

The Magic of Water

I. Properties of Water

A. Polar

- 1. Atoms of molecules have unequal pulls on electrons, creating a positive end and a negative end**

B. Non-Polar

- 1. Electrons are shared equally creating no pulls**

C. Cohesion

- 1. Water molecules are attracted to water molecules**

D. Surface Tension

- 1. Water molecules at the surface are more attracted to each other than to other molecules (air)**

E. Adhesion

- 1. Water molecules are attracted to other molecules**

F. Capillary Action

- 1. Movement of water through tubes and porous materials**