Kinetic energy is seen when particles, waves or objects move

Light (radiant) Energy	Sound Energy	Mechanical kinetic Energy	Heat (thermal) Energy	Electrical Energy
Energy traveling in waves, with wavelengths that can be seen by humans.	Sound travels in waves of different pressure. This causes movement of particles. Sound cannot travel in a vacuum.	Movement energy. This can be seen when matter changes its position in space	The kinetic energy that atoms contain. The more they move the more heat they contain. Measured by temperature	Energy contained in electrons. This can either be static like lightning or current electricity that moves in a circuit.





All forms of stored energy are called **potential energy**

Gravitational Energy	Elastic Energy	Nuclear Energy	Chemical Energy	Geothermal Energy	Magnetic Energy
This is the energy contained by an object which pulls it back to Earth. The further up from the ground the more it contains.	Found in springs, rubber bands etc. The more they are compressed the more energy they contain to make them change back to their original shape	The energy contained by the nucleus of an atom which holds the neutrons and protons together. A lot of energy is released when these are separated in a nuclear reaction	The energy contained in the bonds of chemical molecules – i.e.food or battery acid. When these bonds are broken in a chemical reaction then their energy is released	Energy produced by geological processes of the Earth which causes heat and pressure to rise to the surface.	Energy contained by a magnet to either attract or repel other magnetic objects. It can also cause electrical currents.