

## DESIGN & TECHNOLOGY

6 weeks with each class in two – four week blocks depending on project, taking half a class per session.

| Autumn 1   | Autumn 2   | Spring 1  | Spring 2   | Summer 1  | Summer 2  |
|--|--|---|--|---|---|
| <p><b>Textiles</b><br/>Combining different fabric shapes</p> <p><b>Yr 6</b></p> <p><b>Slippers</b></p>               | <p><b>Mechanisms</b><br/>Levers, sliders &amp; linkages</p> <p><b>Yr 4</b></p> <p><b>Pop Up Monument</b><br/>(History)</p>                                     | <p><b>Textiles</b><br/>Combining different fabric shapes</p> <p><b>Yr 5</b></p>   | <p><b>Textiles</b><br/>Templates and joining techniques - running stitch</p> <p><b>Yr 2</b></p> <p><b>Easter hunt bag</b><br/>(R.E.)</p> | <p><b>Mechanisms</b><br/><b>Pneumatic Levers</b></p> <p><b>Yr 3</b></p> <p><b>Moving creature</b><br/>(Literacy/ Science)</p>       | <p><b>Mechanisms</b><br/><b>Cams</b></p> <p><b>Yr 5</b></p> <p><b>Moving toy</b><br/>(History)</p>                |
| <p><b>Mechanisms</b><br/>Wheels and axles</p> <p><b>Yr 2</b></p> <p><b>3D – Vehicles</b><br/>(Geography/History)</p> | <p><b>Textiles</b><br/>2-D shape to 3-D product<br/>Running, whip &amp; blanket stitch</p> <p><b>Yr 3</b></p> <p><b>3D Christmas Decoration</b><br/>(R.E.)</p> | <p><b>Mechanisms</b><br/>Levers &amp; Sliders</p> <p><b>Yr 1</b></p> <p><b>2D moving pictures</b><br/>(Literacy / R.E.)</p> | <p><b>Electrical Systems</b><br/>Simple circuits</p> <p><b>Yr 4</b></p> <p><b>Light up robot</b><br/>(Science)</p>                       | <p><b>Textiles</b><br/>Templates and joining techniques</p> <p><b>Yr 1</b></p> <p><b>Animal puppets</b><br/>(Geography/Science)</p> | <p><b>Mechanisms</b><br/>Pulleys or gears</p> <p><b>Yr 6</b></p> <p><b>Water well</b><br/><b>Ferris wheel</b></p> |