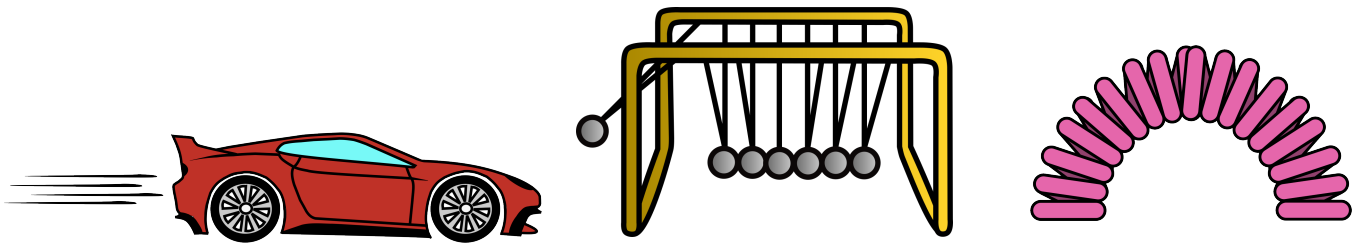# Energy

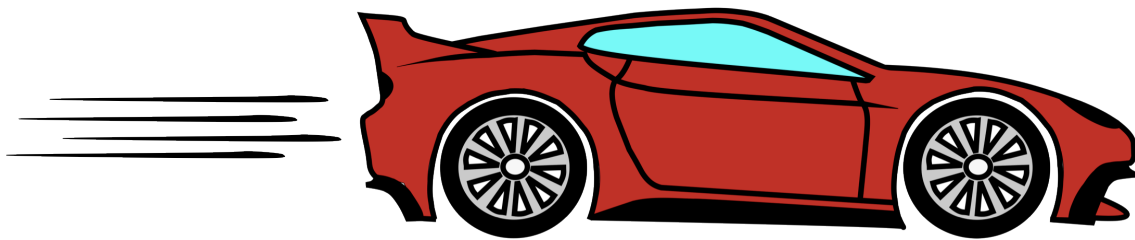The power or ability to make something work or be active

Heat

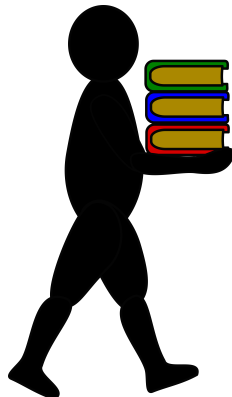A form of energy, or the state of being very warm; hotness; warmth.

Motion

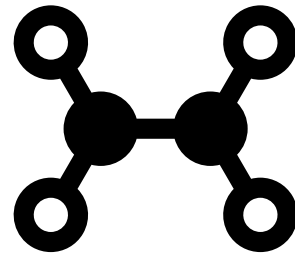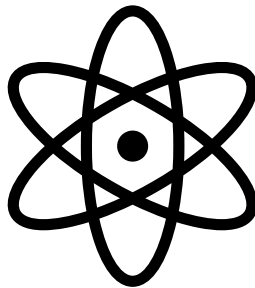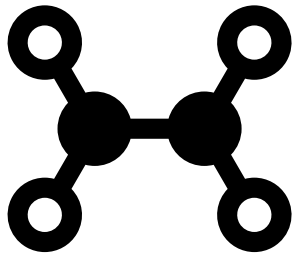The act or particular way of changing place; movement.

Work

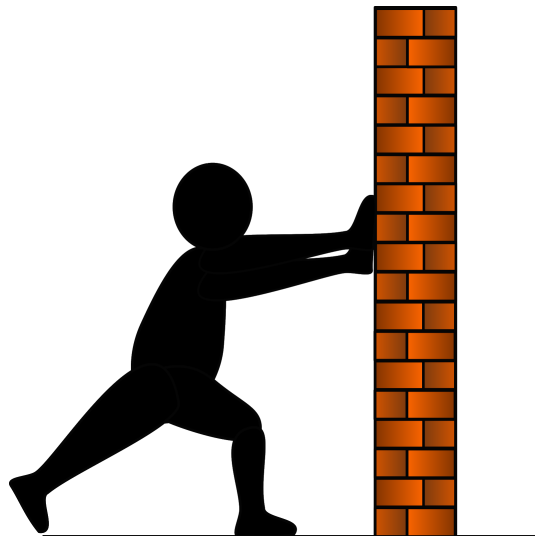Moving something against a force, like gravity.

Matter

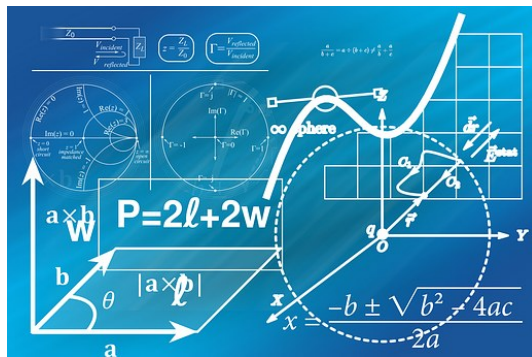All substances that contain atoms and take up space.

Force

Power, energy, or physical strength.

Variables

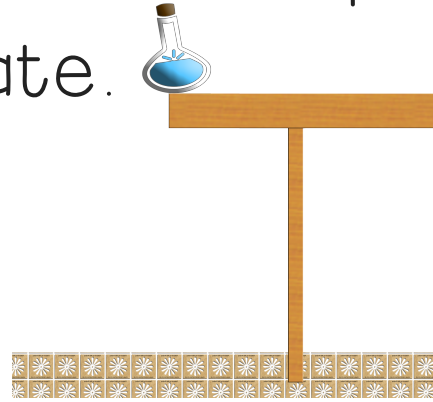Something that is likely to change; not constant.

Constants

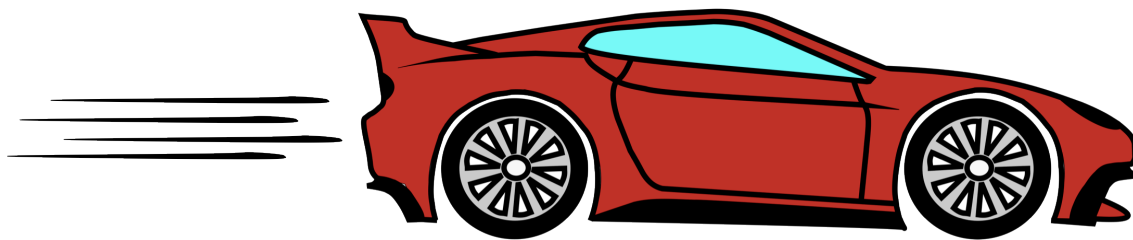Something that will not change; stays constant.

Potential Energy

Potential energy is the stored energy an object has because of its position or state.

Kinetic

Kinetic energy is the energy an object has because of its motion.
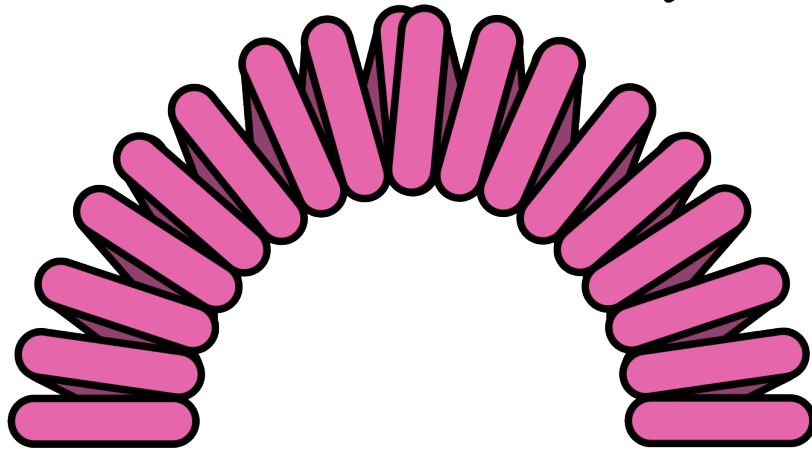
Collision

An act or instance of coming together with force; crash.
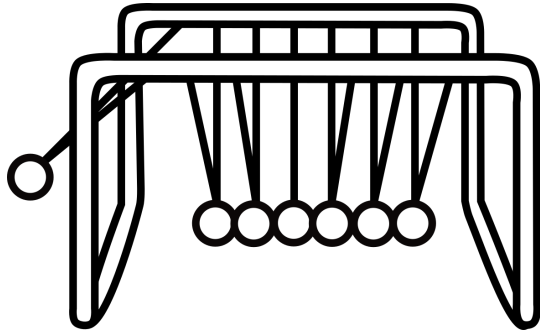

Elastic

Able to return to its original form after being stretched or squeezed.

Transfer

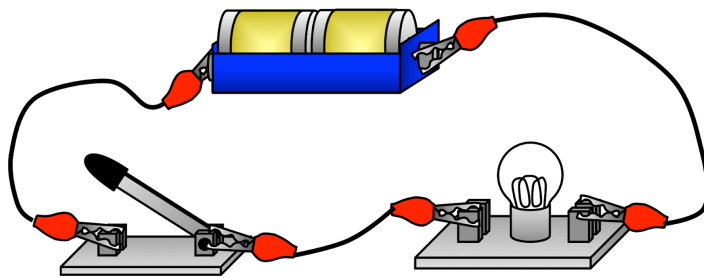Pass on from one thing to another.

Transformation

To change from one thing into another.

Electricity
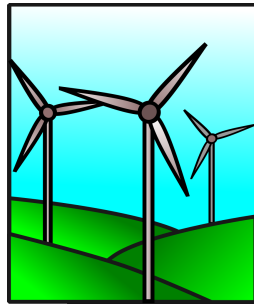
Energy caused by the movement of electrons through matter

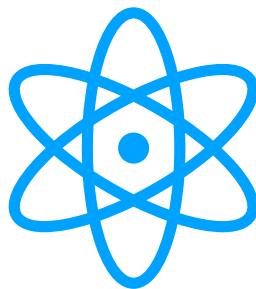

Energy Sources

Where energy can be obtained.

Wind Power

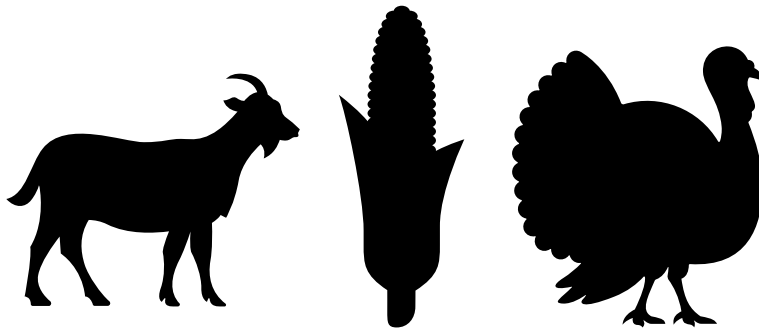Energy obtained from harassing the power of the wind.

Nuclear Energy

Energy obtained from using the nuclei of atoms.

Biomass

Biomass is organic material that comes from plants and animals, and it is a renewable source of energy

Oil
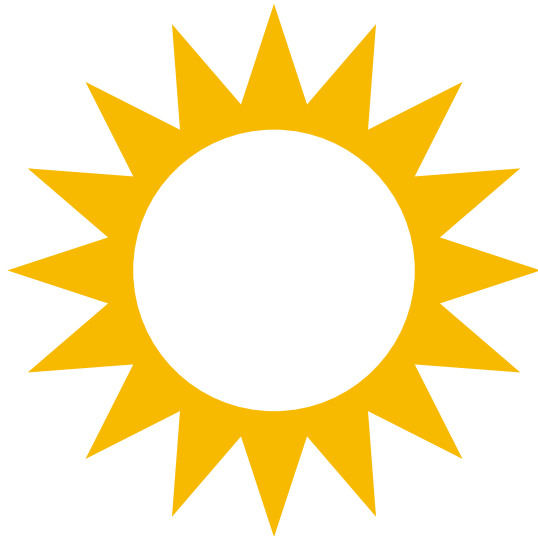
Oil is thick liquid known as a fossil fuel.

Geothermal

Energy obtained from the heat produced inside the earth.

Solar

Energy obtained from the sun.

Fossil Fuels

Fossil fuels are formed from the remains of ancient plants and animals, buried deep inside the Earth for millions of years.

Coal

A hard black substance that is found in the earth and burned as fuel.

Renewable

Can be renewed or restored.

Nonrenewable

Can NOT be renewed or restored.