

DT Learning Pathway

EYFS

During the Early Years Foundation Stage, children begin to explore different type of media and products through construction, design, cooking and nutrition. Children begin to explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function whilst sharing their creations, explaining the process they have used.

Key stage 1

In Key stage 1, children begin to learn how to design purposeful, functional products for themselves developing their ideas by talking and drawing. Children learn to select from a range of tools and equipment to help them to carry out tasks appropriately and finish by evaluating their final product against a design criteria. In cooking, children learn the basic principles of a healthy and balanced diet and begin to understand where food comes from.

Key stage 2

In Key Stage 2, children learn to research and develop design criteria to inform the design of innovate, function and appealing products that are fit for purpose. Learning to select from a wider range of tools and equipment to performing practical tasks accurately. To evaluate, children learn to reflect and evaluate on their own design and consider views of others to help make improvements. In cooking, children understand and apply the principles of a healthy and varied diet and prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. By the end of key stage two, children have learnt how key events and individuals in design and technology have helped shape our current world.

Reception

Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

Autumn

What makes me unique and belong?

Structure: Junk Modelling

What is around me?

Cooking and Nutrition:
Smoothies

What helps living things grow and thrive?

Cooking and Nutrition:
Balanced Diet

How has electricity improved life?

Electronical Systems:
Steady Handy Games

How did the Roman invasion change life in Britain?

Structure: Colosseum

Why do people invade and settle?

Structure: Invaded Bridges

Why must we remember?

Textiles: Evacuee Waistcoats

Spring

What makes living things change and grow?

Cooking and Nutrition:
Soup

What is my village like?

Structure: Constructing
a Windmill

What difference can a person make?

Mechanisms: Ferris Wheel

How did people start to settle?

Cooking and Nutrition:
Prehistoric cooking

How is the natural world unpredictable?

Textiles: Fastenings

Why is our world unequal?

Mechanisms: Solar Systems
CAMS

Why is power important?

Cooking and Nutrition: come dine
with me in Greece

Summer

What do other countries look like?

Textiles: Bookmarks

What are things made from?

Mechanisms: Wheels
and Axles

What will we see when we explore the world?

Textiles: Binocular Pouch

How do civilisations grow?

Textiles: Egyptian Collars
Mechanisms: Shadufs

How do animals survive and thrive?

Cooking and Nutrition:
Adapting a recipe

Why is it important to look after our world?

Cooking and Nutrition:
Sustainable Cooking -
developing recipe

Why do we need to adapt and change?

Digital World: Navigating the
world