**Water Cycle Project Honors**

**Directions:**

For This Project, you will be drawing a diagram of the water cycle. You must draw out all of the stages with arrows and label the steps. Use at least four (4) different colors!

\*\*\*Make sure to use **ALL** of the terms below **IN YOUR DIAGRAM**!

Use the diagrams to help you get started, and use all of the terms in your diagram. Page 159 in text may help you with the drawing

**Terms to use on your diagram (you must use all of them):**

* Hydrologic Cycle:
* Water Table:
* Groundwater:
* Aquifer:
* Confined Aquifer:
* Unconfined Aquifer:
* Ocean:
* Evaporation:
* Condensation:
* Ground Water Flow (subsurface runoff):
* Runoff (surface runoff):
* Transpiration:
* Salt Water Intrusion:
* Infiltration:
* Precipitation:

 **Analysis Questions: Answer the following question on the back of your paper.**

 1. Write down the definitions in your diagram or on the back of your paper so you have them available.

2. What is the source of energy for the water cycle?

 3. Describe how water moves through the water cycle.

 4. From what sources does water evaporate?

 5. What effects do you think cutting down a forest would have on the water cycle?

 6. Is the rate of evaporation or transpiration constant over a 24 hour period? Why or why not?