**Understanding the Hydrological Cycle**

**Earth Science, Mr. Lanik**

Please use your laptops to answer the following questions.

1. Go to the website <https://www.usgs.gov/media/images/water-cycle-natural-water-cycle>

And examine the picture of the water cycle. In a single sentence, describe what the water cycle is:

What is the hydrologic cycle? (You might need to look this up on Google).

Grab some colored pencils from the back of the room and make a sketch of the water cycle in the space below. Include the following things on your diagram: Evaporation, Condensation, Precipitation, Ocean, Clouds, Lakes, Rivers, Groundwater, Infiltration, Snow/Ice, Glacier, Transpiration (plant uptake).

The website <http://www.watershedatlas.org/watershed/fs_watercyclens.html>

is the resource that you should use to find the requested information for the next section. Define each of the following terms, and then write a sentence in which you explain the role that the term plays in the water cycle.

Transpiration-

Infiltration-

Soil Retention-

Aquifer-

Water Table-

Vegetation-

Runoff-

Sunlight-

**Human Impacts on the Water Cycle**

Open this link to read and learn about some of the ways that human activities impact water quality.

<http://watershedatlas.org/watershed/fs_watercyclehi.html>

For each item listed below, describe ONE way that the activity potentially harms water systems.

Logging:

Mining:

Septic Fields:

Agriculture:

Urban Development:

Industrial and Household Chemicals:

Air Pollution: