



DESIGN TECHNOLOGY CURRICULUM OVERVIEW

DT STATEMENT OF INTENT

At Our Lady's RC Primary School, the Design Technology curriculum aims to inspire pupils to become creative, imaginative and practical thinkers who are confident in designing and making purposeful products. Through a carefully planned sequence of learning, we teach children to solve real and relevant problems, considering their own and others' needs, wants and values. Our DT curriculum follows the National Curriculum and ensures that all pupils gain the technical knowledge, creative skills and evaluative thinking needed to thrive in an increasingly design-rich world.

RECEPTION

AUTUMN TERM	SPRING TERM	SUMMER TERM
Create diva lamps inspired by the Diwali celebration	Create a 'people who help us' vehicle	Make a sandwich

YEAR 1

AUTUMN TERM	SPRING TERM	SUMMER TERM
Create hand puppets inspired by Old Toys (textiles)	Design a space moving picture (sliders and levers)	Make a healthy beach snack (Nutrition)

YEAR 2

AUTUMN TERM	SPRING TERM	SUMMER TERM
Design, make and evaluate a moving vehicle (Fire Engine)	Design, make and evaluate healthy pizzas and packaging for them. (Nutrition)	Design and make a stone age tools (Cutting, shaping and joining)

YEAR 3

AUTUMN TERM	SPRING TERM	SUMMER TERM
Make bread suitable for the Egyptians using seasonal fruits and vegetables. (Nutrition)	Design and make a boat suitable for Indus people to travel. (pneumatics and structures – electrical systems)	Design and make a biome dome to grow crops. (Shell structures – using CAD)

YEAR 4

AUTUMN TERM	SPRING TERM	SUMMER TERM
Light up Christmas Decoration (Electrical systems/ textiles)	Design and make an aqueduct to transport water (Structures)	Make an Arabian meal and explore foods from around the world (Nutrition)

YEAR 5

AUTUMN TERM	SPRING TERM	SUMMER TERM
Rockets and electrical systems (Electrical systems)	Create a Nordic Feast (Nutrition)	Build a Viking Long Boat (Frame structures and electrics)

YEAR 6

AUTUMN TERM	SPRING TERM	SUMMER TERM
	Design an Air raid shelter. (levers and pulleys)	Make Pan de Muerto – Mexican bread (nutrition) Fairgrounds (mechanisms/ motor electrics)