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| **Rogene Worley Middle School Weekly Lesson Plan 2015-16 School Year** | | | |
| **Department: Science Grade Level: 8 Six Weeks: 3rd Week: 2 Dates: 11/30/15-12/4/15**  **100% Every Student Every Day** | | | |
|  | **Monday** | **Tuesday** | **Wednesday** |
| **TEKS**  **Dual Coding** | **SE:** 8.6(C) The student is expected to investigate and describe applications of Newton’s law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth’s tectonic activities, and rocket launches. | **SE:** 8.6(C) The student is expected to investigate and describe applications of Newton’s law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth’s tectonic activities, and rocket launches. | **SE:** 8.6(C) The student is expected to investigate and describe applications of Newton’s law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth’s tectonic activities, and rocket launches. |
| **Process Standard 8.3(B)** | **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson**  **Objective**  **(WE will learn)** | We will describe Newton’s Laws. | We will describe Newton’s Laws. | We will describe Newton’s Laws. |
| **I will statement**  **(Demonstration of learning)** | I will investigate Newton’s Laws in real life situations. | I will differentiate between Newton’s Laws. | I will calculate force, mass, and acceleration. |
| **Purposeful Instructional**  **Agenda** | 1. Warm Up 2. 6C Starters | 1. Warm up 2. 6C Cornell Notes | 1. Warm up 2. 6C Practice Problems |
| **Homework: None** | **Homework: None** | **Homework: Finish Practice Problems** |
| **Seed Question**  **FSGPT** | **What is inertia?** | **Why are there always two forces?** | **How is force calculated?** |
| **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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|  | **Thursday** | **Friday** | **Notes** | |
| **TEKS**  **Dual Coding** | **SE:** 8.6(C) The student is expected to investigate and describe applications of Newton’s law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth’s tectonic activities, and rocket launches. | **SE:** 8.6(C) The student is expected to investigate and describe applications of Newton’s law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth’s tectonic activities, and rocket launches. |  | |
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| **Lesson**  **Objective**  **(WE will)** | We will describe Newton’s Laws. | We will describe Newton’s Laws. |
| **I will statement**  **(Demonstration of learning)** | I will describe applications of Newton’s Laws. | I will describe applications of Newton’s Laws. |
| **Purposeful Instructional**  **Agenda** | 1. Warm up 2. 6C Activity | 1. Warm up 2. 6C Activity |
| **Homework: None** | **Homework: Only if activity wasn’t finished in class.** |
| **Seed Question**  **FSGPT** | **How can Newton’s Laws be applied to real life?** | **How can Newton’s Laws be applied to real life?** |  | |
| **Avid Strategy** | **Collaborative Learning** | **Collaborative Learning** |  | |
| **Kagan Strategy** | **Round Robin** | **Round Robin** |  | |