



Data Analysis and Probability

Students learn to collect, organize, display and analyze relevant data to answer formulated questions.

- ◆ Represent data using concrete objects, pictures, tables and graphs such as line plots, bar graphs, and line graphs and compare different representations of the same data and related data sets
- ◆ Use measures of center, focusing on the median, and understand what each does and does not indicate about the data set
- ◆ Propose and justify conclusions and predictions that are based on data
- ◆ Describe events as likely or unlikely and discuss the degree of likelihood using such words as certain, equally likely, and impossible
- ◆ Predict the probability of outcomes of simple experiments and test the predictions
- ◆ Understand that the measure of the likelihood of an event can be represented by a number from 0 to 1