


Curriculum Overview - DT

Cooking


Structures

Textiles

Gears and mechanical systems

 CRADLEY CE PRIMARY SCHOOL	24-25	25-26
Class 1	See EYFS documents	
Class 2	<p>Remarkable Recipes This project is linked to Movers and Shakers. This project teaches children about sources of food and tools used for food preparation. They also discover why some foods are cooked and learn to read a simple recipe. The children choose and make a new school meal that fulfils specific design criteria.</p> <p>Beach Hut This project is linked to Coastline. This project teaches children about making and strengthening structures, including different ways of joining materials.</p> <p>Cut, Stitch and Join This project is linked to Magnificent Monarchs. This project teaches children about fabric home products and the significant British brand Cath Kidston. They learn about sewing patterns and using a running stitch and embellishments before making a sewn bag tag.</p> <p>Push and Pull This project is linked to Magnificent Monarchs. This project teaches children about three types of mechanism: sliders, levers and linkages. They make models of each</p>	<p>Shade and Shelter This project is linked to Childhood. This project teaches children about the purpose of shelters and their materials. They name and describe shelters and design and make shelter prototypes. Children then design and build a play den as a group and evaluate their completed product.</p> <p>Taxi! This project is linked to Bright Lights, Big City. This project teaches children about wheels, axles and chassis and how they work together to make a vehicle move.</p> <p>Chop, Slice and Mash This project is linked to School Days. This project teaches children about sources of food and the preparatory skills of peeling, tearing, slicing, chopping, mashing and grating. They use this knowledge and techniques to design and make a supermarket sandwich according to specific design criteria.</p>

	<p>mechanism before designing and making a greetings card with a moving part.</p>	
<p>Class 3</p>	<p>Cook, Well, Eatwell This project is linked to Through the Ages. This project teaches children about food groups and the Eatwell guide. They learn about methods of cooking and explore these by cooking potatoes and ratatouille. The children choose and make a taco filling according to specific design criteria.</p> <p>Making it Move This project is linked to Rocks, Relics and Rumbles. This project teaches children about cam mechanisms. They experiment with different shaped cams before designing, making and evaluating a child's automaton toy.</p> <p>Greenhouse This project is linked to Emperors and Empires. This project teaches children about the purpose, structure and design features of greenhouses, and compares the work of two significant greenhouse designers. They learn techniques to strengthen structures and use tools safely. They use their learning to design and construct a mini greenhouse.</p>	<p>Fresh Food, Good Food This project is linked to Invasion. This project teaches children about food decay and preservation. They discover key inventions in food preservation and packaging, then make examples. The children prepare, package and evaluate a healthy snack.</p> <p>Functional and Fancy Fabrics This project is linked to Misty Mountain, Winding River. This project teaches children about home furnishings and the significant designer William Morris. They learn techniques for decorating fabric, including block printing, hemming and embroidery and use them to design and make a fabric sample.</p> <p>Tomb Builders This project is linked to Ancient Civilisations. This project teaches children about simple machines, including wheels, axles, inclined planes, pulleys and levers, exploring how they helped ancient builders to lift and move heavy loads.</p>
<p>Class 4</p>	<p>Moving Mechanisms This project is linked to Dynamic Dynasties. This project teaches children about pneumatic systems. They experiment with pneumatics before designing, making and evaluating a pneumatic machine that performs a useful function.</p> <p>Eat the Seasons This project is linked to Sow, Grow and Farm. This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques.</p> <p>Architecture This project is linked to Groundbreaking Greeks. This project teaches children about how architectural style and</p>	<p>Food for Life This project is linked to Maafa. This project teaches children about processed food and healthy food choices. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.</p> <p>Engineer This project is linked to Frozen Kingdoms. This project teaches children about remarkable engineers and significant bridges, learning to identify features, such as beams, arches and trusses. They complete a bridge-building engineering challenge to create a bridge prototype.</p>



technology has developed over time and then use this knowledge to design a building with specific features.

Make Do and Mend

This project is linked to Britain at War.
This project teaches children a range of simple sewing stitches, including ways of recycling and repurposing old clothes and materials.