

Name: _____ Period: ____ Date: _____

Environmental Science
3-1: Cemetery Demographics Lab

This assignment uses a graph of the cemetery demographics data that we collected outside, which is available here: [Cemetery Demographics Graphs](#). Please answer the following questions using complete sentences:

1. What differences exist, if any, between the survivorship curves of males and females? Explain why you think this is the case.

2. What differences exist, if any, between the survivorship curves of people who died before 1950 and those who died after 1950? Explain why you think this is the case.

3. Besides age and gender, what is another demographic statistic that you think we could collect to look for differences in life expectancy? Explain how you could collect this data.

4. Having a large number of people collect a lot of data has its benefits and challenges.
 - a. Identify and describe one advantage to combining the cemetery data collected by all the students in all four classes of Environmental Science.

 - b. Identify and describe one problem or shortcoming with our cemetery data collection methods.

5. Are humans generalists or specialists? Why do you think so?

6. Are humans K-selected or r-selected? Why do you think so?

7. Based on your understanding so far, which contributes more to human population growth: adults living longer, or more children surviving to adulthood? Why do you think so?