



Scatter Plot Relationships

Today's Standard

HSS.ID.B6 - Represent data on two quantitative variables on a scatter plot, and describe how the variables are related.

Real-World Applications for this Standard

Analyzing the relationship between hours studied and test scores.; Examining the correlation between temperature and ice cream sales.; Investigating the connection between exercise duration and calories burned.; Exploring the relationship between advertising spend and sales revenue.

Today I Learned

Today, we learned about scatter plots. These are graphs that show how two things, like hours studied and test scores, are related. We can see if one goes up when the other goes up.

Common Stumbling Blocks

Sometimes, kids think scatter plots always show a straight line, but they can also show curves. Also, just because two things are related doesn't mean one caused the other.

Quiz Me

- What is a scatter plot?
- Can a scatter plot show a curve?
- Does a scatter plot always show a straight line?
- If two things are related, does it mean one caused the other?
- What can we learn from a scatter plot?

Help Me

A scatter plot is a graph that helps us see if two things are related. For example, we can use it to see if studying more hours means getting higher test scores. This is useful in many real-life situations, like understanding weather patterns or business sales.