



DT Units of Work

Each unit has a corresponding Project On A Page (titles in bold)

Key Stage One CYCLE 1		
AUTUMN 1	SPRING 1	SUMMER 2
Mechanisms Sliders and levers <i>How can we make moving pages for Rosie's Walk?</i> <u>Geography</u> : maps; local area <u>Text</u> : Rosie's Walk	Structures Freestanding structures <i>How can we make a strong, stable chair for The Tiger Who Came to Tea?</i> <u>Science</u> : materials <u>Texts</u> : The Tiger who came to Tea, Goldilocks	Food, Cooking and Nutrition <i>How can we make healthy snacks for our class picnic in the woods?</i> <u>Science</u> : growth and health <u>Texts</u> : Handa's Surprise, Walk in the Woods
Key Stage One CYCLE 2		
AUTUMN 2	SPRING 2	SUMMER 2
Food, Cooking and Nutrition <i>How can we make a healthy bowl of soup for The Lighthouse Keeper?</i> <u>Science</u> : Why do we need to keep healthy? <u>Texts</u> : The Lighthouse Keepers Lunch, Pumpkin Soup	Mechanisms Wheels and axles <i>How do we make a trolley to take our tools to the garden?</i> <u>Science</u> : how do seeds and bulbs grow into healthy plants? <u>Text</u> : Grandpa's Garden	Textiles Templates and joining techniques <i>How can we design and make a meerkat puppet for a class play?</i> <u>Geography</u> : Kalahari Desert. <u>Text</u> : Meerkat Mail
Key Stage Two CYCLE 1		
AUTUMN 2	SPRING 2	SUMMER 2
Mechanisms Levers and linkages <i>How can we make a Christmas card with moving parts?</i>	Textiles 2-D shape to 3-D product <i>How can we make a jewellery pouch for a trader or raider?</i> <u>History</u> : Why did the Vikings raid Britain?	Food, Cooking and Nutrition <i>How can we make a healthy snack for a Marathon runner?</i> <u>History</u> : Why did the Olympics originate in Greece?

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Key Stage Two CYCLE 2		
AUTUMN 1	SPRING 2	SUMMER 2
Electrical systems Simple circuits and switches <i>How can we make a night-light for family member?</i> <u>Science</u> : What happens when I turn a switch on?	Structures Frame structures <i>How can we make a strong WWII shelter for a family?</i> <u>History</u> : Why was the Battle of Britain a turning point in WWII?	Food, Cooking and Nutrition <i>Gan Kernow! How can we make a traditional Cornish afternoon tea?</i> <u>Geography</u> : Why do people visit St Ives?
Key Stage Two CYCLE 3		
AUTUMN 2	SPRING 1	SUMMER 2
Structures Shell structures (CAD) <i>How can we use CAD to design wrapping paper and packaging for a present?</i>	Food, Cooking and Nutrition <i>How can we make a bread based lunch with a filling such as a wrap, sandwich, blini or toastie?</i>	Electrical systems (micro:bits) <i>How can we make an alarm to stop thieves stealing our tin?</i> <u>History</u> : Who were the significant people in Cornish mining?
Key Stage Two CYCLE 4		
AUTUMN 1	SPRING 2	SUMMER 2
Food, Cooking and Nutrition <i>How can we make Fair Trade muffins or smoothies?</i> <u>Geography</u> : What is Fairtrade?	Textiles Combining different fabric shapes (including CAD) <i>How can we make a belt for gardening tools?</i>	Mechanisms Pulleys, gears or cams; pneumatics. <i>How can we make a catapult to hurl a?</i> <u>History</u> : How did the Romans invade Britain?