

D.T. JOURNEY



Building Bridges

Children will explore how to build bridges and joining materials together.

EYFS



Food we grow

Children will explore different foods and learn about how to keep healthy.

EYFS

Superhero capes

Children will explore different materials to make a superhero cape.

EYFS



1

Windmills

Children will research, design and make their own windmills using appropriate material.

Moving picture book

Children will learn how to make a moving picture book using the mechanism of levers.

1



1

Smoothie making

Children will learn about healthy eating and how to make a nutritious fruit smoothie.

Mars Rover prototype

Children research, design and make a Mars Rover prototype using the mechanism of wheels and axles.

2



2

Chair design

Children will design and make a new chair for baby bear using materials and structure knowledge.

Bunting

Children will design and sew bunting for their end of year celebration.

2



Domains and key concepts



Food nutrition



Textiles



Mechanisms



Materials and structures



Design cycle



Electrical

D.T. JOURNEY



Moving Toy

Children learn about pneumatics and apply this knowledge of mechanism to design and making a moving toy.

3



3

Keepsake box

Children learn about materials and structures and use our knowledge to design and make a keepsake box.

Seasonal Salad

Children learn about where our food comes from and seasonality. They use develop their skills in chopping and using knives safely.

3



4

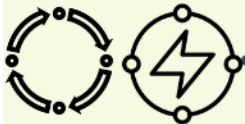
Pizza making

Children learn about different ingredients and how to make dough. They continue to develop their cutting skills.

Pencil cases

Children learn about textiles and sewing different stitches. They design and make their own pencil case.

4



4

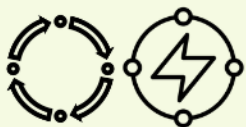
Light bookmark

Children learn about electrical circuits. They design and make a light up bookmark.

Soup making

Children learn about food nutrition and different ingredients. They further develop their cutting skills as well as learn how to cook on a hob.

5



5

Alarms

Children apply their knowledge of electrical circuits and design and make an alarm system.

Fairground ride.

Children learn about another mechanism of cams and pulleys. They design and make a prototype fairground ride for Paultons Park.

5



6

Stew and dumplings

Children learn about food nutrition and combine skills acquired of dough making and soup making to make stew and dumplings.

Textiles

Children learn about different textiles and stitches needed to design and make an apron.

6



6

Mini playground

Children learn about structures and materials. They learn cutting and joining skills with wood.

