

AP Statistics
Summer Assignment

You should pick up the “Exploring Data” workbook in the math office before the end of the school year.

Then, my expectation is that you will know how to do topics covered in the “Exploring Data” workbook the first day of class. For each section, you should hand in at **least one** application. This assignment will be worth half a test grade and will be collected on the first day of school.

The topics you should learn/review are:

1. Line plots (a.k.a. dot plots)
2. Stem-and-leaf plots (a.k.a. stem plots)
3. Back to Back stem plots
4. Mean
5. Median
6. Mode
7. Outliers
8. Box Plots (a.k.a., box and whisker plots)
9. Scatter plots
10. Lines on Scatter plots (a.k.a. regression lines)
11. Smoothing Plots Over Time