PhET States of Matter Animation Guided Worksheet

**Click on “Oxygen” in the key in the top right corner.**

1. Increase the temperature to 80K. What happened to the particles when you increased the temperature?
2. What state is the substance currently in?
3. Increase the temperature to 120k. What happen to the particles when you increase the temperature again?
4. What state is the substance currently in?
5. Decrease the temperature back to 80k. What happen to the particles when you decrease the temperature?
6. Decrease the temperature down to 5k. What happen to the particles when you decrease the temperature again?
7. What state is the substance currently in?
8. How do you change a state of matter?
9. What happens to particles in a substance if energy is added?
10. What happens to particles in a substance if energy is removed?