

## Textiles

### In Year R we will learn...

A needle is used to sew and can be threaded with cotton or wool.

Different fabrics can fit different design briefs.

Pins can be used to attach two pieces of material together.

### In Year 1 we will learn...

Joining technique means connecting two pieces of material together.

Various temporary methods of joining include staples, glue or pins.

A template is used to cut out the same shape multiple times.

### In Year 2 we will learn...

Sewing is a method of joining fabric.

Different stitches can be used when sewing.

It is important to tie a knot after sewing the final stitch.

## Mechanisms

### In Year R we will learn...

Sticking is an attaching technique.

### In Year 1 we will learn...

A mechanism is the parts of an object that move together.

A slider mechanism moves an object from side to side.

A slider mechanism has a slider, slots, guides and an object.

### In Year 2 we will learn...

An Axle is the rod or spindle which passes through and holds the wheels.

Mechanisms are a collection of moving part that work together as a machine to produce movement.

The features of a Ferris Wheel include the wheel, frame, pods, a base, an axle and an axle holder.

There is always an input and an output in a mechanism.

A lever is something that turns and pivots.

A linkage mechanism is made up of a series of levers.

## Structures

### In Year R we will learn...

### In Year 1 we will learn...

The shape of materials can be changed to aid strength.

Cylinders are a strong type of structure.

A structure is something that has been made and put together.

### In Year 2 we will learn...

Shapes and structures with wide, flat bases or legs are most stable.

A stable structure is one which is firmly fixed and unlikely to change and move.

Materials can be manipulated to improve strength and stiffness.

## Cooking and Nutrition

### In Year R we will learn...

### In Year 1 we will learn...

A blender is a machine that mixes ingredients together into a smooth liquid.

Fruits have seeds, vegetables do not.

Fruits grow on trees or vines.

Vegetables can grow either above or below ground.

Vegetables are the edible part of a plant.

### In Year 2 we will learn...

Diet means the food or drink that a person/animal usual eats.

The five main food groups are carbohydrates, fruits and vegetables, protein, dairy and oils and spreads.

Ingredients are the items in a mixture or a recipe.