**KEY**

**States of Matter**

Pre/Post Poll-Circle the best answer

1. Matter is anything that takes up \_\_\_\_\_\_\_\_\_\_\_\_\_ and has mass.
   1. Land
   2. Water
   3. **Space**
2. In order for matter to change states, what has to be added or taken away?
   1. Temperature
   2. **Heat**
   3. Air
3. Which two states of matter have a definite volume?
   1. **Solid & Liquid**
   2. Solid & Gas
   3. Liquid & Gas
4. Changing water from a liquid to a solid is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
   1. Melting
   2. **Freezing**
   3. Boiling/Evaporating
5. Changing water from a liquid to a gas is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
   1. Melting
   2. Freezing
   3. **Boiling/Evaporating**
6. Molecules in a gas are moving very fast. They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_energy.
   1. Low
   2. Medium
   3. **High**
7. Molecules in a solid are moving very slow. They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy.
   1. **Low**
   2. Medium
   3. High
8. Give one example of a solid.

**Various responses**

1. Give one example of a liquid.

**Various responses**

1. Give one example of a gas.

**Various responses**

Bonus Question:

A basketball has two states of matter. Describe both. **Solid-leather; Gas-air inside of ball**