

Qualitative Graph Stories

Description

This is quick activity to get students used to sharing with each other and with the class. Students are shown a basic graph that relates distance and time. The students make up a story that the graph could represent. It gives an opportunity to also introduce some basic math terminology on the first day.

Susan Snow created two great worksheets with these types of graphs and questions. The Graphs are given below.

- Graphically Speaking Walk Home and Graphically Speaking Cyclist
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Prep Work

Print the graphs so you can project them on a document camera.

Instructions

- **Pre Activity**

None

- **Activity**

- Put one of the graphs up on the data projector at a time and have students in groups of two tell each other a story that could make sense using the graph.
- Ask if anyone had a really great story. Have that person introduce themselves to the class and tell the story. You can ask questions about how they saw that part of the story and it can lead to some discussion of characteristics of the graph such as slope or intercepts etc.
- Repeat with other graphs as time permits.

- **Post Activity**

None

Time Required

10-20 minutes

Alignment

Math 60

This is a great get to know you activity that can help set the tone for future groupwork.

And

Math 50

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