

Summarizing Numerical Data Sets

Today's Standard

6.SP.B5 - Summarize numerical data sets in relation to their context, such as by:

Real-World Applications for this Standard

Analyzing test scores to determine class performance; Summarizing survey results to understand public opinion; Evaluating sports statistics to compare player performance; Interpreting weather data to predict future conditions

Today I Learned

Today, we learned how to summarize data sets, like finding the average score of a test or the most common survey answer.

Common Stumbling Blocks

Some kids think all data points are equally important, but we use things like averages to find the most important ones. Others think we should always include weird data points, but sometimes it's better to leave them out.

Quiz Me

- What is an average?
- What is the middle number in a data set called?
- What is the most common number in a data set?
- What do we call numbers that are very different from the others?
- Why do we summarize data?

Help Me

Summarizing data helps us understand lots of information quickly. For example, if you have test scores for the whole class, finding the average score tells us how the class did overall. Sometimes, certain scores are very different from the rest, and we might leave those out to get a clearer picture.