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

1. What are 3 states of Matter?
   1. Solid
   2. Liquid
   3. 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

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

Answers will vary.