



## Visualize Technical Data

### Today's Standard

9-10.RST.7 - Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.

### Real-World Applications for this Standard

Creating graphs from scientific data; Interpreting data tables in lab reports; Converting equations into descriptive text; Designing infographics for technical information; Analyzing visual data in research articles

### Today I Learned

Today, we learned how to change information from words into pictures like charts and graphs, and how to explain pictures and math in words.

### Common Stumbling Blocks

Some kids might think pictures are always easier to understand than words, but that's not true. Also, they might think all pictures should be turned into words, but sometimes pictures explain things better.

### Quiz Me

- What is a chart?
- Can you show me a graph?
- How do you explain a picture in words?
- What is an equation?
- Why do we turn words into pictures?

### Help Me

We use charts and graphs to help understand information better. For example, a weather chart can show rain and sun for the week, which is easier to see than reading lots of words about the weather.