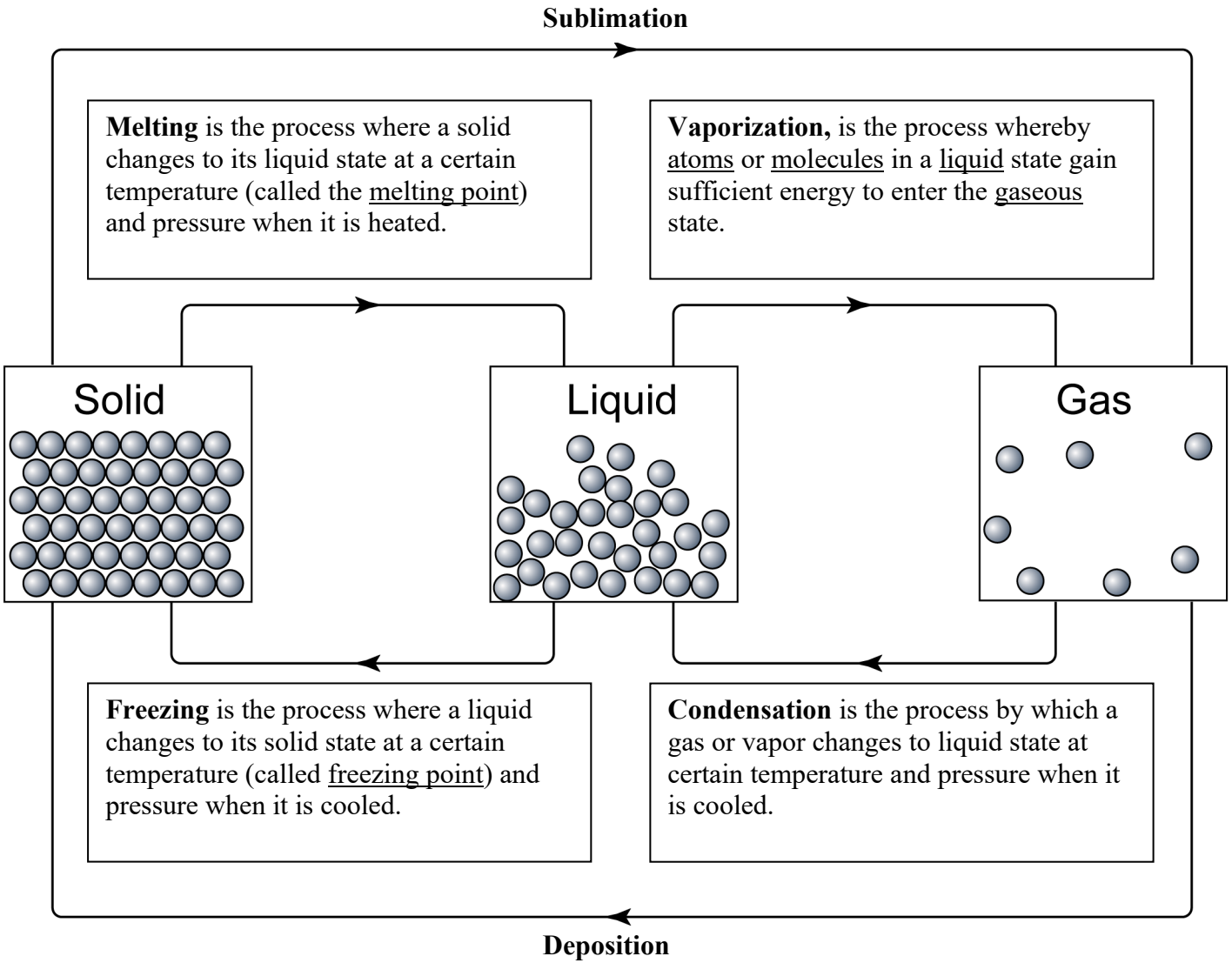
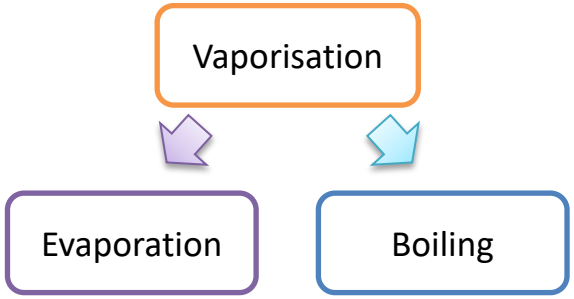
Change of States

Inter-conversion between States of Matter





Boiling is the vaporization of a liquid at a certain temperature (the boiling point) and pressure when heat is applied to it. **Evaporation** is the process of converting a substance (such as water) from its liquid state to its gaseous state at temperature lower than the boiling point of the liquid.

Sublimation

1. **Sublimation** is a process of conversion of a substance from the solid to the vapour state without its becoming liquid.
2. Substances that undergo sublimation at 1 atmospheric pressure are
   a. dry ice (Solid carbon dioxide)
   b. iodine
   c. ammonium chloride
   d. naphthalene