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| **Rogene Worley Middle School Weekly Lesson Plan 2015-16 School Year** | | | |
| **Department: Science Grade Level: 8 Six Weeks: 3rd Week: 3 Dates: 12/7/15-12/11/15**  **100% Every Student Every Day** | | | |
|  | **Monday** | **Tuesday** | **Wednesday** |
| **TEKS**  **Dual Coding** | **SE:** 6.9(C) The student is expected to demonstrate energy transformations such as energy in a flashlight battery changes from chemical energy to electrical energy to light energy. | **SE:** 8.6(C) and 6.9(C) | **SE:** 8.6(C) and 6.9(C) |
| **Process Standard 8.3(B)** | **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson**  **Objective**  **(WE will learn)** | We will describe energy transformations. | We will describe Newton’s Laws and energy transformations. | We will describe Newton’s Laws and energy transformations. |
| **I will statement**  **(Demonstration of learning)** | I will demonstrate energy transformations in real life situations. | I will work on my test review. | I will take my test. |
| **Purposeful Instructional**  **Agenda** | 1. Warm Up 2. 6.9C Cornell Notes | 1. Warm up 2. Test Review | 1. Warm up 2. 8.6C and 6.9C Test |
| **Homework: Test Review** | **Homework: Test Review** | **Homework: None** |
| **Seed Question**  **FSGPT** | **What are the different types of energy?** |  |  |
| **AVID**  **strategy** | **Collaborative Inquiry Based Learning** | **Collaborative Inquiry Based Learning** |  |
| **Kagan Strategy** | **Timed Round Robin** | **Round Robin** |  |

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|  | **Thursday** | **Friday** | **Notes** | |
| **TEKS**  **Dual Coding** | **SE:** 8.8(C) The student is expected to explore how different wavelengths of the electromagnetic spectrum such as light and radio waves are used to gain information about distances and properties of components in the universe. | **SE:** 8.8(C) The student is expected to explore how different wavelengths of the electromagnetic spectrum such as light and radio waves are used to gain information about distances and properties of components in the universe. |  | |
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| **Lesson**  **Objective**  **(WE will)** | We will explore different wavelengths of the electromagnetic spectrum. | We will explore different wavelengths of the electromagnetic spectrum. |
| **I will statement**  **(Demonstration of learning)** | I will look at different colors of light. | I will match EMS wavelengths. |
| **Purposeful Instructional**  **Agenda** | 1. Warm up 2. 8.8C Background and Part 1 | 1. Warm up 2. 8.8C Part II and III |
| **Homework: Only if activity wasn’t finished in class.** | **Homework: Only if activity wasn’t finished in class.** |
| **Seed Question**  **FSGPT** | **What is the difference in the EMS waves?** | **How are the different wavelengths used to collect information in the universe?** |  | |
| **Avid Strategy** | **Collaborative Learning** | **Collaborative Learning** |  | |
| **Kagan Strategy** | **Round Robin** | **Round Robin** |  | |