

Long Term Plan - Design and Technology

Sequence of Work KS1		National Curriculum Links				
Year Group	Cycle 1			Cycle 2		
	Autumn 1	Spring 1	Summer 1	Autumn 2	Spring 2	Summer 2
KS1 Key Knowledge	<p>Fossil Hunters Task create a card/book with a dinosaur design to entertain Skill: mechanisms</p> <p>Create a card (Y1) or book (Y2) with a dinosaur design to entertain a friend.</p>	<p>Heroic Adventures Task: Making a Smoothie Skill: Food</p> <p>Create a smoothie that you can eat including healthy eating fruits found in Australia.</p>	<p>Rainforest Romp Task Make a badge linked to saving the rainforest Skill: textiles</p> <p>Make a badge (Y1 - sticking and cutting/ Y2 - sewing) with a logo to promote saving the rainforest.</p>	<p>Fiery Dragons Task: create a scene of fire of London Skill: mechanisms</p> <p>Design a scene of the Great Fire of London to educate others about the spread of the fire. (or a Christmas themed design to be sold at the Christmas fair).</p>	<p>Colours in the Rainbow Task make a rocking horse card Skill: construction</p> <p>Make a modern 3D room for a dolls house to update it and make it more appealing for children today.</p>	<p>Seaside Rescue Task make a lunch suitable to take to the seaside Skill: food</p> <p>Make a picnic lunch suitable to take to the seaside.</p>
Lower KS2	<p>Stone Age Task -Making a stone age shelter Skill: Construction</p> <p>Make a shelter which could be suitable for a person living in the stone age.</p>	<p>Vicious Vikings or Sensible Settlers Task - Making a dragon toy with light up eyes and moving mouth Skill: electrics/mechanisms</p> <p>Make a dragon toy with light up eyes and moving mouth.</p>	<p>Our Arctic Expedition Task - Making a bag to take on our Arctic Expedition Skill: Textiles</p> <p>Design a bag to take on an Arctic expeditions strong enough to hold an iPad.</p>	<p>The War of the Roses Task - Tudor houses or roses? Skill: construction</p> <p>Design a house suitable for a Tudor person in modern Britain.</p>	<p>The Lonely Planet Task - Create a menu thinking about sustainable food and fair trade Skill: food</p> <p>Create a menu using sustainable ingredients and thinking of a fair trade (e.g. pesto pasta)</p>	<p>The Romans Task - Make roman chariots Skill: construction/mechanism</p> <p>Create a mode of transport suitable for a Roman soldier (e.g. chariots)</p>
Upper KS2	<p>Task - Making a war time scene/tpy Skill: Mechanisms/electronics</p> <p>Year 5 - create a war time scene/toy using a cams motion.</p> <p>Make a war time scene/ toy to entertain others (all) with a working air raid siren (Y6)</p>	<p>Animals Vs Humans Task - Making a mask Skill: Textiles</p> <p>Make a face mask suitable for people to use for protection.</p>	<p>The Marvellous Mayans Task - Making packaging Skill: Construction</p> <p>Make packaging for a chocolate bar.</p>	<p>World of Water Task: Structures that are strong - making bridges Skill: Construction and</p> <p>Design a bridge suitable for a toy car to cross the water.</p>	<p>Crime and Punishment Task: create a jail Skill: mechanisms/electronics</p> <p>Create a jail (all) with a working alarm (Y6)</p>	<p>Ancient Greece Task: Make Greek salad and flatbreads Skill: food</p> <p>Make a Greek salad and flat bread as an affordable and healthy meal.</p>

