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| **Rogene Worley Middle School Weekly Lesson Plan 2015-16 School Year** | | | |
| **Department: Science Grade Level: 8 Six Weeks: 1st Week: 6 Dates: 9/28/15-10/2/15**  **100% Every Student Every Day** | | | |
|  | **Monday** | **Tuesday** | **Wednesday** |
| **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 | **SE:** 8.5(D) The student is expected to recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts AND recognize whether a chemical equation containing coefficients is balanced or not and how that relates to the Law of Conservation of Mass. |
| **Process Standard** | **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson**  **Objective**  **(WE will learn)** | We review the periodic table. | Test | Pre-AP will intro to chemical formulas.  Regular will go over test. |
| **I will statement**  **(Demonstration of learning)** | I will complete my review. |  | Pre-AP: I will complete the intro. |
| **Purposeful Instructional**  **Agenda** | 1. Warm up 2. Periodic Table Test Review | 1. Warm up 2. Test | 1. Warm up 2. Pre-AP: Chemical Formulas Intro 3. Regular: Go Over Test and Correct |
| **Homework:** | **Homework:** | **Homework:** |
| **Seed Question**  **FSGPT** |  |  |  |
| **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(D) The student is expected to recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts AND recognize whether a chemical equation containing coefficients is balanced or not and how that relates to the Law of Conservation of Mass. | **SE:** 8.5(D) The student is expected to recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts AND recognize whether a chemical equation containing coefficients is balanced or not and how that relates to the Law of Conservation of Mass. |  | |
| **Process Standard 8.3(B)** | **Process Standard** |
| **Lesson**  **Objective**  **(WE will)** | We will count atoms in chemical formulas. | We will count atoms in chemical formulas. |
| **I will statement**  **(Demonstration of learning)** | I will count atoms. | I will make models of compounds. |
| **Purposeful Instructional**  **Agenda** | 1. Warm up 2. STEMScopes 8.5DF Student Guide and Student Journal Part I and Part II | 1. Warm up 2. STEMScopes 8.5DF Student Guide and Student Journal Part II and Part III |
| **Homework: Complete questions for Part I. (Due Thursday 10/3)** | **Homework: Complete questions for Part II. (Due Thursday 10/3)** |
| **Seed Question**  **FSGPT** | **What is a subscript?** | **How do we know how many atoms are in a compound.** |  | |
| **Avid Strategy** | **Collaborative Learning** | **Collaborative Learning** |  | |
| **Kagan Strategy** |  |  |  | |