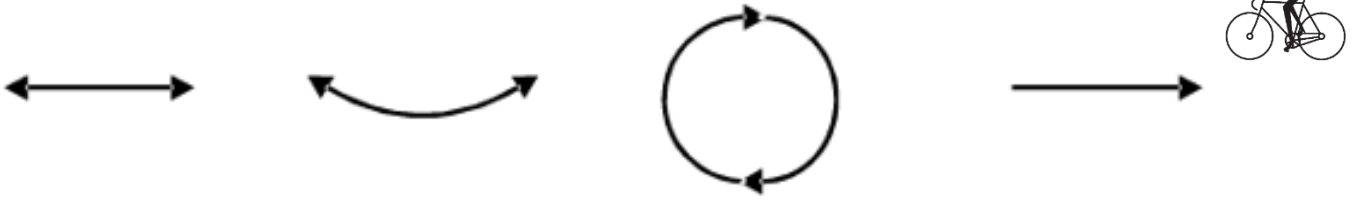


# Mechanisms in DT – things that move.

## Types of Motion



There are 4 types of motion which can be represented by the symbols above. These are:

Rotary Motion – movement in a circle.

Linear Motion – movement in a straight line, in one direction.

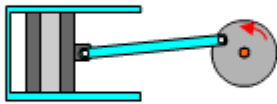
Reciprocating Motion – moving backwards and forwards.

Oscillating Motion – swinging backwards and forwards.

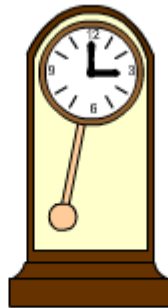
**Task** Label the symbols above and the examples below with the type of motion they have.



BICYCLE WHEEL



PISTON



PENDULUM CLOCK



LOCOMOTIVE

By V.Ryan

**Task** Find and draw 2 examples of each type of motion in different everyday things.

Rotary Motion – movement in a circle.



## Mechanisms in DT – things that move.

### Types of Motion

Linear Motion – movement in a straight line, in one direction.



Reciprocating Motion – moving backwards and forwards.

Oscillating Motion – swinging backwards and forwards.

# Mechanisms around the home and garden



Products that move like this one use a mechanism.  
Can you description how you use this and what happens  
when you operate it.

---

---

---

---

---

---

---

---

You can become a mechanisms detective. Go around the home and garden and try  
and find examples of things that move.

Get some examples that have motors and some without. Even the simplest things  
that move will have a mechanism.

Explain what it is that moves. Draw or take a picture of it in use.

Can you explain how that movement is made?