

<b>Monday</b> <b>11/28</b>	<p>#9:  By the end of the year, the population of Greenville is expected to increase 8% from its current population of 45,000. If this prediction is accurate, what would its new population be at the end of the year?</p> <p>A. 48,600  B. 48,000  C. 46,400  D. 45,800  E. 41,400</p>
I can . . .	find the slope of a line from a graph.
Discourse	Does a horizontal line have a slope? Does a vertical one?
Agenda	I do: Identifying Slope foldables, Finding slope from a graph foldable <a href="https://app.box.com/s/ify00wih64zwcacug8d5sq2k65f2ucyq/1/3175628329/21000149865/1">https://app.box.com/s/ify00wih64zwcacug8d5sq2k65f2ucyq/1/3175628329/21000149865/1</a> We do: Determining if lines are +/-/0/und You do: <a href="https://inspirenolacharterschools-my.sharepoint.com/personal/amanda_omara_inspirenolaschools_org/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Famanda_omara_inspirenolaschools_org%2FDocuments%2FUnit%205%202017%2FFinding%20Slope%20Independent%20Practice%2Epdf&amp;parent=%2Fpersonal%2Famanda_omara_inspirenolaschools_org%2FDocuments%2FUnit%205%202017">https://inspirenolacharterschools-my.sharepoint.com/personal/amanda_omara_inspirenolaschools_org/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Famanda_omara_inspirenolaschools_org%2FDocuments%2FUnit%205%202017%2FFinding%20Slope%20Independent%20Practice%2Epdf&amp;parent=%2Fpersonal%2Famanda_omara_inspirenolaschools_org%2FDocuments%2FUnit%205%202017</a>
Assessment	Explain why the slope of a horizontal line is zero, why the slope of a vertical line is undefined.
<b>Tuesday</b> <b>11/29</b>	<p>#17:  If 50 is 20 percent of <math>x</math>, then <math>x = ?</math></p> <p>A. 10  B. 100  C. 250  D. 1000  E. 2500</p>
I can . . .	write the equation of a line in slope intercept form given a graph.
Discourse	What do you know about $y = mx + b$ ?
Agenda	I do: Foldable — $x/y$ intercepts, slope, and equations We do: Practice problem You do: Turkeys in the Oven, <a href="http://mathequalslove.blogspot.com/2016/11/turkeys-in-oven-game-to-review.html">http://mathequalslove.blogspot.com/2016/11/turkeys-in-oven-game-to-review.html</a>
Assessment	Write the equation of problem #13 from the unit assessment.
<b>Wednesday</b> <b>11/30</b>	<p>#7:  Gregor works as a political intern and receives a monthly paycheck. He spends 20% of his paycheck on rent and deposits the remainder into a savings account. If his deposit is \$3,200, how much does he receive as his monthly pay?</p> <p>A. \$4,000  B. \$5,760  C. \$7,200  D. \$8,000  E. \$17,000</p>

I can . . .	Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. (HSF-IF.B.6)
Discourse	What does slope mean in a real-life situation? Give an example.
Agenda	Jigsaw with “Laptop Battery Charge 2” <a href="https://www.illustrativemathematics.org/content-standards/HSF/IF/B/6/tasks/1559">https://www.illustrativemathematics.org/content-standards/HSF/IF/B/6/tasks/1559</a>
Assessment	Jigsaw final presentation
<b>Thursday 12/1</b>	<p>#9:</p> <p>A size 8 dress that usually sells for \$60 is on sale for 30% off. Victoria has a store credit card that entitles her to an additional 10% off the reduced price of any item in the store. Excluding sales tax, what is the price Victoria pays for the dress?</p> <p>A. \$22.20  B. \$24.75  C. \$34  D. \$36  E. \$37.80</p>
I can . . .	Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. (HSF-IF.B.6)
Discourse	“The Crow and the Pitcher” video: <a href="https://www.youtube.com/watch?v=2sl9d8kgK4I">https://www.youtube.com/watch?v=2sl9d8kgK4I</a> What is the moral of this fable?
Agenda	NCTM Illuminations Activity: The Crow and the Pitcher <a href="http://illuminations.nctm.org/lesson.aspx?id=3667">http://illuminations.nctm.org/lesson.aspx?id=3667</a> <a href="http://illuminations.nctm.org/uploadedFiles/Content/Lessons/Resources/6-8/CrowAndPitcher-AS.pdf">http://illuminations.nctm.org/uploadedFiles/Content/Lessons/Resources/6-8/CrowAndPitcher-AS.pdf</a>
Assessment	“Crow and the Pitcher” notebook page <a href="https://app.box.com/s/7unleeu7pmlw7n82r8g428l7af7osioi/1/11955257523/100175276377/1">https://app.box.com/s/7unleeu7pmlw7n82r8g428l7af7osioi/1/11955257523/100175276377/1</a>
<b>Friday 12/2</b>	None (quiz)
I can . . .	use similar right triangles to explain why the slope of a line is constant between any two points on that line. (CCSS.Math.Content.8.EE.B.6)
Discourse	Does slope change from point to point on a line?
Agenda	Friday Quiz Understanding Slope with Similar Triangles <a href="http://lpb.pbslearningmedia.org/resource/muen-math-ee-vidslopeline/slope-similar-triangles/">http://lpb.pbslearningmedia.org/resource/muen-math-ee-vidslopeline/slope-similar-triangles/</a>