

## Spelling list: Year 8 Energy (copy)

Energy transfers

Conduction	Heat energy travels through a solid from a hot region to a cold region by <b>conduction</b> .
convection	Liquids and gases transfer heat by <b>convection</b> .
radiation	Infrared <b>radiation</b> can transfer heat from the sun to Earth through the vacuum of space.
infrared	<b>Infrared</b> radiation can transfer heat from the sun to Earth through the vacuum of space.
temperature	A measure of how hot or cold something is measured in degrees Celcius.
thermometer	A <b>thermometer</b> is used to measure temperature.
thermal	Heat energy is sometimes called <b>thermal</b> energy – it is the energy needed to make the temperature of something rise.
kinetic	Moving objects have <b>kinetic</b> energy.
Dissipated	Energy that has become spread out or 'wasted' by heating the environment.
insulator	A solid that does not conduct heat easily is called an <b>insulator</b> (e.g. plastic, wood).
emit	The hotter an object is, the more infrared radiation it will <b>emit</b> .
non-renewable	Coal, gas and oil are <b>non-renewable</b> . You cannot easily get more of them when they run out.