

Vocabulary Matters

1. **Mass** - amount of matter contained in a substance
2. **Matter** - anything that has mass and volume
3. **Heat** - the energy transferred between objects that are at different temperatures
4. **Volume** - amount of space an object occupies
5. **Density** - the measure of mass of a substance per unit volume
6. **Crystal Pattern** - a solid in which all the atoms are arranged in a regular, repeating pattern.
7. **Evaporation** - process in which liquid water changes to water vapor with the addition of energy.
8. **Ductility** - the ability to be formed or pulled into a wire or tube
9. **Melting Point** - the temperature and pressure at which a solid becomes a liquid
10. **Malleability** - able to be bended, shaped, or flattened or hammered flat
11. **Saturation** - a solution that cannot dissolve any more solute under the given conditions
12. **Solubility** - the solubility to dissolve in another substance
13. **Solute** - in a solution, the substance that dissolves in the solvent
14. **Solvent** - in a solution, the substance in which the solute dissolves
15. **Filtering** - a porous material through which a substance is passed in order to separate the fluid from suspended particulate matter.
16. **Heterogeneous** - a mixture that is not mixed evenly and each component retains its own properties
17. **Homogenous** - solid, liquid or gas that contains two or more substances blended evenly throughout.
18. **Law of Conservation of Mass** - states that the total amount of mass and energy in the universe is conserved (does not change)