



Endpoints for Design Technology

Year 2 – Marvellous Mechanisms



During this project, we will learn about three types of mechanisms: sliders, levers and linkages. We will make models of each mechanism before designing and making a greetings card with a moving part

What I know and can explain

People build machines to make their work easier

The part of a machine that brings about movement is called the mechanism

A slider mechanism moves in a straight line

Products can be improved in different ways, such as making them easier to use, more hardwearing or more attractive

Machines and mechanisms

Machines make work easier. They can help us to move or lift objects. Machines are made up of different parts called components.



A group of components that work together make a mechanism. Mechanisms usually make something move. Mechanisms include sliders, levers and linkages.

Useful Vocabulary

Arc – The shape of part of a circle or other curved line

Component – One of the parts of a machine

Lever - A mechanism consisting of a bar that moves around a fixed pivot

Machine – A device which makes work easier

Mechanism - A system of components that work together in a machine

Pivot - A fixed point on which something turns or balances