

Department: Science

Grade Level: 8

Grading Period: 6

Week: 4 Dates: 05/05/2020 – 05/12/2020

**100% Every Student, Every Day Tuesday - Tuesday**

	Tuesday 05/05/2020	Wednesday 05/06/2020	Thursday 05/07/2020
TEKS	<b>8.5B</b> identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity; <b>Readiness Standard</b>	<b>8.5B</b> identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity; <b>Readiness Standard</b>	<b>8.5B</b> identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity; <b>Readiness Standard</b>
Dual Coding	<b>Process Standard 8.3(B)</b>	<b>Process Standard 8.3(B)</b>	<b>Process Standard</b>
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 8.5B Vocabulary and STEMscopedia Reading.	I will watch Brain Pop Videos on Ions.	I will view Valence Electrons and Reactivity PowerPoint
Instruction: 1. Modeling 2. Guided Practice 3. Independent Practice	1. 8.5B Vocabulary 2. STEMscopedia Reading	1. Brain Pop Video	1. Valence Electrons and Reactivity PowerPoint
	<b>Homework: None</b>	<b>Homework: None</b>	<b>Homework: None</b>
Seed Question FSGPT	What can be used to identify an element? What are energy levels in an electron cloud? How do the valence electrons affect the reactivity of an atom?	What can be used to identify an element? What are energy levels in an electron cloud? How do the valence electrons affect the reactivity of an atom?	What can be used to identify an element? What are energy levels in an electron cloud? How do the valence electrons affect the reactivity of an atom?
AVID strategy	<b>Vocabulary / Reading to Learn</b>	<b>Inquiry</b>	<b>Reading to Learn</b>
Kagan / Lead4ward Strategy	<b>Independent</b>	<b>Independent</b>	<b>Independent</b>

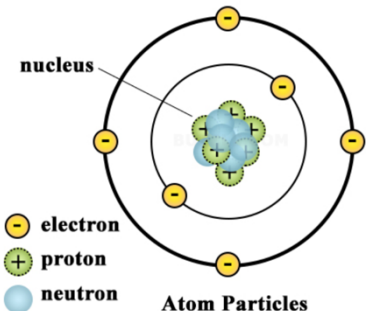
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	Friday 05/08/2020	Monday 05/11/2020	Notes
<b>TEKS Dual Coding</b>	8.5B identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity; <b>Readiness Standard</b> <b>Process Standard 8.3(B)</b>	8.5B identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity; <b>Readiness Standard</b> <b>Process Standard 8.3(B)</b>	<p><b>Week 7 of Online Learning</b></p> <p><b>Deadline for assignment is next <u>Tuesday, May 12, 2020!</u></b></p>  <p>The diagram shows a central nucleus composed of protons (green circles with '+') and neutrons (blue circles with 'n'). Surrounding the nucleus are two concentric circles representing energy levels. The inner shell contains two protons and two neutrons. The outer shell contains two electrons (yellow circles with '-'). A legend below the diagram identifies the symbols: a yellow circle with '-' for an electron, a green circle with '+' for a proton, and a blue circle with 'n' for a neutron. The caption below the diagram is 'Atom Particles'.</p>
<b>Lesson Objective (WE will) Anticipatory Set</b>	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.	
<b>I will statement Independent Practice</b>	I will complete Valence Electrons Columns Game.	I will complete 8.5B assignment.	
<b>Instruction: Modeling Guided Practice Independent Practice</b>	1. Valence Electrons Columns Game  <b>Homework: None</b>	***8.5B Valence Electrons in Canvas***  <b>Homework: None</b>	
<b>Seed Question FSGPT</b>	What can be used to identify an element? What are energy levels in an electron cloud? How do the valence electrons affect the reactivity of an atom?	What can be used to identify an element? What are energy levels in an electron cloud? How do the valence electrons affect the reactivity of an atom?	
<b>AVID Strategy</b>	<b>Inquiry</b>	<b>Assignment</b>	
<b>Kagan/lead4ward Strategy</b>	<b>Independent</b>	<b>Independent</b>	