

INTEGRATED MATH 2 - KEY OBJECTIVES

STATISTICS

WHAT:

Calculate Statistical Measures:

- Calculate measures of central tendency (mean, median, mode) for discrete data, by hand or by using the calculator. (Section 8E, 8I)
- Calculate measures of spread, including the range and interquartile range. (Section 8G)
- Identify the lower and upper quartiles of a set of data, by hand or by using the calculator. (Sections 8G, 8I)

Represent and Interpret Data:

- Represent and interpret data using bar graphs. (Section 8B)
- Represent and interpret data using stem-and-leaf plots. (Section 8C)
- Represent and interpret data using histograms. (Section 8D)
- Represent and interpret data using cumulative frequency graphs. (Section 8F)
- Represent and interpret data using box-and-whisker plots. (Section 8H)

WHY:



How does an understanding of statistics help you to interpret what you read and hear?

How does Statistics influence your perceptions of the world?

