

Design and Technology Curriculum Overview

	Autumn	Spring	Summer
Year 1	Food <i>(Preparing fruit and vegetables)</i> Changes within living memory - Prepare some fruit for the coffee morning Compare grandparents and parents food treats to now	Mechanisms <i>(Sliders and levers)</i> Your Locality - Moving picture book of how Stretford has changed	Structures <i>(Freestanding structures)</i> Compare and contrast - Build a free standing Sydney opera house (could be a flat image but stood up like a pop-up book)
Year 2	Mechanisms <i>(Wheels and axles)</i> Events beyond living memory - Create a moving picture with wheels to show fireworks	Food <i>(Preparing fruit and veg)</i> Continents - Make some traditional food from one of the seven continents studied	Textiles <i>(Templates and joining techniques)</i> Explorers - Design and make a pair of gloves for the explorer to wear in a cold country
Year 3	Food <i>(Healthy and varied diet)</i> Stone Age - Stone Age banquet	Mechanical System <i>(Levers and linkages)</i> Rivers and Settlements - Build a canal lock	Textiles <i>(2D shape to 3D shape)</i> Egyptians - Cartouche cushion
Year 4	Food <i>(Healthy and varied diet)</i> Ancient Greece - Traditional Greek Food	Electrical system <i>(Simple circuit)</i> Volcanoes - Build a volcano. Create a fan using a gear which will blow tissue paper to make it look as if erupting	Structures <i>(Shell Structure)</i> Roman Empire - Building a Roman Aqueduct
Year 5	Mechanical Systems <i>(Pulleys Gears or cams)</i> Earth and Space/Time zones - Model to show how earth rotates round the sun/sun going up and moon coming down	Food <i>(Celebrating culture and seasonality)</i> Mayans - Design their own healthy chocolate bar - look at adding healthy food and reducing amount of chocolate Make Guacamole and salsa	Electrical Systems <i>(Switches and circuits)</i> South America - Make a map of South America and have a circuit which lights up the capital cities
Year 6	Food <i>(Celebrating culture and seasonality)</i> War - WW2 ration cakes	Textiles <i>(Combining different fabric shapes)</i> Antarctica - Design and make a patchwork blanket for Shackleton using scraps of material	Structures <i>(Frame structures)</i> Antarctica - Design and make a shelter for someone staying in Antarctica