

Key Vocabulary

Word	Meaning
Lever	A part that moves around a single point
Pivot	Where the lever is joined.
Slider	A mechanism that moves along a line
Mechanism	Part of a product that works together to make something move. Some mechanisms are levers and sliders.
Guided / bridge	A short card strip used to keep sliders in place and control movement
Slot	The hole through which a slider is placed to help it to move
Design	To generate , develop and communicate ideas for a product
Evaluate	To judge how a product meets a criteria
Product	A product is something you can make or buy

Mechanisms

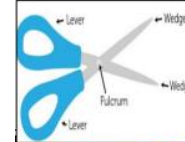
Here are some examples of **mechanisms**.

Some mechanisms have **sliders** and some have **levers**.



Levers

Seesaw



Scissors



Sliders

Children's Books

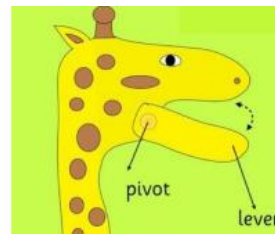


Drawers

Movement of Mechanisms

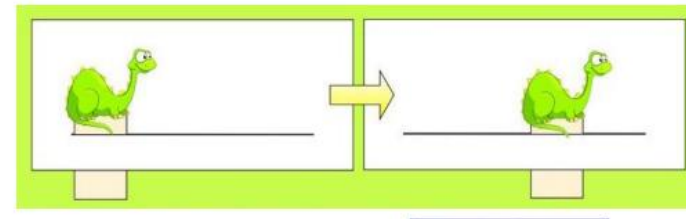
Lever

- Moves around a single point



Sliders

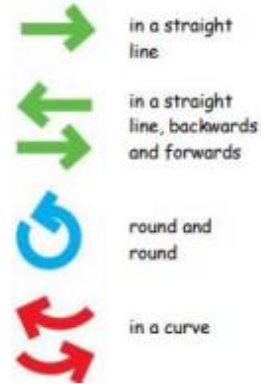
• Moves along a line



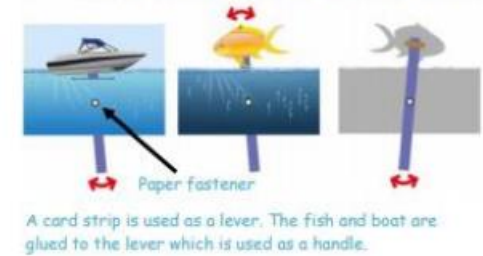
Diagrams



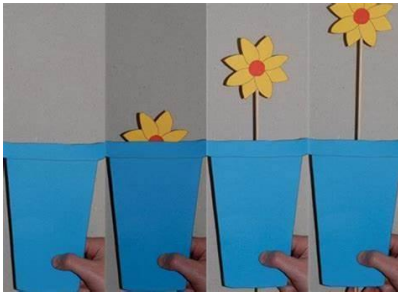
Here you can see **sliders** and **levers** being used and how they work.



Levers can be used with or without a slot



Examples of Moving Pictures



Extending Your Learning

1. Can you find any objects at home that have sliders?
2. Can you find any objects at home that have levers?
3. Read a book that includes a moving picture.