

2/10/2014 Biology 3

The Chemistry of Life

- Before we can talk about cells, we need to learn about the chemistry of cells

Learning Objectives

- Understand water's features - support life
- Describe ~~carbs~~ Carbs - structure & functions
- Describe lipids - structure & functions
- Describe proteins - structure & functions
- Describe nucleic acids - structure & functions

- water has a combo of 4 unique properties

- cohesion & adhesion

- heat ^{large} capacity

- low density as a solid

- good solvent