

States of Matter Post-Assessment **Answer Key**

1. What are 3 states of Matter?

- a. Solid
- b. Liquid
- c. Gas

2. Is air matter? Explain.

Yes, air is matter because air takes up space. If i blow up a balloon with air it will take up volume or space. Therefore, air is matter even though we cannot see air.

For #3-5, chose an answer from the word bank below.

Word Bank: Melting, Freezing, Condensation, Evaporation

- 3. Freezing is when liquid turns into ice
- 4. Melting is when ice turns into liquid
- 5. Evaporation is when ice liquid turns into gas
- 6. Water boils at 100 °C
- 7. Did Robotics help you understand properties of matter? Why or why not?

Answers will vary.