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| **Rogene Worley Middle School Weekly Lesson Plan 2015-16 School Year** | | | |
| **Department: Science Grade Level: 8 Six Weeks: 3rd Week: 4 Dates: 12/14/15-12/18/15**  **100% Every Student Every Day** | | | |
|  | **Monday** | **Tuesday** | **Wednesday** |
| **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. | **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. |
| **Process Standard 8.3(B)** | **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson**  **Objective**  **(WE will learn)** | We will explore the EMS. | We will explore the EMS. | We will explore the EMS. |
| **I will statement**  **(Demonstration of learning)** | I will make a foldable. | I will see the differences in colors. | I will compare stars. |
| **Purposeful Instructional**  **Agenda** | 1. Warm Up 2. EMS Foldable 3. Electromagnetic Notation | 1. Warm up 2. Electromagnetic Notation 3. Colors in Christmas Lights 4. Star Fingerprints | 1. Warm up 2. Colors in Christmas Lights 3. Star Fingerprints |
| **Homework: Foldable if not finished** | **Homework: Color in Christmas Lights if not finished** | **Homework: Any EMS activity that is not finished** |
| **Seed Question**  **FSGPT** | **What is the difference between a radio wave and a gamma ray?** | **What is the difference in a red light and a blue light?** | **What is the difference between a red star and a blue star?** |
| **AVID**  **strategy** | **Collaborative Inquiry Based Learning** | **Collaborative Inquiry Based Learning** | **Collaborative Inquiry Based Learning** |
| **Kagan Strategy** | **Timed Round Robin** | **Round Robin** | **Round Robin** |

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| **Department: Science Grade Level: 8 Six Weeks: 3rd Week: 4 Dates: 12/14/15-12/18/15**  **100% Every Student Every Day** | | | | | |
|  | **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. |  |  | |
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| **Lesson**  **Objective**  **(WE will)** | We will explore the EMS. |  |
| **I will statement**  **(Demonstration of learning)** | I will grade. |  |
| **Purposeful Instructional**  **Agenda** | 1. Warm up 2. Grade all EMS activities | 1. Adopt – a – Child |
| **Homework: None** | **Homework:** |
| **Seed Question**  **FSGPT** | **What is the difference in the EMS waves?** |  |  | |
| **Avid Strategy** | **Collaborative Learning** |  |  | |
| **Kagan Strategy** | **Round Robin** |  |  | |