

Lab: U.S. Population Graph

1. Turn paper to landscape orientation. Holes up.
2. Make your starting point for the axis at 5 lines up from the bottom and 5 lines over from the left.
3. Set up your graph so that the “X” axis (bottom) goes from 1790 to 2050 by tens. Label the vertical lines, not the spaces! Write “YEARS” below the numbers.
4. Set up the “Y” axis (left side) so that it goes from 0 to 500 by twenties. Label the horizontal lines, not the spaces! Write “POPULATION IN MILLIONS” on the side next to these numbers.
5. Graph the data on the right of this page using a dot for each point.
6. Connect the dots from 1790-1990.
7. **Label** the following dates on your line graph with a bracket.
 - 1861 -1865: U.S. Civil War
 - 1918 -1920: World War I and Flu Epidemic
 - 1929 -1945: Depression and World War II
 - 1946 -1960: “Baby Boom”
8. **Label** your birth-year, a parents’ birth-year, and a grandparents’ birth-year on the line graph with a 😊 and name.
9. Answer the following questions and directions on the back of your graph:
 - a) Look at your line graph and see if the marked time periods had any effect on the population growth in America. Write about how events in history have affected the population growth.
 - b) Describe how the increase in population has affected our use of natural resources.
 - c) Write down the population of the U.S. at the time of your birth and the births of your parent and grandparent.
 - d) What will the population of the U.S. be when you are 40 years old?
 - e) What natural things can affect how quickly our population grows?
 - f) Are there things we can do to help our natural resources last longer? What are they?
 - g) What is the effect of the growth of the U.S. and world population on other species?

Year	Population in millions
1790	4
1800	5
1810	7
1820	10
1830	13
1840	17
1850	23
1860	31
1870	38
1880	50
1890	63
1900	76
1910	92
1920	106
1930	123
1940	132
1950	151
1960	179
1970	203
1980	226
1990	250
2000	281
2010	310
2020	341
2030	373
2040	406
2050	439