

KEY

States of Matter

Pre/Post Poll-Circle the best answer

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

Various responses
- Give one example of a liquid.

Various responses
- 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**