

Design and Technology Whole School Long Term Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<i>All about Me</i> <u>ELG-Creating with materials/Being imaginative and expressive</u> Skills taught based on children's needs/opportunities - LTP UtW (People, Cultures & Communities) UTW – Portrait of themselves Introduction to creative area and resources	<i>Celebrations</i> <u>ELG-Creating with materials/Being imaginative and expressive</u> Skills taught based on children's needs/opportunities - LTP UtW (People, Culture & Communities/The Natural World) EAD - Christmas Cards – Christmas tree handprint using paint	<i>Winter/Space</i> <u>ELG-Creating with materials/Being imaginative and expressive</u> Skills taught based on children's needs/opportunities - LTP UtW (People, Cultures & Communities/The Natural World) Junk modelling making rockets, making paper aeroplanes	<i>People who help us / Fairy tales</i> <u>ELG-Creating with materials/BIAE</u> Skills taught based on children's needs/opportunities - LTP UtW (The Natural World) Making crowns for the banquet (cutting and decorating)	<i>Under the Sea/Animals</i> <u>ELG-Creating with materials/Being imaginative and expressive</u> Skills taught based on children's needs/opportunities – LTP EAD/UtW – Making sea creatures using joing and cutting skills	<i>Healthy Us</i> <u>ELG-Creating with materials/Being imaginative and expressive</u> Skills taught based on children's needs/opportunities - LTP UtW (The Natural World)
1	<i>What's in the box?</i> D&T Individual: Ole Kirk Christianson	<i>Adventurers and Explorers</i> <u>STRUCTURES</u> Freestanding Structures Science (Keeping Healthy/Materials)	<i>Once Upon a Time...</i> <u>MECHANISMS</u> Sliders & Levers Science (Materials)	<i>Starry Night</i>	<i>Wonderful Water</i>	<i>Out and About!</i> <u>Food & Nutrition</u> Preparing Fruit & Vegetables
2	<i>Let's Party!</i> <u>Food & Nutrition</u> Preparing Fruit & Vegetables Science (Keeping Healthy)	<i>Pride in Place</i>	<i>What is the best way for Mrs Armitage to travel?</i> <u>MECHANISMS</u> Wheels & Axels D&T Individual: Charles Macintosh Science (Materials)	<i>Where do Bong trees grow?</i>	<i>What makes us like other animals?</i>	<i>Eyes in the Sky!</i> <u>TEXTILES</u> Templates & Joining Techniques
3	<i>Bright-Sparks</i> <u>ELECTRICAL SYSTEMS</u> Simple Circuits & Switches D&T Individual: Thomas Edison Science (Electricity)	<i>Who were the greatest builders in the world?</i>	<i>Let's go on an adventure</i> <u>MECHANICAL SYSTEMS</u> Linkages & Levers D&T Individual: The Wright Brothers Science (Forces & Friction)	<i>The games children play</i>	<i>It's a Bugs Life</i>	<i>Location, Location, Location...</i> <u>Food & Nutrition</u> Healthy & Varied Diet
4	<i>Audio Visual</i> <u>TEXTILES</u> 2D to 3D Product D&T Individual: Alexander G. Bell Science (Sound & Light)	<i>Invaders and Settlers</i>	<i>Should we stop eating chocolate?</i> <u>STRUCTURES</u> Shell Structure (+Computer aided design) D&T Individual: John Cadbury Science (Materials-solid, liquid, gas)	<i>From a railway carriage</i>	<i>What happens inside us?</i>	<i>A European Adventure</i> <u>Food & Nutrition</u> Healthy & Varied Diet
5	<i>Mysterious Materials – what is it made of?</i> D&T Individual: Stephanie Kwolek Science (Materials-dissolving etc.)	<i>Castles – Why would someone build a castle here?</i> <u>STRUCTURES</u> Frame Structure D&T Individual: Isambard K. Brunel	<i>The Fairground</i> <u>ELECTRICAL SYSTEMS</u> Programming, Monitoring & Control Science (Electricity, light)	<i>The Highway Man</i>	<i>How does your garden grow?</i>	<i>Who are we? Why do we live here?</i> <u>Food & Nutrition</u> Celebrate Culture & Seasonality
6	<i>Cosmic, Space and beyond!</i> <u>ELECTRICAL SYSTEMS</u> Programming, Monitoring & Control D&T Individual: Ada Lovelace Science (Space)	<i>WWII – How would you keep calm and carry on?</i>	<i>Survival – How are we still standing?</i> <u>Food & Nutrition</u> Celebrate Culture & Seasonality Science (Evolution)	<i>Survival – How are we still standing?</i>	<i>The Great UK Geographical Challenge!</i>	<i>The Great UK Geographical Challenge!</i> <u>TEXTILES</u> Combining different Fabric Shapes (+Computer aided design) D&T Individual: Steve Jobs