



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

fulcrum: point where the lever turns or pivots

gravity: the phenomena in which a mass of matter moves toward a center of attraction

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 long arm, the lever pivots on the fulcrum to lift some kind of load

load: what is moved on a lever

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

kinetic sculpture: three-dimensional art works that include moving elements (i.e., mobiles); may be set in motion by motor, by hand, or by natural forces

mobile: a balanced arrangement of objects suspended from wires or rods, which is moved by light air currents Mobiles consist of a series of levers in equilibrium

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

satellite: a celestial body that orbits a planet (i.e., the moon is the Earth's satellite)