



# 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 solid vibrate in place but do not \_\_\_\_\_ around.
2. A gas has no definite shape and no definite \_\_\_\_\_.
3. When liquid water boils, it turns into water \_\_\_\_\_.
4. You can measure the \_\_\_\_\_ of matter using a balance or scale.
5. A metal spoon is a \_\_\_\_\_ because it keeps its shape.
6. The change from gas to liquid is called \_\_\_\_\_.
7. Cooking oil poured into a bowl takes the \_\_\_\_\_ of the bowl.
8. Temperature tells us how hot or \_\_\_\_\_ something is.
9. Particles in a \_\_\_\_\_ are packed very tightly together.

## Part B: Matching

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

1. Match each item to its correct answer.

Honey	→ _____	Solid
Wooden block	→ _____	Gas
Oxygen	→ _____	Liquid that flows slowly
Lemonade	→ _____	Liquid that flows easily

## 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 solid vibrate in place but do not move around.
2. A gas has no definite shape and no definite volume .
3. When liquid water boils, it turns into water vapor .
4. You can measure the mass of matter using a balance or scale.
5. A metal spoon is a solid because it keeps its shape.
6. The change from gas to liquid is called condensation .
7. Cooking oil poured into a bowl takes the shape of the bowl.
8. Temperature tells us how hot or cold something is.
9. Particles in a solid are packed very tightly together.

### 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.

Honey	→ <u>Liquid that flows slowly</u>	Solid
Wooden block	→ <u>Solid</u>	Gas
Oxygen	→ <u>Gas</u>	Liquid that flows slowly
Lemonade	→ <u>Liquid that flows easily</u>	Liquid that flows easily