

Simple Machines- Lever

Lever

A lever is a bar resting on a pivot. It is used to move heavy loads with one end while pressure or weight is applied to the other end.

An example of a lever is a crowbar.

Activity: Make a lever out of a ruler, tape, can or toilet paper roll. You will also need an item to lift.

After you make your lever, answer these questions:

1. Does the lever make it easier to lift the load?
2. If you move the fulcrum closer to the load, what happens when you try to lift the load? If you move the fulcrum away from the load, what happens when you try to lift the load?

Terms:

Load: The heavy item you are trying to move.

Fulcrum: The point where a lever rests and pivots.

