# States of Matter

## Solid

* Fixed Shape
* Fixed Volume
* Particles: Tightly Packed
* Example: Ice

## Liquid

* Variable Shape
* Fixed Volume
* Particles: Close but move freely
* Example: Water

## Gas

* No Fixed Shape
* No Fixed Volume
* Particles: Spread out, move rapidly
* Example: Oxygen

## Plasma

* High-Energy State
* Ionized Particles
* Conducts Electricity
* Example: Stars