

## Spelling list: year 7 science

science

conduction	<b>Conduction</b> is where heat energy is transferred through collisions of nearby particles.
convection	<b>Convection</b> happens when particles with a lot of heat energy move to take the place of particles with less energy.
radiation	<b>Radiation</b> transfers energy in waves.
solid	In a <b>solid</b> , the particles are arranged in a regular pattern.
liquid	In a <b>liquid</b> , the particles are close together but arranged randomly.
gas	In a <b>gas</b> , the particles move quickly in all directions.
particle	In a gas, the particles have lots of energy.
physical	Melting and Boiling are <b>physical</b> changes of a substance.
chemical	In a <b>chemical</b> reaction, bonds are made or broken.
boiling	The <b>boiling</b> point of a substance is when it turns from a liquid to a gas.