

7G Particle model of solids, liquids and gases

complete the sentence

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

web: www.science-interactive.co.uk

Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

good

three

randomly

diffusion

squashed

particles

fixed

volume

liquid

- a) There are _____ states of matter, solid, liquid and gases.
- b) A solid has a _____ shape and volume with stationary particles that are close together.
- c) A liquid has a fixed _____ but takes the shape of its container, with moving particles that are close together.
- d) A gas has no fixed shape or volume with particles that move _____ at high speeds.
- e) _____ is the spreading out of particles through a liquid or gas.
- f) Gases are _____ easily, because there is space between its particles.
- g) Solids are _____ conductors of heat because their particles are close together.
- h) All material is made from _____ .
- i) Sand is really a solid without a definite shape, so it behaves like a _____ .

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- a) There are three states of matter, solid, liquid and gases.
- b) A solid has a fixed shape and volume with stationary particles that are close together.
- c) A liquid has a fixed volume but takes the shape of its container, with moving particles that are close together.
- d) A gas has no fixed shape or volume with particles that move randomly at high speeds.
- e) Diffusion is the spreading out of particles through a liquid or gas.
- f) Gases are squashed easily, because there is space between its particles.
- g) Solids are good conductors of heat because their particles are close together.
- h) All material is made from particles.
- i) Sand is really a solid without a definite shape, so it behaves like a liquid.