Name ____________________________________________

**Map Comparison Worksheet**

Examine the *Texas Precipitation Map* and answer the following questions:

1. What do the different colors represent? Precipitation/Rainfall amounts
2. In which region of Texas will you find the most precipitation? East
   In which region of Texas will you find the least precipitation? West

Examine the *Texas Rivers Map* and answer the following questions:

3. What does this map illustrate? Rivers of Texas, you might initiate a discussion of surface water because at the end of the lesson they will be focusing on the underground supplies of the aquifers.
4. In which region of Texas will you find the most rivers? East
5. In which region of Texas will you find the least rivers? West

Examine the maps *Total Population Growth in Texas Counties* and answer the following questions:

6. Overall, the majority of Texas population is located in what region of Texas? East
7. What is the first year of measurable population in West Texas? 1860
8. In what year did most West Texas counties transition from 0 population to .1 %? 1880
9. Look specifically at the years from 1900 to 1930 - does the population of West Texas increase or decrease? Increase
10. Using your knowledge of Texas History, what things might have occurred to encourage settlement in West Texas. Encourage all answers Indian Removal, general westward expansion, windmills, irrigation

**Making Inferences**

11. What natural resources of West Texas were overlooked or unused until the late 19th century? Expect them to say land and hopefully the aquifers

The remainder of work will be required while examining *The Major Aquifers of Texas*. The directions for this section are within the lesson plan under the EXPLAIN.
Definition for Aquifer: an underground layer of porous rock, sand, etc. containing water, into which wells can be sunk.

The students are to illustrate an aquifer.

The following websites have nice illustrations:

http://ga.water.usgs.gov/edu/earthgwaquifer.html

http://www.aermotorwindmill.com/Links/Education/Index.asp