

DT CURRICULUM YEAR 5 & 6

During all DT topics in KS2 the children should

- They should explore what products are already available, who the products are for, how the products work, how and where the products are used, what they are made from and what they like or dislike about the products.
- They should talk about their design ideas and what they are making, make simple judgements against a design criteria and suggest how the product can be improved.

	AUTUMN	SPRING	SUMMER
CYCLE A THEMES	HOLES	A COBBS BROW GUIDE TO THE GALAXY	ANCIENT GREECE
KNOWLEDGE AND UNDERSTANDING	To understand mechanisms are the parts that make something work. To know wheels are usually different sizes so that one gear speeds up to slow down the next gear. They therefore increase the power of a turning force	To develop understanding of nutrition and use a range of techniques to create a healthy soup	
FOCI	D&T - Making a mechanical digger	D&T - nutritional soup Food Tech	ART FOCUS
KEY VOCABULARY	measure, mark, cut, tools, equipment, components functional properties, aesthetic qualities, annotated sketches, design decisions, mechanical components	Prepare, cook, variety, savoury dishes, safely, hygienically, peeling, chopping, slicing, grating, mixing, spreading, kneading and baking, healthy diet, balance, energy, appearance, taste, texture and aroma substances - nutrients, water and fibre	
SIGNIFICANT PEOPLE	Joseph Bamford	HESTON BLUMENTHAL	
CYCLE B THEMES	CRIME AND PUNISHMENT	POLE TO POLE	ANCIENT CIVILISATIONS - MAYA
KNOWLEDGE AND UNDERSTANDING	understand and use electrical systems in their products To know switches can be positioned so that electrical currents can flow	To join fabrics in a number of ways To use stiches and other techniques to add aesthetic appeal to their product.	

	through them (closed switch) or cannot flow through them (open switch).		
FOCI	D&T making a burglar alarm	Textiles designing and making gloves	ART FOCUS
KEY VOCABULARY	Simple Circuit, Switch, Current, Short Circuit, Battery/ Cell, Switch, Input/ Output Device, Conductor, Insulator	Fabric, materials, measure, mark, cut, tools, equipment, materials, stitch, thread, needle, wadding, insulation,	
SIGNIFICANT PEOPLE	Thomas Edison	Types of gloves-Thermal gloves	

Structures is covered in Autumn DT Day Cycle A