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## STATES OF MATTER

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Solid

Liquid

Gas

Has definite shape and volume	Takes the shape of the container it is in, but volume remains constant.	Particles move at a high speed in all directions.
Does not have definite shape or volume.	Most are invisible. They spread out evenly, as far as possible.	The particles have enough energy to move out of their fixed positions, but not enough energy to move far apart
Has a definite volume but no definite shape.	Does not take the shape of a container in which it is placed	Particles vibrate in place, but you cannot see them moving

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