

Key Vocabulary

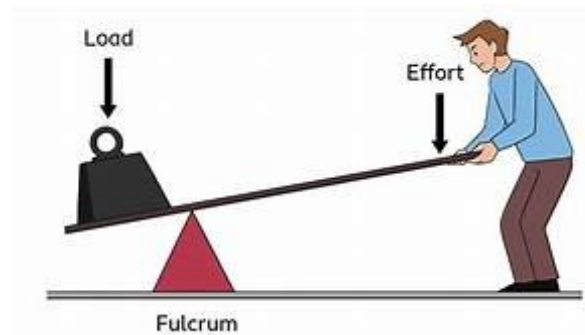
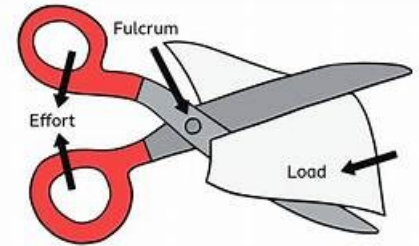
Lever	A simple mechanism that helps us move things more easily. It has three important parts: the fulcrum, the load, and the effort.
Pivot	A point around which an object can move or rotate.
Fulcrum	The place where the lever turns or is supported.
Slider	A rigid bar or rod, supported by a guide, that moves forwards and backwards along a straight line.
Mechanism	A set of moving parts that work together to make something happen.

What is a lever?

A lever is a simple mechanism that has a rigid bar or beam that pivots or rotates around a fixed point called a fulcrum.

A lever has 3 important parts

1. Load ~ The load is the thing to be moved.
2. Fulcrum ~ This is the spot where the lever sits. It allows the lever to move up and down, side to side, in a curve or Round and round.
3. Effort ~ This is the power we use to make the lever work. When we push or pull to move things we use our muscles to make the lever do it's job.



What is a slider?

A slider is a kind of mechanism that has a bar or rod that moves forwards and backwards, or side to side, within a guide. A bolt on a gate is one example of a slider mechanism.

