

4th Grade

Units 1 & 5:

Gathering and Using Data to Predict

Learning Targets:



- Identify categorical, numerical, manipulated, responding, and fixed variables
- Determine appropriate values for a variable
- Make and interpret point graphs
- Draw and interpret best-fit lines
- Collect, organize, and display data effectively
- Find the mean, median, mode, and range of a set of data
- Identify, use, and explain variables in given situations
- Use patterns in data tables and graphs to make predictions
- Use a trend sentence to describe data
- Measure length in inches and centimeters
- Use a spreadsheeting program to display data and create a graph

Key Vocabulary:

average

best-fit line

categorical variable

data

fixed variable

interpolation

extrapolation

manipulated variable

mean

median

mode

numerical variable

range

responding variable

trend sentence

value

variable

