

DT

Growth Achievement Teamwork Enjoyment Success



DT CURRICULUM OVERVIEW

CYCLE A + B

EYFS

AUTUMN 1	SPRING 1	SUMMER 1
<u>Introduction to malleable skills</u> Topic: What makes me special? Design Brief: To measure and mix ingredients to create malleable dough.	<u>Mechanisms</u> Topic: Where Am I? Design Brief: To design, make and evaluate a wooden vehicle with one moving element.	<u>Textiles</u> Topic: How does it grow? Design Brief: To design, make and evaluate a sewn flower picture to be sold on Enterprise Day.
AUTUMN 2	SPRING 2	SUMMER 2
<u>Food</u> Topic: How do we celebrate? Design Brief: To design, make and evaluate a celebration cake to share with our families.	<u>Structures</u> Topic: Who am I? Design Brief: To design, make and evaluate a home for an animal to live in	<u>Textiles</u> Topic: Where will your story take you? Design Brief: To design, make and evaluate a picnic blanket

KS1

AUTUMN 2	SPRING 2	SUMMER 1
<u>Food</u> Topic: Stand alone unit Design Brief: To design, make and evaluate a healthy pizza for a health cooking show	<u>Mechanisms</u> Topic: Australia (Geography link) Design Brief: To design, make and evaluate a moving picture of Australia to show facts to EYFS children.	<u>Textiles</u> Topic: The Victorians (History link) Design Brief: To design, make and evaluate a puppet for a Punch and Judy puppet show to be sold on Enterprise Day.

LKS2

AUTUMN 2	SPRING 2	SUMMER 1
<u>Food</u> Topic: Wartime Westhoughton Design Brief: to design, make and evaluate a Wartime pie for our parents to show how food has changed	<u>Mechanical and electrical systems</u> Topic: The Rainforest Design Brief: To design, make and evaluate a moving information book targeted at KS1 which includes facts about the Rainforest and animals that live there.	<u>Textiles</u> Topic: Ancient Egyptians (History link) Design Brief: To design, make and evaluate a handbag, purse or wallet that will carry loose change and will display an Egyptian hieroglyphic to be sold on Enterprise Day.

UKS2

AUTUMN 2	SPRING 2	SUMMER 1
<u>Food</u> Topic: Stand alone unit Design Brief: To design, make and evaluate cookies using fair trade ingredients to be sold in the local bakery – Greenhalghs.	<u>Mechanical and electrical systems</u> Topic: Animals (Science link) Design Brief: To design, make and evaluate a model using CAMs as an example of how different animals can move to be displayed in an animal exhibition.	<u>Textiles</u> Topic: Stand alone unit Design Brief: To design, make and evaluate a mobile phone case using CAD to be sold on Enterprise Day

CYCLE B		
KS1		
AUTUMN 2	SPRING 2	SUMMER 1
<u>Structures</u> Topic: Animal survival (Science link) Design Brief: To design, make and evaluate a small animal house for an animal to live in to improve our school environment.	<u>Mechanisms</u> Topic: Africa (Geography link) Design Brief: To design, make and evaluate a model vehicle that a tourist can use to explore the savannah.	<u>Food</u> Topic: Stand alone unit Design Brief: To design, make and evaluate a fruit kebab to be sold on Enterprise Day
LKS2		
AUTUMN 2	SPRING 2	SUMMER 1
<u>Structures</u> Topic: Stand alone unit Design Brief: To design, make and evaluate a gift box using CAD to hold a small gift for a member of your family on Christmas Day.	<u>Mechanical and electrical systems</u> Topic: Light and dark (Science link) Design Brief: To design, make and evaluate a decorative light box for the school supervisor which can display words and phrases.	<u>Food</u> Topic: Ancient Greeks (History link) Design Brief: To make traditional Greek flatbreads that can sold on Enterprise Day.
UKS2		
AUTUMN 2	SPRING 2	SUMMER 1
<u>Structures</u> Topic: Stand alone unit Design Brief: To design, make and evaluate a new model playground for the community to use in the local park.	<u>Mechanical and electrical systems</u> Topic: Electronic systems (stand-alone) Design Brief: To design, make and evaluate a security light to help the site supervisor to keep the school safe.	<u>Food</u> Topic: Stand alone unit Design Brief: To design, make and evaluate a Caribbean fruit smoothie that can sold on Enterprise Day.