

Numerical Data Plots

Today's Standard

6.SP.B4 - Display numerical data in plots on a number line, including dot plots, histograms, and box plots.

Real-World Applications for this Standard

Analyzing class test scores using dot plots; Visualizing daily temperatures with histograms; Comparing students' heights using box plots

Today I Learned

Today, we learned how to show numbers on a number line using different types of graphs like dot plots, histograms, and box plots.

Common Stumbling Blocks

Sometimes kids think all numbers on a line must be equally spaced, but they don't. They might also mix up which graph to use, but practice helps!

Quiz Me

- What is a dot plot?
- Can you show me a histogram?
- What does a box plot look like?
- Why do we use number lines?
- Can you tell me how to make a dot plot?

Help Me

We use dot plots, histograms, and box plots to show numbers. This helps us see patterns and understand data better. For example, we can use a dot plot to show how many pets students have.