States of Matter Post-Assessment Answer Key

1. What are 3 states of Matter?
   a. Solid
   b. Liquid
   c. Gas


   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, choose 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.**