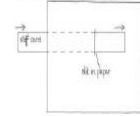


## Key Vocabulary

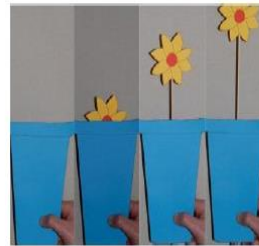
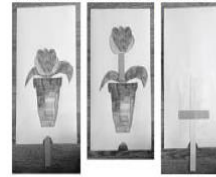
Lever  
Mechanism  
Slider  
Slot  
Wheels  
Split pin

## An example of a slider

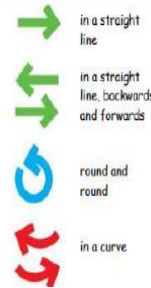
Sliders can be used to make objects move. In simple terms, a push or pull on one end of a rod results in the other end moving.



## A moving flower picture



How simple mechanisms move:



## Prior Learning

- Experience of using different joining, cutting and finishing techniques with paper and card.
- A basic understanding of 2-D and 3-D shapes in mathematics and the physical properties and everyday uses of materials in science.

## Key Information

Children will make moving pictures. They will:

- Explore a variety of moving pictures, focussing in on three types in particular (wheels, sliders and levers).
- Design their own moving picture.
- Create their own moving picture.
- Evaluate their creation.

## Key Skills

**DESIGNING:** Researching and testing a variety of designs.  
**MAKING:** Cutting, pushing, using split pins, measuring.  
**EVALUATING:** Own ideas and products and existing products.  
**TECHNICAL KNOWLEDGE:** Making products that work by applying understanding.