

# UKS2 DT Pathway

Secondary School

Food – pizza



*Mechanical systems:  
Automata toys*

Summer Term – Victorian Age

*Structures:  
Playgrounds*

Spring Term – Darwin

Food – Caribbean fruit salad



*Electrical systems:  
Steady hand game*

Autumn Term – South America and Migration

Food – spaghetti bolognese

*Mechanical systems:  
Making a pop-up book*



Food – apple sponge pudding

Year 6

Summer Term – Greeks

Food – beef burgers

Spring Term – Raiders and Adventurers



*Structure: Bridges*

**Forces of Nature:**  
**Forces (NC Statements):**  
Understand that objects fall due to a force of gravity between Earth and the falling object. Effects of air resistance, friction and water resistance.

Food – tomato and carrot soup

Autumn Term – Forces of Nature

Year 5

LKS2

# LKS2 DT Pathway

UKS2

Food – yoghurt and banana biscuits

Summer Term Topic– Rainforests

Food – fishcakes



*Mechanical Systems: Making a slingshot car*

Spring Term Topic– Romans in Britain

### SCIENCE LINK

#### Volts and Vibrations: Electricity (NC Statements):

Constructing circuits and drawing circuit diagrams. (Investigative practice of bulbs, switches and incomplete circuits.)  
Recognising conductors and insulators.

Autumn Term Topic - Volts and Vibrations

Food – Lentil soup



*Electrical systems: Torches*

Year 4

Food – Dutch apple crumble

Summer Term Topic – River deep

### MATHS NC LINK

Draw 2-D shapes and make 3-D shapes using modelling materials.  
Recognise 3-D shapes in different orientations and describe them.



*Structures: Constructing a castle*

Spring Term Topic– Stone age bone age

Food – quick bread rolls

### SCIENCE LINK

#### Light and Dark: Light (NC Statements):

Difference between light and dark.  
Reflection of light.  
Understanding how shadows are formed.

Autumn Term Topic– Light and dark

Food – scrambled eggs



*Electrical systems: Electric poster*

Year 3



LSK2

KS1 DT Pathway

Structures: Baby Bear's chair

Food – quick cheese pizza

Summer Term – Habitats

Food – rock buns

Spring Term – Great Fire of London



Mechanisms: Making a moving monster

Levers, linkages and pivots

Autumn Term – Journeys

Food – mashed potatoes

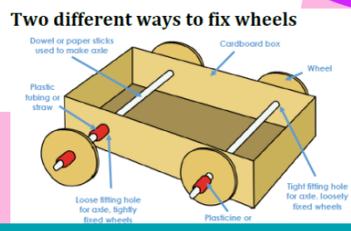
Year 2

Food – Tzatziki

Summer Term – Under the Sea

Food – seasonal apple salad

Spring Term – Toy Story



Mechanisms: Wheels and axles



\*New\* Structures: Constructing a windmill

Food – cinnamon toast

Autumn Term – Our Local Area

Year 1

# EYFS DT Pathway

KS1

**ELG: Expressive arts and design :** creating with materials. Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Share their creations, explaining the process they have used.

**ELG Physical development: fine motor skills**  
Use a range of small tools, including scissors, paintbrushes and cutlery

Summer 2  
Wonderful  
Weather

Food – salt  
dough (not  
for eating)

Summer 1  
African  
Safari

## Expressive arts and design:

Explore, use and refine a variety of artistic effects to express their ideas and feelings.

Return to and build on their previous learning, refining ideas and developing their ability to represent them.

Create collaboratively, sharing ideas, resources and skills.

Food –  
Bruschetta  
with tomato  
dip

Spring 2  
Spring Into Life

Spring 1  
People Who  
Help Us

Food – fruit  
salad

Autumn 2 Once  
Upon a Time

## Physical development

Progress towards a more fluent style of moving, with developing control and grace.

Develop their small motor skills so that they can use a range of tools competently, safely and confidently.

Use their core muscle strength to achieve a good posture when sitting at a table or sitting on the floor.

Autumn 1 All  
About Me

## Expressive arts and design

Make imaginative and complex 'small worlds' with blocks and construction kits, such as a city with different buildings and a park.

Explore different materials freely, in order to develop their ideas about how to use them and what to make.

Develop their own ideas and then decide which materials to use to express them.

Create closed shapes with continuous lines, and begin to use these shapes to represent objects.

Reception

Summer 2  
Wonderful  
Weather

Summer 1  
African  
Safari

**Understanding the world:**  
Explore how things work.

## Physical development

Use large-muscle movements to wave flags and streamers, paint and make marks.

Choose the right resources to carry out their own plan.

Use one-handed tools and equipment, for example, making snips in paper with scissors.

Spring 1  
People Who  
Help Us

Spring 2  
Spring Into Life

Autumn 2 Once  
Upon a Time

Autumn 1 All  
About Me

Nursery

## Personal, Social and Emotional Development

Select and use activities and resources, with help when needed. This helps them to achieve a goal they have chosen or one which is suggested to them.