

AP Statistics Summer IXL Assignments

Please complete all IXL assignments up to an 80% by the end of summer break

7th Grade: (Should be under Data & Graphs section)

- Interpret line plots
- Interpret stem-and-leaf plots
- Create stem-and-leaf plots
- Interpret bar graphs
- Interpret histograms
- Create histograms
- Interpret circle graphs
- Box plots

8th Grade: (Should be under Two-variable Statistics section)

- Interpret scatterplots
- Create scatterplots
- Identify trends with scatterplots
- Make predictions with scatterplots
- Outliers in scatterplots
- Identify lines of best fit
- Write equations for lines of best fit

(Should be under Probability section)

- Probability of simple events
- Probability of opposite, mutually exclusive, and overlapping events
- Experimental Probability
- Compound events: find the number of outcomes

Algebra 1: (Should be under Single-variable Statistics section)

- Identify biased samples
- Mean, median, mode, and range
- Calculate quartiles and interquartile range
- Identify an outlier and describe the effect of removing it
- Permutation and combination notation (**Probability Section**)