

# States of Matter

## Liquid

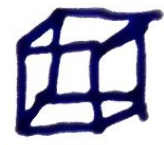
- definite volume
- no definite shape... takes shape of the container



- particles will move more freely than a solid
- Ex. - juice, water, soda, vinegar

## Solid

- definite shape
- definite volume
- particles will vibrate/move the least



Anything that has mass and volume.

## Gas



- Ex. O, N, CO<sub>2</sub>, air

- no definite shape or volume
- particles have the most freedom to move

## Plasma

gas @ very high temps.

- Ex. space, stars, lightning
- same properties as a gas