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| **Rogene Worley Middle School Weekly Lesson Plan 2015-16 School Year** |
| **Department: Science Grade Level: 8 Six Weeks: 1st Week: 4 Dates: 9/14/15-9/18/15****100% Every Student Every Day** |
|  | **Monday** | **Tuesday** | **Wednesday** |
| **TEKS****Dual Coding** | **SE:** 8.5(A) describe the structure of atoms, including the masses, electrical charges, and locations, of protons and neutrons in the nucleus and electrons in the electron cloud and 8.5(B) identify that protons determine an element’s identity and valence electrons determine its chemical properties, including reactivity | **SE:** 8.5(A) describe the structure of atoms, including the masses, electrical charges, and locations, of protons and neutrons in the nucleus and electrons in the electron cloud and 8.5(B) identify that protons determine an element’s identity and valence electrons determine its chemical properties, including reactivity | **SE:** 8.5(A) describe the structure of atoms, including the masses, electrical charges, and locations, of protons and neutrons in the nucleus and electrons in the electron cloud and 8.5(B) identify that protons determine an element’s identity and valence electrons determine its chemical properties, including reactivity |
| **Process Standard** | **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson****Objective** **(WE will learn)** | We review atomic structure. | Pre-AP will test.Regular will review atomic structure. | Pre-AP will make anchor charts.Regular will test. |
| **I will statement****(Demonstration of learning)** | I will complete my review. |  | Pre-AP: I will make an anchor chart. |
| **Purposeful Instructional** **Agenda** | 1. Warm up
2. Atomic Structure Review
 | 1. Warm up
2. Pre-AP Test
3. Regular Review
 | 1. Warm up
2. Pre-AP: Anchor Charts
3. Regular Test
 |
| **Homework:** | **Homework:** | **Homework:**  |
| **Seed Question****FSGPT** |  |  | **What is important about an atom?** |
| **AVID****strategy** |  | **Text Annotation** | **Collaborative Inquiry Based Learning** |
| **Kagan Strategy** |  | **Rally Robin** | **Rally Robin** |

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|  | **Thursday** | **Friday** | **Notes** |
| **TEKS****Dual Coding** | **SE:** 8.5(C) interpret the arrangement of the Periodic Table, including groups and periods, to explain how properties are used to classify elements | **SE:** 8.5(C) interpret the arrangement of the Periodic Table, including groups and periods, to explain how properties are used to classify elements | 1st Six weeks Vocab Quiz – Wednesday 9/238.5C Student Journal Parts I-IV due Thursday 9/24 |
| **Process Standard 8.3(B)** | **Process Standard** |
| **Lesson****Objective****(WE will)** | We will learn identify that protons determine an element’s identity and valence electrons determine its chemical properties, including reactivity | We will learn to identify that protons determine an element’s identity and valence electrons determine its chemical properties, including reactivity |
| **I will statement****(Demonstration of learning)** | I will draw Bohr Models on the periodic table. | I will make electron dot diagrams. |
| **Purposeful Instructional** **Agenda** | 1. Warm up
2. STEMScopes 8.5C Student Guide and Student Journal Part I
 | 1. Warm up
2. STEMScopes 8.5C Student Guide and Student Journal Part II
 |
| **Homework: Complete questions for Part I. (Due Thursday 9/24)** | **Homework: Complete questions for Part II. (Due Thursday 9/24)** |
| **Seed Question****FSGPT** | **How to determine valence electrons?** | **What are electron dot diagrams?** |  |
| **Avid Strategy** | **Collaborative Learning** | **Cornell Notes** |  |
| **Kagan Strategy** |  |  |  |