

Name: _____ Unit 3: Weather, Climate & The Atmosphere

NOTES: 3.03

FOCUS: The Water Cycle

ESSENTIAL QUESTION: Can you describe the Water Cycle and explain how it affects weather and climate?

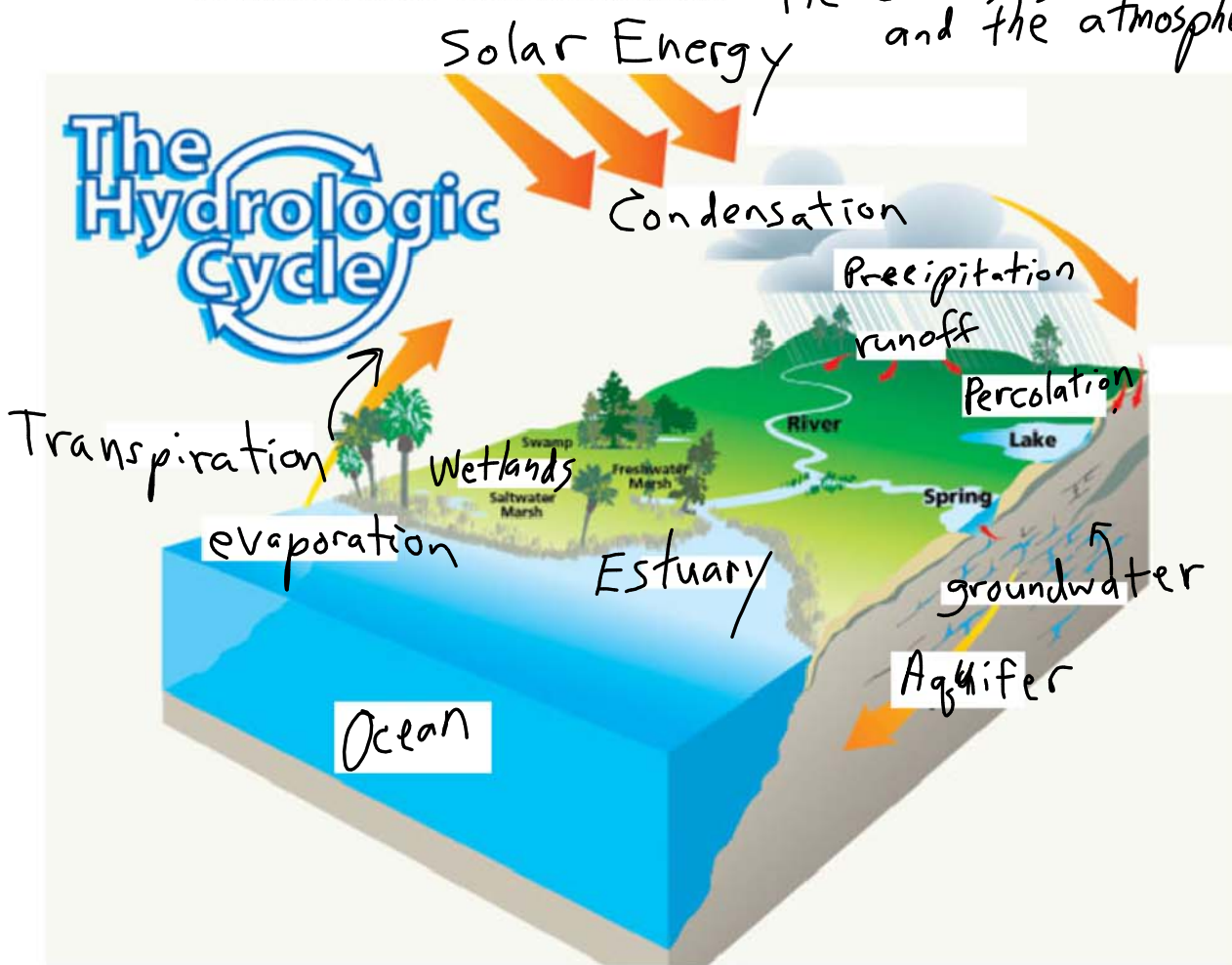
What do you already know?

- Weather is the state of the atmosphere at a given time and place.
- Water is an important part of the atmosphere in the form of clouds, rain, sleet, snow, hail, and water vapor.
- The amount of water vapor in the air is called the humidity

What is the Water Cycle?

- The Water Cycle (AKA – The Hydrologic Cycle) is:

The continuous cycling of water between the earth's surface and the atmosphere.



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- The Water Cycle began very early on in Earth's history and has been continuing for billions of years.
- The amount of water on Earth is nearly constant because it is simply recycled through the Water Cycle.
- Pollutants in water become part of the Water Cycle when they enter the water supply, negatively affecting both the water on earth and the quality of the atmosphere.

Reaction Notes 3.03: Create a two-door foldable to review the important vocabulary needed to learn the water cycle.

- On the front left flap, you'll list the important vocabulary words.
- On the front right flap, you'll draw a picture or diagram that will help you remember the definition of the word.
- On the inside, you'll write the definition of the word. Definitions can be found in the blue 8th grade Science Explorer textbook, in a dictionary, or with the help of reliable internet resources (avoid using sites like Ask.com).
- If you write large, you can create two foldables, splitting the words between them.

Terms:

EVAPORATION
 TRANSPIRATION
 CONDENSATION
 PRECIPITATION
 RUNOFF
 FRESHWATER
 GROUNDWATER