

What type of lever is...

a pair of scissors

your arm

a crowbar

a screwdriver

a nutcracker

a fork

a stapler

a fishing pole

a rake

a can opener

a hammer
(to remove nails)

Vocabulary

effort: the force you apply to a lever. When effort is applied, the lever pivots on the fulcrum and the load is moved

equilibrium: a state of balance on a lever. This occurs when the load and effort are equal.

fulcrum: point where the lever turns or pivots

kinetic energy: the energy an object possesses as a result of its movement

lever: a simple machine often used to do work with less effort. A simple lever consists of two sides (or arms) and a pivot point (or fulcrum) When effort is applied to the arm, the lever pivots (turns) on the fulcrum to lift some kind of load.

load: what is moved on a lever (the weight found on one end)

potential energy: the stored energy of an object as a result of its position