasoning including cooking and nutrition requirements.</p> <p><u>What could be healthier?</u></p> | <p>Textiles Combining different fabric shapes (including computer aided design)</p> <p><u>Stuffed Toys</u></p> |
| YEAR 6 | <p>Food Celebrating culture and seasoning including cooking and nutrition requirements.</p> <p><u>Come Dine with Me</u></p> | <p>Mechanical systems CAMs</p> <p><u>Automata Toys</u></p> | <p>Electrical systems More complex circuits and switches (including programming, monitoring and control)</p> <p><u>Steady Hand Games</u></p> |

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