Lesson Plans for Week of: 10:28:19

Teacher:	Bradford	Class: 8th Grade	BA Math
*Lesson plans are subject to change.			

Enduring Understanding:	• Measuring and modeling change is used to quantify and compare the amount of increase or decrease in mathematical events and real-world situations.	
Essential Question:	How do mathematical representations help us understand linear relationships in the world around us?	
Monday:	**Content Objective(s):**	**8.4C** use data from a table or graph to determine the rate of change or slope and *y*-intercept in mathematical and real-world problems
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [l A] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language Activities:	Warm-up Slope Quiz
	Assignment:	Homework: none

Enduring Understanding:	• Measuring and modeling change is used to quantify and compare the amount of increase or decrease in mathematical events and real-world situations.	
Essential Question:	How do mathematical representations help us understand linear relationships in the world around us?	
Tuesday:	**Content Objective(s):**	**8.4A** use similar right triangles to develop an understanding that slope, m. as the rate comparing the change in y-values to the change in x-values, (y_2 - y_1)/(x_2- x_1), is the same for any two points (x_1 , y_1) and (x_2 , y_2) on the same line. 8.4C use data from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real-world problems.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [l A] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language Activities:	Warm-up Notes: Interpreting Slope as Unit Rate

	Assignment:	Homework: none

Enduring Understanding:	• Measuring and modeling change is used to quantify and compare the amount of increase or decrease in mathematical events and real-world situations.	
Essential Question:	How do mathematical representations help us understand linear relationships in the world around us?	
Wednesday:	**Content Objective(s):**	**8.4A** use similar right triangles to develop an understanding that slope, m. as the rate comparing the change in y-values to the change in x-values, (y_2 - y_1)/(x_2- x_1), is the same for any two points (x_1 , y_1) and (x_2 , y_2) on the same line. 8.4C use data from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real-world problems.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [l A] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language Activities:	Periods 1,5 Warm-up Interpreting Slope as Unit Rate Practice /IXL
	Assignment:	Homework: none

Enduring Understanding:	• Measuring and modeling change is used to quantify and compare the amount of increase or decrease in mathematical events and real-world situations.	
Essential Question:	How do mathematical representations help us understand linear relationships in the world around us?	
Thursday:	**Content Objective(s):**	**8.4A** use similar right triangles to develop an understanding that slope, m. as the rate comparing the change in y-values to the change in x-values, (y_2 - y_1)/(x_2- x_1), is the same for any two points (x_1 , y_1) and (x_2 , y_2) on the same line. 8.4C use data from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real-world problems.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [l A] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language	Period 2

	Activities:	Warm-up Interpreting Slope as Unit Rate Practice/IXL
	Assignment:	Homework: none

Enduring Understanding:	• Measuring and modeling change is used to quantify and compare the amount of increase or decrease in mathematical events and real-world situations.	
Essential Question:	What do I need to know for my test on Tuesday?	
Friday:	**Content Objective(s):**	**8.4A** use similar right triangles to develop an understanding that slope, m. as the rate comparing the change in y-values to the change in x-values, (y_2 - y_1)/(x_2- x_1), is the same for any two points (x_1 , y_1) and (x_2 , y_2) on the same line. 8.4C use data from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real-world problems.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [l A]
	Content/Language Activities:	Warm-up Review for Slope Test on Tuesday
	Assignment:	Homework: none