

Graphing Speed Guided Notes

Directions: Preview the notes before reading the lesson. As you read the lesson, fill in the guided notes.

1. Graphing Speed

Talk Like a Scientist: Record any key terms and definitions that are unfamiliar to you.

Key Term(s)	Definition(s)

2. Stay Steady

Focus Question: What is constant speed?

- What is constant speed?

3. Become a Graphing Guru

Focus Question: How do you graph distance and time for an object that moves at a constant speed?

- Describe how to graph constant speed using a distance-time graph.

4. Time to Rise and Run

Focus Question: What is slope, and what information can it tell you about speed?

- What can the slope of a line on a distance-time graph tell you about speed? Give an example.

5. Stop and Go

Focus Question: How do you graph different speeds on a distance versus time graph?

- On a distance-time graph, what does a straight, flat line tell you about motion?

6. Practice Like a Scientist

- What does a straight line with a positive slope tell you about the speed of an object?

7. Summary and Assessment

Use your notes to write a limerick about the content of this lesson. A limerick is a short poem consisting of five lines. The first, second, and fifth lines have seven to ten syllables and rhyme with each other. The third and fourth lines have five to seven syllables and rhyme with each other.

Graphing Speed Limerick

Line 1:

Line 2:

Line 3:

Line 4:

Line 5: