

DT Topic Overview

Skill What will be made Materials

	Autumn	Spring	Summer
Year 1	<p style="text-align: center;">Castles / Queen Elizabeth (G) Who lives in a place like this? Create a model castle. Begin to use levers or slides or hinges Make a drawbridge that opens Materials: Cardboard</p>	<p style="text-align: center;">Transport with toys (H) Which toy would be best to travel around the world with? Begin to understand how to use wheels and axels Make a moveable vehicle using a cereal box (inside out) Materials: cereal box, clothes pegs, dowels, 4 wheels</p>	<p style="text-align: center;">Go wild (G) Can you have a monkey as a pet? Design some food you could share with your pet monkey. Cut, peel and grate safely Make a dessert – banana based (no cooking involved) Materials: Food</p>
Year 2	<p style="text-align: center;">Great fire of London (H) Did Guy Fawkes start the Great Fire of London? Make a Great Fire of London model with a pulley Materials: Cardboard, wood, wooden axel</p>	<p style="text-align: center;">Seaside (G) Why do we love to be beside the seaside? Design a picnic for the seaside. (Must consider allergies, food and hygiene) Cut, peel and grate with increasing confidence Make a sandwich (bread, butter, filling) Make a fruit salad Materials: Food</p>	<p style="text-align: center;">Queen Victoria (H) Who was Queen Elizabeth II Great-Great Grandma? Measure, cut and plan, joining materials through different stitches (sewing). Make a Victorian style sampler in the form of a bookmark. Materials: textiles, cotton</p>
Year 3	<p style="text-align: center;">Volcanoes and earthquakes (G) What makes the earth angry? Begin to make strong structures weights Make a boat to sail from Pompeii Materials: Plastic</p>	<p style="text-align: center;">Stone, Bronze, Iron Age (H) Who lived here first? Work accurately to make cuts and holes Use simple pop up to create movement Make a pop up information book (4 pages/2 double pages) Materials: card, glue, tape</p>	<p style="text-align: center;">Living planet (recycling) (G) Is there enough for everyone? Begin to make strong structures by joining materials. Make a a shelter Materials: Natural resources ***TRIP/VISITOR***</p>
Year 4	<p style="text-align: center;">Romans (H) What did the Romans ever do for us? Understand a simple fabric shape can be used to make a 3D textiles project Make a Roman purse – to hold weight of coins Materials: Textiles- cotton</p>	<p style="text-align: center;">Mountains (G) Which is the deadliest mountain, Mount Everest or Ben Nevis? Use simple circuit in product Design and build a circuit to make a head torch light up for a mountaineer Materials: Electrical Systems- circuits</p>	<p style="text-align: center;">Ancient Greece (H) Would life be the same today without the Ancient Greeks? (Must consider allergies, food and hygiene) Use chopping, slicing, grating Make a Greek Mezze meal – olives, feta, tomatoes, cucumber Materials: Food</p>
Year 5	<p style="text-align: center;">World War One (H) Reinforce and strengthen a 3D frame Make a mini replica Anderson shelter to withstand falling debris. Materials: Wooden frame with, foils, tins</p>	<p style="text-align: center;">Water (G) Design a rainwater harvester. Materials: Recycled materials</p>	<p style="text-align: center;">Ancient Egypt (H) Design and create an Egyptian necklace. Materials: String, beads, clay</p>

<p>Year 6</p>	<p>Rainforests (G) What's the matter with Capuchin? (Must consider allergies, food and hygiene) Use peeling, chopping, slicing, mixing, kneading, baking Make a traditional, South American meal – Empanadas – pastry and filling Materials: Food</p>	<p>Saxons and Vikings (H) Anglo-Saxons and Vikings- friends or enemies? Textiles: focus on aesthetics and joining the materials. Make a Viking dream catcher using weaving and braiding. Materials: Cotton, wool, frame (card), beads.</p>	<p>Saltaire (local area study) (G) What impact has Salts Mill had on our local area? Program a computer to monitor changes in environment and control product. Create a computer animated slide show with hyperlinks on photographs. Materials: Electrical Systems- Computers</p>
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