

World Population 911 (est.) until High School graduation

For the past nine months your class has been following the World population growth and charting the growth on a map of the United States. For your end of school project you are going to project this growth rate for the remainder of your junior high and high school years.

1. **Finish this year.** Your first job is to calculate the World population **for the rest of your 7th grade year** and color in representative states population. (You will do this in class unless you are absent)
(IF Absent) Use the formula 0.33×9 months world pop. growth = the next 3 months of pop. growth (est). Next, color in more states to equal this increase in population on your Pop 911 map.
[Assume the World population increase will stay the same for the next 5 years....It won't.]
2. **Resources:** Go to the following resources to get populations for the US, Canada & Mexico.
USA: <http://quickfacts.census.gov/qfd/index.html>
Canada: <http://www40.statcan.ca/l01/cst01/demo30a-eng.htm>
Mexico – <http://www.crwflags.com/fotw/flags/mx%28.html>
3. **8th grade year.** Use the TOTAL population increase for your 7th grade year & the resources (End population after 12 months – start population).
 - **Create a key** for each year's color (8th one color, 9th another etc....
 - Now color in enough states to equal the est. increase in population for 8th grade.
4. **9-12 grade years.** Repeat coloring in population on the map(s) for your **9th, 10th, 11th, and 12th grade year**, then turn in map(s) to your instructor by the assigned due date.

***The Final Extra Credit!!!* Where Does My _____ Come From – Go to?**

1. Where does your **drinking water** come from?
2. Where does your **wastewater** go to?
 - a. Name/Location of the **Treatment Plant**
 - b. Location **where treated wastewater enters Puget Sound.**
3. Where does your **surface water** go?
 - a. What **creek** does our surface water flow into?
 - b. What **river** carries our surface water on its way to Puget Sound?
 - c. **What lake** carries our surface water on its way to Puget Sound?
 - d. Where does our surface water **enter Puget Sound**?
4. Where does your **waste** go to?
 - a. **Yard waste** (Name & Location)
 - b. **Recycling** (Name & Location)
 - c. **Solid Waste** (Name & Location)
5. Where does your **electricity** come from?
 - a. Tell all the types of electricity producing energy sources your utility uses. (Solar etc..)
6. Where does your **natural Gas** come from?
 - a. Where are the natural gas wells located
 - b. Where are the two places your natural gas is stored?