**C. World of Water Key Terms and Ideas** Ast#C1

**Chapter 8 – The Nature of Water, by Shreeves (pgs. 2-22)\***

**Chapter 15 – The World of Water, by Greene (all pages)**

**\*SWBAT**

-**Discuss** Earth’s water cycle and water budget.

**-Understand** the many unique properties of water including:

**-Explain** the basic chemistry of water as a solvent.

**-Describe** the importance of pH to water chemistry.

**-Discuss** the sources of, and variations in, the ocean’s salinity.

**Key Terms**

Water Cycle

Polar molecule

Hydrogen bonds

Covalent bonds

Cohesion

Adhesion

Viscosity

Surface tension

Ice floats

Mixture

Solution

Homogeneous mixture

Heterogeneous mixture

Colloid

Solvent

Salinity

Sea salts

Colligative properties of seawater

Why the seas are salty

Properties that affect seawater density

Factors that affect seawater’s pH