






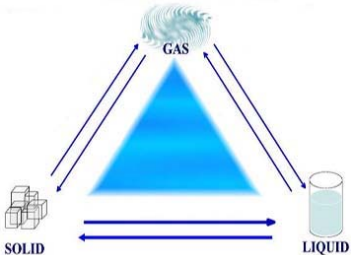


Topic 1 – Exploring Matter

1.  This symbol means ...
- toxic
 - reactive
 - corrosive
 - poisonous
2.  This symbol means ...
- toxic
 - reactive
 - corrosive
 - poisonous
3.  This symbol means ...
- toxic
 - reactive
 - corrosive
 - poisonous
4. Even in modern times scientists can die because they don't follow safe lab techniques. When working with toxic metal poisons it is **not safe** to wear ...
- safety goggles
 - latex gloves
 - neoprene apron
 - safety shoes
5. The particle model helps us to understand about the state of a substance by the number of particles that appear to be moving and the relative spaces between the particles. A liquid substance would be represented most likely by model ...
- A.  B.  C.  D. 
6. When a substance undergoes a change of state it can use energy or give off energy. The change that occurs when a substance changes **from a liquid to a gas** is referred to as ...
- deposition
 - sublimation
 - vaporization
 - condensation
- 
7. The Particle Model of Matter is useful in explaining the differences among solids, liquids, and gases. This type of matter always fills whatever container it is in.
- gas
 - solid
 - liquid
 - plasma
8. Concrete is a mixture that would best be classified as ...
- colloid
 - solution
 - suspension
 - mechanical
9. Brass is a solution that is best classified as ...
- element
 - solution
 - compound
 - mechanical
10. A colloid is a heterogeneous mixture that is composed of fine particles evenly distributed throughout another substance. An example of a colloid is ...
- milk
 - mayonnaise
 - flour in water
 - hair gel