Math Strategies 1

Q3 - Pletcher
2024

GOOGLE Classroom JOIN : dj3ohyo

Display

Week Feb 5-9, 2024

A-Monday: Studyisland.com Comparison Section - finish work from Friday with substitute. From login report, all logged in but only 1 finished a session for reporting.

B-Tuesday: Place pennies on number line to show spread. Do a comparison box whisker plot. Write 5 sentences about pennies. Add pennies so show outlier effect and moving measures.

A-Wednesday - Complete the 10.7 Worksheet Warmup & Practice A

B-Thursday - Complete the 10.7 Worksheet Puzzletime & Practice B

A-Friday - Bring in a Food snack or cereal to share. The nutritional values need to be present such as sugar grams, calories etc. We will make a comparison report on this.

DATA SAMPLING objectives from Math PSSA 7th grade

These will be covered the first 3 weeks of term.

PA Grade 7, Math Anchor

M07.D-S.1.1.1

Determine whether a sample is a random sample given a real-world situation.

M07.D-S.1.1.2

Use data from a random sample to draw inferences about a population with an unknown characteristic of interest.
Example 1: Estimate the mean word length in a book by randomly sampling words from the book.
Example 2: Predict the winner of a school election based on randomly sampled survey data.

M07.D-S.2.1.1

Compare two numerical data distributions using measures of center and variability.
Example 1: The mean height of players on the basketball team is 10 cm greater than the mean height of players on the soccer team. This difference is equal to approximately twice the variability (mean absolute deviation) on either team. On a line plot, note the difference between the two distributions of heights.
Example 2: Decide whether the words in a chapter of a seventh-grade science book are generally longer than the words in a chapter of a fourth-grade science book.

- Range, Interquartile Range
- Various charts/plots
- Box plot create/interpret (min, Q1, median, Q3, max)
- Mean, Mode, MeanAbsolute Deviation