Lesson Plans for Week of: 09:23:19

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

Enduring Understanding:	• Dilated shapes produce similar figures that retain a proportional relationship indicating corresponding sides are proportional and corresponding angles are congruent.	
Essential Question:	What is a dilation? How can I represent it algebraically?	
Monday:	**Content Objective(s):**	**8.3C** use an algebraic representation to explain the effect of a given positive rational scale factor applied to two-dimensional figures on a coordinate plane with the origin as the center of dilation.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [1 A] Listen to and derive meaning from a variety of media such as audio tape, video, DVD, and CD ROM to build and reinforce concept and language attainment [2*F*] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language Activities:	Warm-up https://www.youtube.com/watch?v=kX5VN85p5M4 Notes: Dilations
	Assignment:	Homework: none

Enduring Understanding:	• Dilated shapes produce similar figures that retain a proportional relationship indicating corresponding sides are proportional and corresponding angles are congruent.	
Essential Question:	What is a dilation? How can I represent it algebraically?	
Tuesday:	**Content Objective(s):**	**8.3C** use an algebraic representation to explain the effect of a given positive rational scale factor applied to two-dimensional figures on a coordinate plane with the origin as the center of dilation.
	Language	Use prior knowledge and experiences to understand

	Objective(s):	meanings in English. [1 A] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language Activities:	Warm-up Dilations Practice
	Assignment:	Homework: none

	Enduring Understanding:	• Dilated shapes produce similar figures that retain a proportional relationship indicating corresponding sides are proportional and corresponding angles are congruent.
	Essential Question:	How does an understanding of proportionality help me solve different types of problems?
Wednesday:	Content Objective(s):	**8.3A** generalize that the ratio of corresponding sides of similar shapes are proportional, including a shape and its dilation.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [1 A]
	Content/Language Activities:	Periods: 1, 5 Warm-up Notes: Scale Factor Scale Factor Practice
	Assignment:	Homework: none

	Enduring Understanding:	• Dilated shapes produce similar figures that retain a proportional relationship indicating corresponding sides are proportional and corresponding angles are congruent.
	Essential Question:	How does an understanding of proportionality help me solve different types of problems?
Thursday:	Content Objective(s):	**8.3A** generalize that the ratio of corresponding sides of similar shapes are proportional, including a shape and its dilation.
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [1 A]
	Content/Language Activities:	Period 2 Warm-up Notes: Scale Factor Scale Factor Practice
	Assignment:	Homework: none

Enduring Understanding:		• Dilated shapes produce similar figures that retain a proportional relationship indicating corresponding sides are proportional and corresponding angles are congruent.	
Essential Question:			
Friday:	**Content Objective(s):**	**Access Prior Knowledge**	
	Language Objective(s):	Use prior knowledge and experiences to understand meanings in English. [1 A] Listen to and derive meaning from a variety of media such as audio tape, video, DVD, and CD ROM to build and reinforce concept and language attainment [2*F*] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]	
	Content/Language Activities:	Warm-up IXL	
	Assignment:	Homework: none	