

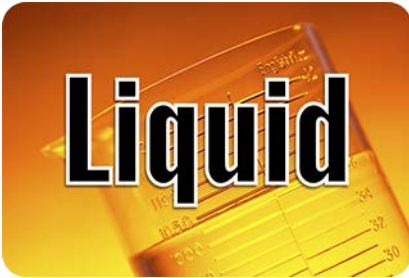
## Module 5: Minerals

### Topic 1 Content: States of Matter Rollover Notes



#### Gases

Gases have indefinite shape and volume. Gases take the shape and size of the container in which they are stored. Molecules of gas move around at high speeds and diffuse quickly.



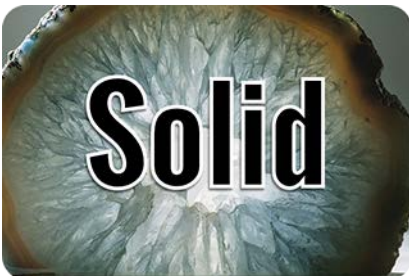
#### Liquids

Liquid matter has definite volume, but the shape of the liquid is determined by the shape of the container in which it is stored. The atoms in liquid matter are more spaced out than in solid matter, allowing the liquid to change shape fluidly.



#### Plasma

Plasma, like gases, has an indefinite shape and volume. Plasmas are made of ionized gas particles. This means that they carry a charge. The Sun is an example of plasma. Lightning strikes are another example of plasma.



#### Solids

Solids have a fixed or definite shape and volume, like a rock or mineral. The atoms in solid matter are packed very closely together, which creates its form and structure.