States of Matter

Name: _____ Date: _____ Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. You leave a bowl of water outside on a sunny day and it disappears. What happened?

- A) The bowl absorbed the water
- B) The water froze and blew away
- C) The water evaporated into water vapor
- D) The water sank into the bowl

2. Which property do all solids, liquids, and gases share?

- A) They all have a definite shape
- B) They all have mass and take up space
- C) They all flow easily
- D) They all can be seen with your eyes

3. An ice sculpture slowly turns into a puddle at a warm party. Which process is happening?

- A) Evaporation
- B) Condensation
- C) Freezing
- D) Melting

4. Why does a bicycle tire feel firm even though it is filled with air?

- A) The air turns into a solid inside the tire
- B) Gas particles push outward on the walls of the tire
- C) The rubber pulls the air into a solid shape
- D) Air does not take up any space inside the tire

Part B: Fill in the Blank

Write the correct answer on each line.

1. When you melt an ice cube and then freeze it again, you can _____ the change.

2. Liquid water has a definite volume but takes the shape of its _____.

3. Particles in a gas move in all _____ and bounce off each other.

4. A thermometer measures _____, which affects the state of matter.

5. Maple syrup flows slowly because it is a thick _____.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. When you melt an ice cube and then freeze it again, you can **reverse** the change.
2. Liquid water has a definite volume but takes the shape of its **container** .
3. Particles in a gas move in all **directions** and bounce off each other.
4. A thermometer measures **temperature** , which affects the state of matter.
5. Maple syrup flows slowly because it is a thick **liquid** .