

Key term	Definition
conduction	Transfer of thermal energy by the vibration of particles.
convection	Transfer of thermal energy when particles in a heated fluid rise.
convection current	The movement of heated fluids where hot fluid moves upwards, and cold fluid moves downwards.
deform	When an object is stretched or squashed, which requires work.
displacement	The distance an object moves from its original position.
infrared radiation	Radiation given off by the Sun and other objects that brings about energy transfer.
input force	The force you apply to a machine.
lever	A type of machine which is a rigid bar that pivots about a point.
output force	The force that is applied to the object moved by the machine.
radiation	The transfer of energy as a wave.
simple machine	A machine such as a lever or pulley system which changes the size of the force by moving a force over a bigger or smaller distance.
temperature	A measure of the motion and energy of particles.
thermal conductor	Material that allows heat to move quickly through it.
thermal energy store	The store containing energy due to the vibration or movement of particles of a substance.
thermal imaging camera	A camera that absorbs infrared and produces a (false colour) image.
thermal insulator	Material that only allows heat to travel slowly through it.
thermometer	Instrument used to measure temperature.
work	The transfer of energy when a force moves an object through a distance, in joules.