



# States of Matter

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 3

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. Particles in a liquid can slide and \_\_\_\_\_ past each other.
2. When you heat butter, it \_\_\_\_\_ from a solid to a liquid.
3. Putting water in a freezer causes it to \_\_\_\_\_.
4. Steam rising from a pot is water in the \_\_\_\_\_ state.
5. A solid has a definite shape because its particles are \_\_\_\_\_.
6. When a puddle dries up, the water has \_\_\_\_\_.
7. Dew on grass in the morning forms through \_\_\_\_\_.
8. Matter is anything that has mass and takes up \_\_\_\_\_.
9. An ice cube placed in the sun will \_\_\_\_\_ into liquid water.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Evaporation	→ _____	Has no definite shape or volume
Freezing	→ _____	Liquid changes to gas
Condensation	→ _____	Gas changes to liquid
A gas	→ _____	Liquid changes to solid

## Answer Key · States of Matter · Grade: Grade 3

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. Particles in a liquid can slide and flow past each other.
2. When you heat butter, it melts from a solid to a liquid.
3. Putting water in a freezer causes it to freeze .
4. Steam rising from a pot is water in the gas state.
5. A solid has a definite shape because its particles are fixed .
6. When a puddle dries up, the water has evaporated .
7. Dew on grass in the morning forms through condensation .
8. Matter is anything that has mass and takes up space .
9. An ice cube placed in the sun will melt into liquid water.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Evaporation	→ <u>Liquid changes to gas</u>	Has no definite shape or volume
Freezing	→ <u>Liquid changes to solid</u>	Liquid changes to gas
Condensation	→ <u>Gas changes to liquid</u>	Gas changes to liquid
A gas	→ <u>Has no definite shape or volume</u>	Liquid changes to solid