





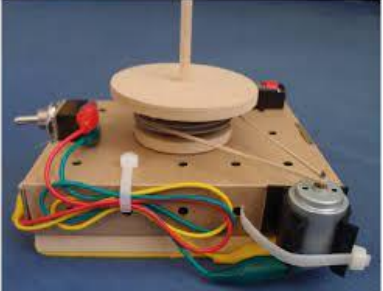
Sand Hutton and Warthill Primary Schools
Design and Technology schemes of work

Our schools' schemes of work have been designed as a spiral curriculum with the following key principles in mind:

Cyclical: Pupils return to the key areas again and again during their time in primary school.

Increasing depth: Each time a key area is revisited, it is covered with greater complexity.

Prior knowledge: Upon returning to each key area, prior knowledge is utilised so pupils can build on previous foundations.

 <p align="center">Cooking and Nutrition</p>	 <p align="center">Mechanisms</p>	 <p align="center">Structures</p>	 <p align="center">Textiles</p>	 <p align="center">Electrical systems (KS2 only)</p>
<p>Where food comes from, balanced diet, preparation and cooking skills. Kitchen hygiene and safety. Following recipes.</p>	<p>Mimic natural movements using mechanisms such as cams, followers, levers and sliders.</p>	<p>Material functional and aesthetic properties, strength and stability, stiffen and reinforce structures.</p>	<p>Fastening, sewing, decorative and functional fabric techniques including cross stitch, blanket stitch and appliqué.</p>	<p>Operational series circuits, circuit components, circuit diagrams and symbols, combined to create various electrical products.</p>

Warthill CE Primary School
Design and Technology Long Term Plan

	Autumn	Spring	Summer
Infants Year A	Build a chair for Baby Bear	Puppet show	Grow it, cook it, eat it! (Jam Tarts)
Infants Year B	Dancing decorations	Build an explorer's shelter	Wheels and axles
Infants Year C	Our fabric faces	Fruit and vegetables	Moving story books
Juniors A	Weaving	Mayan meals	Sculptures
Juniors B	TBC	TBC	TBC
Juniors C	TBC	TBC	TBC
Juniors D	TBC	TBC	TBC

Sand Hutton CE Primary School
Design and Technology Long Term Plan

	Autumn	Spring	Summer
Class 1 A	Dens and sculptures / puppets	Making a chocolate bar / A healthy plate	Smoothies / Structures
Class 1 B	Exploring materials / A pop-up card	A tasty treat / A healthy snack	Structures / mechanisms
Class 2 A	Magnetic toys	Cooking Hammentaschen	Sampler using different stitches
Class 2 B	Making rain gauges / anemometers	Pop-up book of myths	Seige engines (wheeled vehicles)
Class 3 A	Christmas decorations	Marble run design (Dyson challenge)	Global food
Class 3 B	Ancient Greek pots	TBC	Rockets (Ampleforth trip)