

DT MAP of activities

Class	Autumn	Spring	Summer
Woodpeckers	<p>Best of British Topic</p> <p>Cooking & Nutrition - design and make a sandwich for the Queen's tea party with healthy snacks. Evaluate what parents thoughts</p> <p>Make cookies and scones for tea party</p> <p>RE</p> <p>Harvest - origins of food and production</p> <p>Unit 1.4 Lego Builders Weeks - 3 Programs - 2DIY</p> <p>2code</p>	<p>Castles</p> <p>Design and make a 3d castle out of cardboard boxes</p> <p>Construct a drawbridge using a winder mechanism</p> <p>Practise and then make the kraftwork design using wheels and axels to make a winding mechanism</p>	<p>Climates, Continents & Kenya Science & Topic</p> <p>Design and make a moving vehicle for the 3 little pigs to escape the big bad wolf. Choose the correct materials by their properties to fulfil the success criteria</p> <ul style="list-style-type: none"> - Secure - Waterproof - Transparent windows - Comfortable seats - Use wheels and axels to make it move
Kingfishers	<p>Toys my Grandparents played with</p> <p>2code</p> <p>Make a thaumatrope</p> <p>Investigate moving toys. - investigate wheels and axels, winders and sliders on a variety of toys</p> <p>Create a toy. - use a sliding mechanism / design and make a toy using wheels and axels</p>	<p>Heroes and Heroines</p> <p>Design, make and evaluate a hospital using recyclable materials</p> <p>Lego builders</p> <p>Maze explorers</p>	<p>Caribbean</p> <p>Design and make a musical instrument to be played in the class band</p> <p>Study Caribbean foods:</p> <p>Make fruit kebabs & smoothies</p>
Swallows	<p>Victorians</p> <p>Measure, cut and join textiles together to make a Victorian inspired blanket and explain why certain textiles were used.</p> <p>2 code Maze explorers</p>	<p>The Great Fire of London</p> <p>Join things (materials/ components) together in different ways to create a slider-moving object showing significant people during the Great Fire of London.</p> <p>Investigate the use mechanisms such as: winders and sliders</p>	<p>Superheroes</p> <p>Design and create a model of New York using a variety of materials.</p> <p>Make a superhero vehicle. Explore the use of wheels & axels</p> <p>Make New York bagels</p> <p>Use 2logo to create superhero logos.</p>
Doves	<p>Space</p> <p>Rocket stands - construction with moving part (choice)</p> <p>Pneumatic movement - stomp rockets (Science forces link)</p> <p>Calendar - sew a space scene to attach to a calendar</p> <p>2Code</p> <p>2simulate</p>	<p>The Stone Age</p> <p>Patchwork pouch with fastening - Textile techniques building on simple stitching learnt in Autumn Term</p> <p>Making a 3D textiles product</p>	<p>Romans</p> <p>Design and build a Roman Trebuchet - lever, gear, and winder.</p> <p>Study what the Romans ate</p>

<p>Owls</p>	<p>Roman Rulers Coding - Y3 Covers in computers 2logo - Y4 2animate Make healthy Roman Rocky Roads Use ingredients that need slicing, chopping, peeling and grating. Use a scale to measure/double/lessen the ingredients as necessary Make a granola one and use fresh fruit too and compare to a normal Rocky Road. Discuss issues related to health and nutrition. creative</p>	<p>Super structure Design, plan and create bridge. Practise using a saw to cut a piece of wood Use a hand drill to join materials together Bend and manipulate materials to test the flexibility of them Understand the different components of a bridge, such as cantilevers, arches, abutments, pillars and replicate these using wood, plastic, foam and other materials. Manipulate paper to add strength to it, eg twisting, tearing, scrunching, doubling Investigate different types of trusses and Investigate different types of mechanisms to begin with such as levers, links, pulleys and gears Incorporate these in the design of the bridge Choose the most appropriate design for their construction. Make the bridge using the skills above Test effectiveness of it Evaluate the effectiveness of it</p>	<p>Indus Valley Learn about the variants of lentils and know about which type of food they belong in From farm to plate Compare the benefits and nutritional values of them Boil, mash, mix and bake lentils to create lentil soup just like the Indus people used to! Chn to find the difference between vegetarianism and Veganism Plan a lentil based recipe for a Coeliac, detailing method of cooking, ingredients used and the added nutritional value of the add-ons Make, test, evaluate</p> <p>Y4 Electrical circuits - linked to science</p>
<p>Kestrels</p>	<p>Vikings 2logo Coding Bake Viking oat cakes</p>	<p>Living World Electrical systems used in science. Link with circuits</p>	<p>World War II Cooking and Nutrition- Preparation and cooking rationing recipes 2animate</p>
<p>Hawks</p>	<p>Greeks 2code game creator Mechanism - Children will understand and create a mechanisms using cams, gears, levers and pulleys - link to Science Understand what ancient Greeks ate and resources available to them at the time Bake Greek honey biscuits</p>	<p>Benin Construction - Children will use a variety of tools and joining techniques to create a Benin hut</p>	<p>Blackburn 2design & make - construction Cooking & Nutrition - research and make a Lancashire Hotpot for end of topic celebration focusing on seasonality and the necessity for alternative ingredients such as vegetarian options. Children will safely store the ingredients in line with food hygiene.</p>
<p>Falcons</p>	<p>Following a rolling 2 year program following Year 5 and then Year 6</p>		
<p>Eagles</p>	<p>Crime and punishment Use ICT to enhance a product Autumn 2 - Electronics in a circuit design a lamp with a moving part</p>	<p>Citadels of democracy Spring 1 - Phone sleeves inspired by Vivienne Westwood.</p>	<p>Citadels of democracy Cooking and Nutrition Summer 2 - Great British Bread-off 2Coding</p>

Cooking/nutrition

Construction

Mechanism

ICT- Purple Mash