

1. **boiling point:** The temperature at which a liquid changes to a gas.
2. **condensation:** The change from a gas to a liquid.
3. **density:** The mass of a substance divided by its volume is the \_\_\_\_\_ of that substance.
4. **diffusion:** Movement of particles from an area of higher concentration to an area of lower concentration.
5. **evaporation:** To change from a liquid to a gas.
6. **freezing:** Change from liquid to solid.
7. **gas:** A state of matter with no definite shape or volume. Particles not held together and are moving about freely. Will fill up volume by diffusion.
8. **liquid:** A state of matter that has a definite volume but no definite shape. Particles are vibrating and located very close together, however it can flow.
9. **mass:** A measure of the amount of matter in an object. The units are g or kg.
10. **matter:** Anything that has mass and had volume.
11. **melting:** The temperature and pressure at which a solid becomes a liquid.
12. **particles:** Extremely small units of matter.
13. **solid:** A state of matter that has a definite shape and a definite volume. Particles are vibrating and located very close together.
14. **volume:** How much room matter takes up, commonly measured in ml, L, cm<sup>3</sup> and m<sup>3</sup>.