

## Polarity, Intermolecular Forces and Phases Concept Review Sheet

Understand the following concepts:

- Polar Bonds
- Polar Molecules
- Dipoles
- Intermolecular Forces
- Cohesion
- Adhesion
- Volatility
- Boiling Point
- Freezing Point
- Colligative Properties
- Phases of Matter
- Phase Changes

Be able to relate the following concepts:

- Molecular Polarity => IMF's => Physical Properties of Substances
  - Cohesive Forces, Adhesive Forces, Volatility, Boiling Point
- Energy and Temperature and Phases of Matter during heating and during phase changes

Be able to draw LDMS for molecules and include arrows indicating polarity