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| **Rogene Worley Middle School Weekly Lesson Plan 2015-16 School Year** | | | |
| **Department: Science Grade Level: 8 Six Weeks: 2nd Week: 4 Dates: 10/26/15-10/30/15**  **100% Every Student Every Day** | | | |
|  | **Monday** | **Tuesday** | **Wednesday** |
| **TEKS**  **Dual Coding** |  | **SE:** 8.6(A) The student is expected to demonstrate and calculate how unbalanced forces change the speed or direction of an object’s motion. | **SE:** 8.6(A) The student is expected to demonstrate and calculate how unbalanced forces change the speed or direction of an object’s motion. |
| **Process Standard 8.3(B)** | **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson**  **Objective**  **(WE will learn)** |  | We will determine balanced and unbalanced forces. | We will calculate the change in speed and direction caused by unbalanced forces. |
| **I will statement**  **(Demonstration of learning)** |  | I will read the background of 8.6A and plan my lab. | I will calculate the speed of my marble. |
| **Purposeful Instructional**  **Agenda** | 1. Ben Barber Field Trip | 1. Warm up 2. 8.6A Journal Background and Part I | 1. Warm up 2. 8.6A Journal Part II |
| **Homework:** | **Homework: Background and Part 1 questions** | **Homework: Part II questions** |
| **Seed Question**  **FSGPT** |  | **What is a force?** | **What can a force do to an object?** |
| **AVID**  **strategy** |  | **Collaborative Inquiry Based Learning** | **Collaborative Inquiry Based Learning** |
| **Kagan Strategy** |  | **Round Robin** | **Round Robin** |

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|  | **Thursday** | **Friday** | **Notes** | |
| **TEKS**  **Dual Coding** | **SE:** 8.6(A) The student is expected to demonstrate and calculate how unbalanced forces change the speed or direction of an object’s motion. | **SE: SE:** 8.6(A) The student is expected to demonstrate and calculate how unbalanced forces change the speed or direction of an object’s motion. |  | |
| **Process Standard 8.3(B)** | **Process Standard 8.3(B)** |
| **Lesson**  **Objective**  **(WE will)** | We will calculate the change in speed and direction caused by unbalanced forces. | We will calculate the change in speed and direction caused by unbalanced forces. |
| **I will statement**  **(Demonstration of learning)** | I will calculate the speed of my marble. | **I will do all station of the lab.** |
| **Purposeful Instructional**  **Agenda** | 1. Warm up 2. Finish 8.6A Journal Part II 3. Grade 8.6A Journal | 1. No School |
| **Homework:** | **Homework: Lab questions** |
| **Seed Question**  **FSGPT** | **What is the difference between a balanced force and an unbalanced force?** | **What does an unbalanced force do to an object?** |  | |
| **Avid Strategy** | **Collaborative Learning** | **Collaborative Learning** |  | |
| **Kagan Strategy** | **Round Robin** | **Round Robin** |  | |