

Oakfield Primary School – DT

At Oakfield we believe that our Design and Technology curriculum learning should be practical. Our children will have opportunities to draw upon other areas of the curriculum, such as links to History, Science, Mathematics and English.

The topics will link to daily life and the wider world. Using creativity and imagination, our children incorporate the skills of cutting, sawing, sewing and food preparation. Pupils are also expected to problem solve and evaluate their own pieces of work in order to make improvements and develop their skill of resourcefulness and adaptability that will support and benefit them throughout their schooling and in to the working world.

Design and Technology promotes both independent and team work, which is something we actively encourage. These are also skills that will benefit throughout their schooling years and into the wider (ever developing) world.

DT Overview

Cycle A

	A1	A2	Sp1	Sp2	S1	S2
Yr R	All about Me Self portraits	Let's plan a party Christmas crafts (printing)	If you go down to the woods today Clay bears and observational drawing	Down on the farm Collage	In the garden Colour mixing/ painting	A bug's life DT models
Yr 1/2	Local study- Totton and the New Forest Food: Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)		London's Burning Textiles: Templates and joining techniques	Living Memory history unit Textiles: Templates and joining techniques	Dinosaurs Mechanisms: Sliders and levers (pop up books?)	We're going to the Zoo Mechanisms: Sliders and levers (pop up books?)

Yr 3/4	Once upon a Time in Totton... Structures	Amazing Animals Food and Nutrition	Mighty Mountains Textiles	Titanic Structures	Viva Italia Food and Nutrition	Revolting Romans Textiles
Yr 5/6	Ancient America (Non European society- Aztecs. Region of Americas/land use/ economic + activity/ hemispheres, biomes, rainforests) Food: Celebrating culture and seasonality		Keen to be Green (polar circles) Y5: Textiles - Tote bags		Vicious Vikings and Stubborn Saxons (Vikings and Anglo-Saxons) Structures: Frame structures	

Cycle B

	A1	A2	Sp1	Sp2	S1	S2
Yr R	All about Me Self portraits	Let's plan a party Christmas crafts (printing)	If you go down to the woods today Clay bears and observational drawing	Down on the farm Collage	In the garden Colour mixing/ painting	A bug's life DT models
Yr 1/2	Lady of the Lamp	Christmas around the world	Giants, Bones and Bodies	The circus Mechanisms: Wheels and axles – clown cars	All things bright and beautiful Food: Preparing fruit and vegetables	All things bright and beautiful Food: Preparing fruit and vegetables

					(including cooking and nutrition requirements for KS1)	(including cooking and nutrition requirements for KS1)
Yr 3/4	Early Settlers Stone Age, Bronze Age and Iron Age	Imagine Magic	Incredible Egyptians Mechanical systems Levers and linkages	Create-robots Electrical Systems Simple circuits and switches (including programming and control)	Healthy Bodies Food: Healthy and varied diet (including cooking and nutrition requirements for KS2)	World War 2 Food: Healthy and varied diet (including cooking and nutrition requirements for KS2)
Yr 5/6	Groovy Greeks Mechanical systems: Pulleys, Gears and Cams		Wonderful Water (fieldwork on coasts, topological independence, habitats) Food: Celebrating culture and seasonality		Visiting the Victorians (extended period and monarchs) Electrical systems: Using more complex switches and circuits	