

Year	Autumn	Spring		Summer	
Rec	<b><u>Mechanisms</u></b>	<b><u>Structures</u></b>	<b><u>Textiles</u></b>	Not covered until KS2	<b><u>Cooking and Nutrition</u></b> Health Week MasterChef
Year 1	<b><u>Mechanism – moving pictures</u></b> Children to design, make, evaluate and use technical knowledge.  <u>LO: To select an appropriate mechanism to create a moving picture</u> <b>Cross curricular link - English</b>  - Levers and sliders	<b><u>Structures - Build a Castle</u></b>  Children to design, make, evaluate and use technical knowledge.  <b>Cross curriculum link – maths measurement</b> <b>History – Skipton castle</b>	<b><u>Textiles - Puppets</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link - English – Traditional fairy tales</b>	Not covered until KS2	<b><u>Cooking and Nutrition</u></b> Children to design, make, evaluate and use technical knowledge.  Health Week MasterChef
Year 2	<b><u>Mechanisms - Wheeled toy</u></b> Children to design, make, evaluate and use technical knowledge.  <u>LO: To use and create wheels and axels</u> <b>Cross curricular link – Saltaire</b> Toys/everyday objects – History  - Wheels and axels	<b><u>Structures - Build a car garage.</u></b> Children to design, make, evaluate and use technical knowledge.  <b>History – Great fire of London</b> <b>English – Traditional tales</b>	<b><u>Textiles – Kites?</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link – Maths - shape</b>	Not covered until KS2	<b><u>Cooking and Nutrition</u></b> Children to design, make, evaluate and use technical knowledge. Health Week MasterChef
Year 3	<b><u>Mechanism – Moving robot</u></b> Children to design, make, evaluate and use technical knowledge. <u>LO: To create a robot that has moving parts</u> <b>Links to English – Iron Man</b> <b>Science – Magnets and forces</b>  - Pneumatic systems - Balloons/syringes	<b><u>Structures - Greenhouses</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link – Science – rocks and soils</b>	<b><u>Textiles – Bookmarks/weaving</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link - History – Industrial revolution</b>	<b>Electrical Systems – Light up box</b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link – Light and shadows</b>	<b><u>Cooking and Nutrition</u></b> Children to design, make, evaluate and use technical knowledge.  Health Week MasterChef
Year 4	<b><u>Mechanism – To create a moving story book</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curriculum link – English, science, Geography.</b> - box fold - mouth fold - slider - lift up flap - rotator , paper spring	<b><u>Structures - Packaging</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link – English – plastic pollution</b>	<b><u>Textiles – Pencil case/purse</u></b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link – maths - measurement</b>	<b>Electrical systems - Torches</b> Children to design, make, evaluate and use technical knowledge.  <b>Cross curricular link – Science – electricity</b> <b>English – Explanation text</b>	<b><u>Cooking and Nutrition</u></b> Children to design, make, evaluate and use technical knowledge.  Health Week MasterChef

<b>Year 5</b>	<p><b><u>Mechanism – How fast can your vehicle go?</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b><u>Cross curriculum link – Science</u></b></p> <ul style="list-style-type: none"> <li>- battery powered</li> </ul>	<p><b><u>Structures – Building bridges</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b>Cross curricular link – History – Ancient Greece</b></p>	<p><b><u>Textiles – Drawstring bag</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b>Cross curricular link – maths - measurement</b></p>	<p><b><u>Electrical Systems - Alarm</u></b> Children to design, make, evaluate and use technical knowledge.</p>	<p><b><u>Cooking and Nutrition</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p>Health Week MasterChef</p>
<b>Year 6</b>	<p><b><u>Mechanism – Can you make a fairground ride that turns?</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b>Cross curriculum link - Maths - measurement Science - electricity</b></p> <ul style="list-style-type: none"> <li>- battery</li> <li>- wheels</li> <li>- axels</li> <li>- rotator</li> <li>- shaft</li> <li>- motor</li> </ul>	<p><b><u>Structures – Bird houses</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b>Cross curricular link – maths – measurement Science – Living things and their habitats</b></p>	<p><b><u>Textiles - slippers</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b>Cross curricular link – maths - measurement</b></p>	<p><b><u>Electrical Systems – Create your own game</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p><b>Cross curricular link – Science electricity</b></p> <ul style="list-style-type: none"> <li>- buzzers</li> <li>- light</li> <li>- sound</li> </ul>	<p><b><u>Cooking and Nutrition</u></b> Children to design, make, evaluate and use technical knowledge.</p> <p>Health Week MasterChef</p>