Rogene Worley Middle School **Weekly Lesson Plan** **School Year: 2019-2020**

Department: Science **Grade Level: 8** **Grading Period: 4** **Week: 4** **Dates: 1/27/20 – 1/31/20**

100% Every Student, Every Day

	Monday 1/27/20	Tuesday 1/28/20	Wednesday 1/29/20
TEKS	**S.E.:** 8.5(C) interpret the arrangement of the Periodic Table, including groups and periods, to explain how properties are used to classify elements; Readiness Standard	**S.E.:** 8.5(C) interpret the arrangement of the Periodic Table, including groups and periods, to explain how properties are used to classify elements; Readiness Standard	**S.E.:** 8.5(C) interpret the arrangement of the Periodic Table, including groups and periods, to explain how properties are used to classify elements; Readiness Standard
Dual Coding	**Process Standard**	**Process Standard**	**Process Standard**
Lesson Objective (WE will learn) Anticipatory Set	We will identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity	We will identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity	We will identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity
I will statement Independent Practice	I will complete Periodic Table Practice Activity	I will complete Periodic Table Practice Activity	I will complete 8.5A,B,C Periodic Table and Reactivity Test
Instruction: 1. Modeling 2. Guided Practice 3. Independent Practice	1. **Gen_Ed Only** Review Student Journal 2. **Pre-AP Only** Valence Electrons Scavenger Hunt **Homework: Review for Test**	1. Periodic Table Scavenger Hunt 2. **Pre-AP Only** Periodic Table Battleship **Homework: Review for Test**	1. 8.5A,B,C Periodic and Reactivity Test **Homework**: **None**.
Seed Question FSGPT	How are elements arranged in the Periodic Table of Elements? What do the columns on the Periodic Table of Elements represent? What do the rows on the Periodic Table of Elements represent?	How are elements arranged in the Periodic Table of Elements? What do the columns on the Periodic Table of Elements represent? What do the rows on the Periodic Table of Elements represent?	How are elements arranged in the Periodic Table of Elements? What do the columns on the Periodic Table of Elements represent? What do the rows on the Periodic Table of Elements represent?
AVID strategy	**Inquiry**	**Inquiry**	**Inquiry**
Kagan / Lead4ward Strategy	**Independent**	**Independent/Collaboration**	**Independent**

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	Thursday 1/30/20	Friday 1/31/20	Notes
TEKS Dual Coding	**S.E.:** 8.5(D) recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts **Readiness Standard**	**S.E.:** 8.5(D) recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts **Readiness Standard**	
	Process Standard 8.3(B)	**Process Standard 8.3(B)**	
Lesson Objective (WE will) Anticipatory Set	We will learn to recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts	We will learn to recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts	
I will statement Independent Practice	I will complete vocabulary activity Play it Say it!	I will complete STEMscopes Part I: The Big Picture.	
Instruction: Modeling Guided Practice Independent Practice	1. Warm up 2. Play it Say it!	**1.** Warm up **2.** STEMscopes Part I: The Big Picture	
		Homework: None	
Seed Question FSGPT	What does a chemical formula indicate about the substance it represents? What is a subscript and what does it indicate in a chemical formula?	What does a chemical formula indicate about the substance it represents? What is a subscript and what does it indicate in a chemical formula?	
AVID Strategy	**Inquiry**	**Inquiry**	
Kagan/ lead4ward Strategy	**Collaboration**	**Collaboration**	