Go to my webpage and click on the URL. It should look like this:

<http://ga.water.usgs.gov/edu/index.html>

**Review by clicking on “investigate the water cycle”. On the last page of this handout, match the letters to their answers.**

**Return to the index page and then proceed to “Water Use” on the little pipe-line in the middle of the page.**

1. What two states used the most water in 2005? (you can find the answer on a map)

2. In 2005, what were the top 3 water uses (withdrawal) categories?

3. How much water was used per day for “public supply”?

**At the water use page,** [**http://ga.water.usgs.gov/edu/wuww.html**](http://ga.water.usgs.gov/edu/wuww.html) **read the first few paragraphs on what wastewater is and why we need to treat it.**

3. What are the sources of wastewater in our homes (list the 6 in the paragraphs).

4. Where else, other than our homes, does wastewater come from?

5. What are the 4 reasons given for why we should treat our wastewater?

6. How much of the suspended solids in wastewater does “primary treatment” remove?

7. How much suspended solids does “secondary treatment” remove?

**Click on the link at the bottom of the page that will take us on a “visit to a wastewater treatment plant”.**

8. List the 6 main processes of wastewater treatment and briefly describe what each does.

(1)

(2)

(3)

(4)

(5)

(6)

9. What happens to all the “stuff” (residuals) we remove from wastewater?

**At the bottom of the page, click the link for “water science home page”.**

**Go to the activity center, Click on “Questionaires”and answer *“what kind of water do you drink at home?”***

10. What percent of Illinoisans drink their water from the tap?

11. What percent of people from ND don’t know where they drink from?

**Answer the next questionnaire “where does your home drinking water come from?”**

12. What percent of Illinoisans don’t know where their drinking water comes from?

13. What percent of those in Wyoming don’t know where their water comes from?

**Answer the last questionnaire, “How much water do you use in a typical day?”**

14. Well? How much was it?

15. What activity of yours uses the most water?

**Go back to the activity center and do the challenge questions. Summarize your findings below:**

**Take the True/False quizzes and record your scores below:**

**Your water properties quiz score:**

**Your ground water quiz score:**

**(after that you may browse around this web site ONLY)**