Rogene Worley Middle School **Weekly Lesson Plan** **2016-17 School Year**

Department: Science **Grade Level: 8** **Grading Period: 4th** **Week: 1** **Dates: 01/3/17-01/6/17**

100% EVERY STUDENT EVERY DAY

	Monday	Tuesday	Wednesday
TEKS Dual Coding		**SE: 8.7 (A)** – model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons	**SE: 8.7 (A)** – model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons
	Process Standard 8.3(B)	**Process Standard 8.3(B)**	**Process Standard 8.3(B)**
Lesson Objective (WE will learn)		We will model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons.	We will model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons.
I will statement (Demonstration of learning)		I will watch seasons animation, and complete globe activity.	will use Tides.
Purposeful Instructional Agenda		1. Modeling Seasons Globe Activity 2. Flash light/graph paper 3. Seasons Animation	1. Warm up 2. Kesler Activities
		Homework: None	**Homework: None**
Seed Question FSGPT		What measurable and predictable patterns result from interactions of rotation and revolution within the Sun, Earth, and Moon system?	How is Earth's axis oriented in space as Earth moves around the Sun in its orbital path?
AVID strategy		**Inquiry**	**Collaboration**
Kagan Strategy		**Talk with shoulder partner**	**Talk with shoulder partner**

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	Thursday	Friday	Notes
TEKS Dual Coding	**SE: 8.7 (A)** – model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons	**SE: 8.10 A** recognize that the Sun provides the energy that drives convection within the atmosphere and oceans, producing winds and ocean currents. Supporting Standard	
	Process Standard 8.3(B)	**Process Standard 8.3(B)**	
Lesson Objective (WE will)	We will model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons.	We will model that the Sun provides the energy that drives convection within ~~the atmosphere and~~ oceans, producing ~~winds and~~ ocean currents.	
I will statement (Demonstration of learning)	I will take cornell notes and write a 6 word summary.	I will model convection within the ocean.	
Purposeful Instructional Agenda	1. Warm up 2. Cornell Notes on 8.7A	1. Warm and cold water in room temperature water	
	Homework: **None**.	**Homework**: **None**.	
Seed Question FSGPT	What motions and relationships within the Sun, Earth and Moon system cause the predictable pattern of day and night?	What is the energy source that drives our weather and our ocean currents?	
Avid Strategy	**Cornell Notes**	**Inquiry**	
Kagan Strategy	**Timed Round Robin everything they know about day/night and seasons.**	**Talk with shoulder partner**	