

# DT - Year 3 - 2.4 Linked levers - Mechanisms: Fold away safety barrier

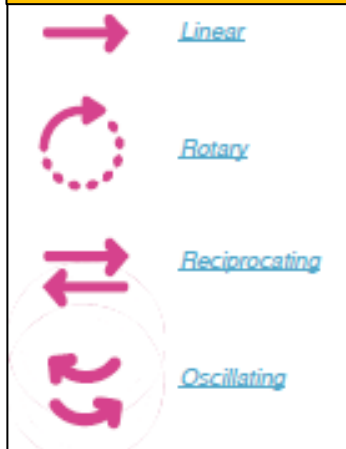
## What should I already know?

- Lever mechanisms have a pivot.
- You need to move one end of the lever for it to work at the other end.
- The movement will be in the opposite direction to the force you have used on one side of the lever.

## Key Vocabulary

<b>Pivot</b>	the point around which a lever turns
<b>Fulcrum</b>	the point at which a lever balances or turns
<b>Rotary</b>	turning around a fixed point
<b>Linear</b>	in a straight line
<b>Reciprocating</b>	moving back and forth in a straight line
<b>Oscillating</b>	moving back and forth in an arc
<b>Lever</b>	a simple machine that uses an effort (force) and a pivot to lift or move objects
<b>Product</b>	Something that has been created or made
<b>Purpose</b>	The reason for which something is made
<b>Inspiration</b>	Where you got your ideas from

## Types of movement



## Facts about Fold away safety barriers

- These barriers are used as a safety measure to prevent people from going into dangerous or unsafe areas.
- Safety barriers could also be used to mark out a route for people or even cars to follow.
- A folding safety barrier sometimes resembles a fence and is easily able to be put up or folded away.