

# AP Statistics Summer IXL Assignments

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

## 7<sup>th</sup> Grade:

- BB1: Interpret tables
- BB2: Interpret line plots
- BB5: Interpret stem-and-leaf plots
- BB6: Create stem-and-leaf plots
- BB7: Interpret bar graphs
- BB9: Interpret histograms
- BB10: Create histograms
- BB12: Interpret circle graphs
- BB16: Box plots
- BB18: Make predictions with scatter plots

## 8<sup>th</sup> Grade:

- EE1: Probability of simple events
- EE6: Compound events: find the number of outcomes

## Algebra 1:

- KK1: Identify biased samples
- KK2: Mean, median, mode, and range
- KK3: Calculate quartiles and interquartile range
- KK8: Interpret a scatter plot
- KK12: Scatter plots: line of best fit

## Algebra 2:

- DD1: Introduction to probability
- DD2: Calculate probabilities of events
- DD3: Counting principle
- DD4: Combinations and permutations
- EE2: Write a discrete probability distribution
- FF2: Variance and standard deviation
- FF3: Identify an outlier
- FF4: Identify an outlier and describe the effect of removing it
- FF5: Outliers in scatter plots