



DT Rolling Programme

	Autumn	Spring	Summer
EYFS/ Reception	<p>Introduction to tools and tool development Links Outdoor Learning Curriculum Map. Cutting a wooden disc and decorating to / hollowing Hazel for beads create a crafted necklace.</p> <p>Threshold Concept: Materials</p>	<p>Planting and habitat creation Links Outdoor Learning Curriculum Map. Design and build challenge to create a bug hotel.</p> <p>Threshold Concept: Construction</p>	<p>Harvesting and cooking Links Outdoor Learning Curriculum Map. Harvest food that has been grown to create a tasty treat e.g. leek and potato soup.</p> <p>Threshold Concept: Cooking and Nutrition</p>
Y1/2 A	<p>Eat More Fruit and Veg Fruit Kebabs, Soup and Pitta Pizza</p> <p>Threshold Concept: Cooking and Nutrition</p>	<p>Wreck and Rescue Henry Trengrouse / Breeches Buoy / Pulleys</p> <p>Pop Up Easter card</p> <p>Threshold Concept: Mechanics</p>	<p>Victorians Hand puppets / Textiles</p> <p>Threshold Concept: Textiles</p>
Y1/2 B	<p>Great Fire of London Make houses and structures / Fire Lighting and Bread making</p> <p>Threshold Concept: Construction Cooking and Nutrition</p>	<p>Weather Create weather stations and rain gauges</p> <p>Threshold Concept: Materials</p>	<p>Significant Individuals Explorers / Shelters and Dens</p> <p>Threshold Concept: Construction</p>

Y3/4 A	<p>Stone Age Tools and Weapons Design, Build and Evaluate challenge to recreate a Stone Age tool or weapon using traditional techniques.</p> <p>Threshold Concept: Construction Materials Mechanics</p> <p>*Links to Science Forces – explore the forces needed to move the Sarsons of Stonehenge</p>	<p>Oceans and the Deep Blue Design, Build and Evaluate Challenge to create an ocean diorama incorporating digital images, levers and linkages.</p> <p>Threshold Concept: Mechanics Electricals and electronics</p> <p>*Links to Science Electricity create a simple circuit to include in diorama with a switch.</p>	<p>Living Sustainably Enchanting miniature gardens Using a range of tools and equipment to design and create a miniature or floating garden.</p> <p>Threshold Concept: Construction Materials Textiles</p> <p>*Links to Science – Plants.</p>
Y3/4 B	<p>Christmas Crafts Create a mini Christmas tree using running and cross stitch and attach a button / sequins for decoration.</p> <p>Threshold Concept: Textiles</p> <p>*Links to Art Textiles – explore fabrics and a range of stitch techniques</p>	<p>Roman Buildings and Engineering Build and test Roman roads, buildings and aqueducts.</p> <p>Threshold Concept: Construction Materials</p> <p>.</p>	<p>Taste Sensation Teeth, digestion and healthy cooking – create a healthy snack / meal in the outdoors. Fruit smoothies and space food.</p> <p>Threshold Concept: Cooking and Nutrition</p> <p>*Links to Science Teeth and digestion *Links to Science Earth, Space, Light and Sound.</p>

Y5/6 A	<p>Woeful Wars Dig for Victory – Planting and cooking creating a healthy soup.</p> <p>*Links to science plants and healthy eating.</p> <p>Threshold Concept: Cooking and Nutrition</p>	<p>The Great Outdoors Tent research, design and build.</p> <p>Threshold Concept: Construction Materials Textiles</p>	<p>Knots and forces Making Playground equipment rope ladders, strap lines and pulleys</p> <p>Threshold Concept: Mechanics Materials</p> <p>*Links to science forces.</p>
Y5/6 B	<p>Christmas Crafts Create a mini Christmas stocking stuffed using blanket stitch.</p> <p>Threshold Concept: Textiles</p> <p>*Links to Art Textiles – explore fabrics and a range of stitch techniques</p>	<p>Cogs and Cams with programmable Lego / Making an automaton</p> <p>Create a moving programmable Lego vehicle with cogs, cams and moving parts / creating an automaton.</p> <p>Threshold Concept: Mechanics Construction Materials Electricals and Electronics</p> <p>*Links to science electricity *Links to Art - automaton</p>	<p>STEM Challenge</p> <p>Dragons Den Year 5/6 final challenge.</p> <p>Threshold Concept: Construction Materials</p>