

Phase Change Equations

Increase in heat energy

Decrease in heat energy

① melting
solid → liquid

① freezing
liquid → solid

② evaporation
(boiling, vaporization)
liquid → gas

② condensation
gas → liquid

③ sublimation
solid → gas

③ deposition
gas → solid

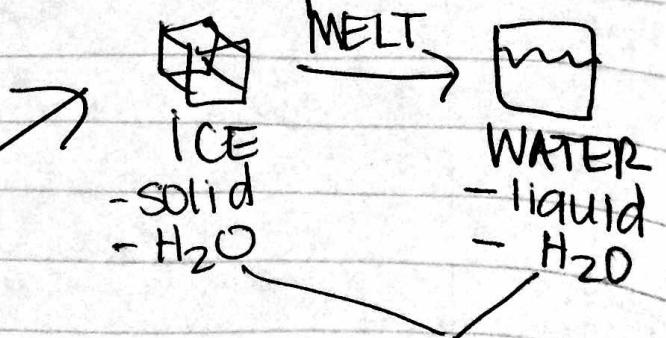
For all in this column,
molecules are speeding up.

For all in this column,
molecules are slowing down.

Physical Change

All phase changes are examples of physical change because there IS NO change in chemical make-up!

Example:



NO change
in chemical
make-up!