

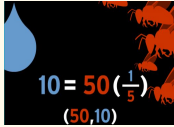
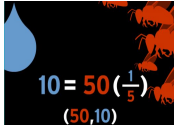
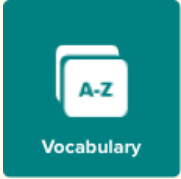

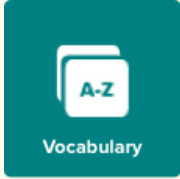






Pacing Guide: **Linear Functions**

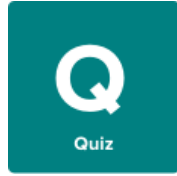
Grade Level: **Eighth Grade** | Duration: **1 week**

BrainPOP Topics: (1) **Slope and Intercept** (2) **Graphing Linear Functions**

	DAY 1 - 30 Min	DAY 2 - 30 min	DAY 3 - 30 min	DAY 4 - 30 min	Day 5 - 40 min
<p>Build Background</p> <p>Watch the movie, pausing to reflect on content.</p>	 <p>Watch Movie: Slope and Intercept</p>	 <p>Rewatch Movie: Slope and Intercept</p>	 <p>Watch Movie: Graphing Linear Equations</p>	 <p>Rewatch Movie: Graphing Linear Equations</p>	<p>Re-watch Movies (optional):</p> <p>Slope and Intercept Graphing Linear Equations</p>
<p>Think & Do</p> <p>Engage with a grade-level appropriate feature or tool</p>	 <p>Vocabulary Development: Slope and Intercept</p>	 <p>Apply Knowledge: Discuss how slope affects the children on either side of the comic.</p>	 <p>Vocabulary Development: Graphing Linear Equations</p>	 <p>Apply Knowledge: Graphing Linear Equations</p>	 <p>Apply Knowledge: Graphing Linear Equations</p>

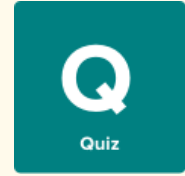
Assess

Take a topic quiz and review your score.



Test Yourself:

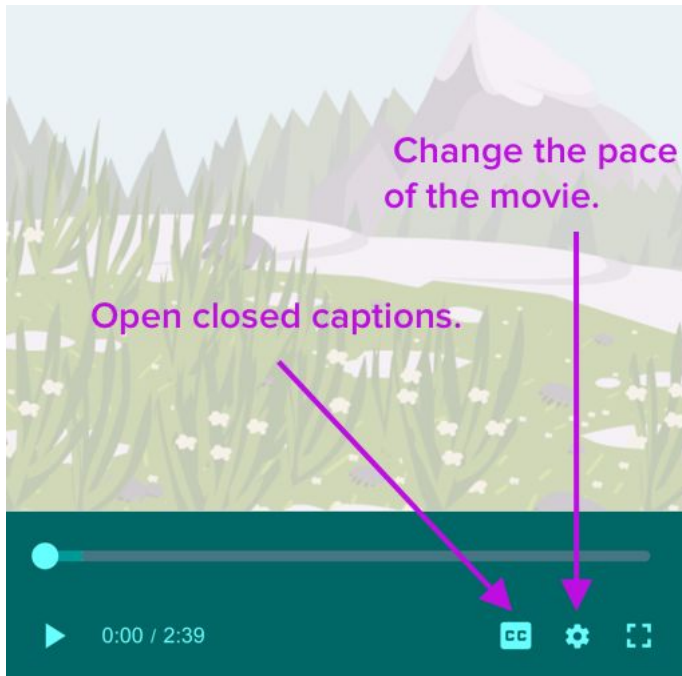
[Slope and Intercept](#)



Test Yourself:

[Graphing Linear Equations](#)

Movie Viewing Tips



Standard	Activity
<p>CCSS.Math.8.SP.A.3</p> <p>Use the equation of a linear model to solve problems in the context of bivariate measurement data, interpreting the slope and intercept</p>	<p>Build Background</p> <p>Watch and discuss movie: Slope and Intercept</p> <p>Think & Do</p> <p>Vocabulary: Slope and Intercept Related Reading: Slope and Intercept</p> <p>Assess</p> <p>Quiz: Slope and Intercept</p>
<p>CCSS.Math.Content.8.F.A.3</p> <p>Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear.</p>	<p>Build Background</p> <p>Watch and discuss movie: Graphing Linear Equations</p> <p>Think & Do</p> <p>Vocabulary: Graphing Linear Equations</p> <p>Assess</p> <p>Quiz: Graphing Linear Equations</p>
<p>CCSS.ELA-LITERACY.RI.8.4</p> <p>Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.</p>	<p>Think & Do</p> <p>Vocabulary: Slope and Intercept Vocabulary: Graphing Linear Equations</p>

[CCSS.ELA-LITERACY.RI.8.6](#)

Determine an author's point of view or purpose in a text and analyze how the author acknowledges and responds to conflicting evidence or viewpoints.

Think & Do

[Related Reading: Slope and Intercept](#)

[CCSS.ELA-LITERACY.RI.8.1](#)

Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.

Assess

[Quiz: Slope and Intercept](#)

[Quiz: Graphing Linear Equations](#)