



Yearly overview

Year 1 / 2

Odd

Autumn	Spring	Summer
<p>Mini Project: Muck, Mess and Mixtures Food tasting, origins of food, healthy meals, following recipes and designing an outdoor kitchen.</p> <p>Chop, Slice & Mash 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>Taxi! This project teaches children about wheels, axles and chassis and how they work together to make a vehicle move.</p>	<p>Mini Project: Paws, Claws and Whiskers Designing Labels, Designing and making animal enclosures.</p> <p>Cut, stitch and join 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 teaches children about three types of mechanism: sliders, levers and linkages. They make models of each mechanism before designing and making a greetings card with a moving part.</p>

Year 1 / 2 Even

Autumn	Spring	Summer
<p>Shade and Shelter</p> <p>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>Remarkable Recipes</p> <p>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</p> <p>This project teaches children about making and strengthening structures, including different ways of joining materials.</p>

Year 3 / 4 Odd

Autumn	Spring	Summer
<p>This follows on from Cut, Stitch and Join in year 1/2.</p> <p>Functional and Fancy Fabrics</p> <p>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>This follows on from Taxi/Push & Pull in year 1/2.</p> <p>Tomb Builders</p> <p>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>This follows on from Chop, Slice & Mash/Remarkable Recipes in year 1/2.</p> <p>Cook Well Eat Well</p> <p>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>

Year 3 / 4 Even

Autumn	Spring	Summer
<p>This follows on from Beach Hut in year 1/2. Greenhouse</p> <p>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>This follows on from Push & Pull in year 1/2. Making It Move</p> <p>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>This follows on from Remarkable Recipes in year 1/2. Fresh Food, Good Food</p> <p>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>

Year 5 / 6 Odd

Autumn	Spring	Summer
<p>This follows on from Tomb Builders/Making It Move in year 3/4. Moving Mechanisms</p> <p>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>This follows on from Chop, Slice, Mash in year 1/2 and Fresh Food, Good Food in year 3/4. Blood Heart</p> <p>Using cooking tools and equipment correctly and safely; Recipes for a healthy heart; Understanding food Packaging.</p> <p>This follows on from Cook Well, Eat Well in year 3/4. Food for Life</p> <p>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>This follows on from Greenhouses in year 3/4. Shelter</p> <p>Children will evaluate existing types of shelters and then design their own shelter for a specified environment. Children will explore suitable materials and how they can strengthen their structures. They will then build, test and evaluate their own shelter.</p>

Year 5 / 6 Even

Autumn	Spring	Summer
<p data-bbox="123 383 728 454">This follows on from Cut, Stitch & Join in year 1/2.</p> <p data-bbox="280 459 571 491">Make, Do and Mend</p> <p data-bbox="100 534 750 646">This project teaches children a range of simple sewing stitches, including ways of recycling and repurposing old clothes and materials.</p>	<p data-bbox="795 383 1444 454">This follows on from Beach Hut in year 1/2 and Greenhouses in year 3/4.</p> <p data-bbox="1052 459 1187 491">Engineer</p> <p data-bbox="795 534 1444 726">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>	<p data-bbox="1489 383 2139 454">This follows on from Fresh Food, Good Food in year 3/4.</p> <p data-bbox="1702 459 1926 491">Eat the Seasons</p> <p data-bbox="1478 534 2150 646">Seasonality in this unit we will harvest the food that we have grown to create our own seasonal menu. We link to a working farm.</p>