Your Project, should you choose to accept it, is:

You will need 2 questions.
Questions need to be data driven and have an expected normal distribution.

1 - Expect a difference between Sr and Jr.
2 - Do not expect a difference

When you get your data you will need to find the standard deviation for each data set.

You will now have to determine if the data is roughly normal. To do this you will need to find the % of students within 1 sigma, 2 sigma, and 3 sigma and compare your % to the expected % in a normal curve. In your conclusion can you be confident that your data is normally distributed?

Are your assumptions about gathering normal data valid?
        Find the sigma for each class, and the sigma for the classes combined. Were your assumptions about age dependent questions valid?

I expect to be emailed a .pdf with a tally chart inserted. A bar graph of each of your data sets. I expect questions and conclusions to be written. I want you to share the spreadsheet where you did your calculations (needs to be done with formulas).

You will also need to make a presentation where you summarize your conclusions.

You will be graded on the professionalism of you work. Make it look nice. Use full sentences and adhere to proper grammar conventions. Part of your mark for this unit is digital proficiency. You need to be able to show me that you can use a computer and and submit professional quality work.

Make it good. Make it pretty.