

Solids, Liquids & Gases

1. What are the three states of matter?

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2. Draw particle diagrams of the 3 states of matter in the boxes below:

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3. How are the particles in a solid arranged and how do they move?

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4. How are the particles in a liquid arranged and how do they move?

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5. How are the particles in a gas arranged and how do they move?

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6. Rank the states of matter in order of strongest forces between the particles

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7. Rank the states of matter in order of energy

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8. Why can the particles in a solid not flow?

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9. Why can the particles in a liquid flow?

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10. Why can the particles in a gas move quickly in all directions?

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