



Data Representation Techniques

Today's Standard

HSS.ID.A1 - Represent data with plots on the real number line (dot plots, histograms, and box plots).

Real-World Applications for this Standard

Analyzing survey results; Comparing test scores; Visualizing population growth; Tracking stock market trends; Monitoring weather patterns

Today I Learned

Today, we learned how to show data using dot plots, histograms, and box plots. These are special ways to look at numbers and understand what they mean.

Common Stumbling Blocks

Sometimes kids think any type of plot can show any data, but that's not true. Each plot is good for different kinds of data. Also, kids might mix up the different plots. We can help by showing clear examples.

Quiz Me

- What is a dot plot?
- Can you show me a histogram?
- What does a box plot look like?
- Which plot shows data points?
- Which plot uses bars to show data?

Help Me

We use dot plots, histograms, and box plots to look at data in real life. For example, we might use a histogram to see how many people got different scores on a test or a box plot to see the range of temperatures in a week.