Lesson Plans for Week of: 09:30:19

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:	How does an understanding of proportionality help me solve different types of problems?	
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. [l 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 [$2F$] Learn new language structures, expressions, and basic and academic vocabulary heard during classroom instruction and interactions. [2 C]
	Content/Language Activities:	Warm-up Notes: Scale Factor
	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?	
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 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 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?	
Wednesday:	**Content Objective(s):**	**8.3A** generalize that the ratio of corresponding sides of similar shapes are proportional, including a shape and its dilation. **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. [l A]
	Content/Language Activities:	Periods: 1, 5 Warm-up Heart Dilation Project Part 1 & 2 (Major Grade) /IXL
	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. **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. [l A]

	Content/Language Activities:	Period 2 Warm-up Heart Dilation Project Part 1 & 2 (Major Grade) /IXL
	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. [l A]
	Content/Language Activities:	Warm-up IXL
	Assignment:	Homework: none