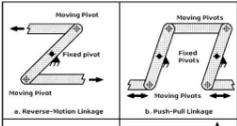
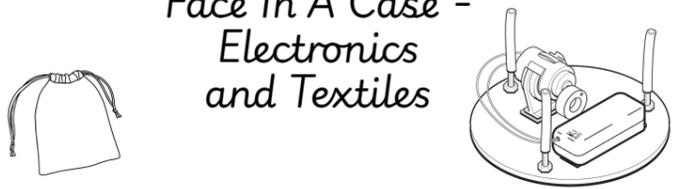
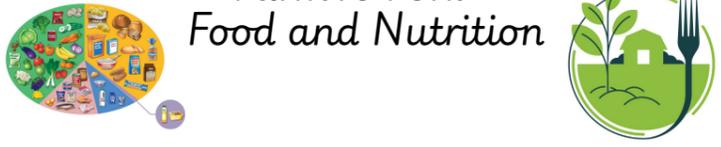
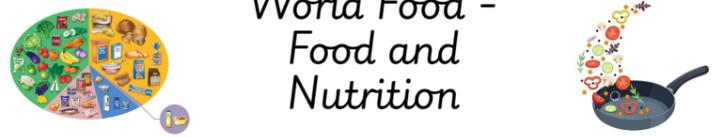




Design and Technology at Catshill Middle School (25-26)

Design and Technology across the Catshill Federation is an inspiring, stimulating and practical subject, with a desire to deliver a curriculum with creativity at its core. We are committed to planning, developing and delivering schemes of work that provide our students with the widest range of opportunities available. Using the National Curriculum for guidance our lessons cover a wide range of material areas including food, textiles, electronics, resistant materials and product design.
Providing pupils with the knowledge to be future ready and an opportunity to visit and engage with multiple careers opportunities.

<p>Year 5</p>	<p>Creative Clocks - Product Design</p> 	<p>Make It Move - Levers, Linkages and Mechanisms</p> 	<p>Fairtrade Food - Food and Nutrition</p> 
<p>Curriculum focus</p>	<p>Pupils design and make a literacy themed clock, learning how to drill and assemble a clock kit.</p>	<p>Pupils learn about how levers and linkages make objects move, developing a range of prototypes and moving pages.</p>	<p>Pupils investigate different Fairtrade foods by taste testing, sensory analysis and cooking.</p>
<p>Year 6</p>	<p>Face In A Case - Electronics and Textiles</p> 	<p>Picture Puzzle - Resistant Materials</p> 	<p>Ready, Steady, Cook - Food and Nutrition</p> 
<p>Curriculum focus</p>	<p>Pupils design and make a matching emoji themed jitter toy and drawstring bag.</p>	<p>Pupils demonstrate a range of practical skills using hand saws to create a wooden jigsaw puzzle and packaging.</p>	<p>Pupils investigate a range of different basic recipes to demonstrate key cooking skills.</p>
<p>Year 7</p>	<p>Farm To Fork - Food and Nutrition</p> 	<p>Celebration Bunting - Textiles</p> 	<p>Skills Stand - Resistant Materials and Product Design</p> 
<p>Curriculum focus</p>	<p>Pupils visit Bonterre Farm to understand food provenance and develop cooking skills to follow healthy eating recipes.</p>	<p>Pupils design and make a bunting flag using a range of textiles techniques to represent the school values and expectations.</p>	<p>Pupils safely demonstrate use of workshop machinery, assembly and finishing methods to create a phone stand.</p>
<p>Year 8</p>	<p>Glow Frame - Electronics and Resistant Materials</p> 	<p>Supermarket Stitch - Textiles</p> 	<p>World Food - Food and Nutrition</p> 
<p>Curriculum focus</p>	<p>Pupils design and make a mitre joint picture frame with an LED circuit lighting up the image.</p>	<p>Pupils create a soft sculpture food packaging cushion inspired by the artist Lucy Sparrow.</p>	<p>Pupils follow a range of world food recipes to develop a love of cooking and build on practical skills.</p>
<p>Beyond CMS</p>	<p>Having completed Year Eight at Catshill Middle School the vast majority of pupils move on to local High Schools. They join pupils from a number of other middle schools and continue their DT learning journey across a wide range of subject focus areas (food and nutrition, textiles, resistant materials, electronics, product design and engineering).</p>		