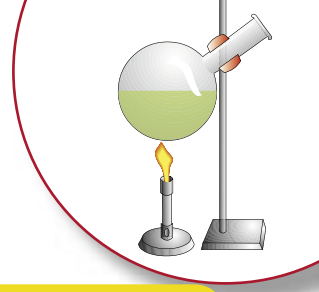


Science Puzzles 9 - 10

Solid, Liquid or Gas?



Definition	What's the word?	Answers
The name for all gases of the Earth's atmosphere together.		air
The gas in fizzy drinks and dry ice.		carbon dioxide
The gas used in party balloons to make them float in the air.		helium
The gas collected along with oil from deep underground and used for heating and cooking.		natural gas
The gas used in hospitals to help patients breath.		oxygen
The unreactive gas that makes up most of our air.		nitrogen
Pockets of gas in a liquid.		bubbles
The mixture of gases surrounding the Earth.		atmosphere
The scientific word meaning "to squash".		compress
The scientific word meaning "when a gas increases in volume".		expand
The _____ of a liquid is the temperature bubbles form inside the liquid.		boiling point
Evaporation, condensation, melting and freezing are examples of a _____.		change of state
To change from a liquid to a gas. For example when clothes dry on a line.		evaporation
This state retains its own shape and has a set volume. Solid, liquid or gas?		solid
This state flows and takes the shape of the part of the container in which it is kept. Solid, liquid or gas?		liquid
This state has no set shape and completely fills its container. Solid, liquid or gas?		gas
To change from a gas to a liquid. For example when water forms on pipes on a cold day.		condensation
Changing from a solid to a liquid. For example when ice is left out of the freezer.		melting
Changing from a liquid to a solid. For example when water is placed in a freezer.		freezing
The degree of hotness or coldness.		temperature

Teacher's notes - Use this resource sheet to enable you to:

1. Use as a worksheet/assessment sheet - Cut off the answers and ask the pupils to identify each definition then check their answers against the answer strip.
2. Use as a reference sheet - Encourage the pupils to use the definitions and answers to design their own crossword or wordsearch on squared paper.