

# Heating and Cooling Notes

## Observations

Things we know because we have seen evidence of its existence.

## Inferences

Things we think based on what we know from our observations.

## Phase Change

When matter changes the state it is in.  
(solid, liquid, gas)

\*Depends on how much energy the atoms have\*

# Heating and Cooling Notes

## Molecules-

Atoms bonded together

Ex)  $H_2O$  Water

$NaCl$  Salt

<http://www.youtube.com/watch?v=83uBVif653Y&feature=fvw>  $H_2O_2$  Hydrogen Peroxide

## Matter-

Anything that takes up space  
and has a mass

"STUFF"

# Heating and Cooling Notes

## Expansion-

Increasing in size

## Contraction-

Decreasing in size



## Phase Change-

Changing from one state of matter to another.

(Solid, Liquid, Gas)