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| **Grade Level** 7th | | **Teacher/Room**: Miller Week of: August 7, 2013 | | | |
| **Unit Vocabulary:** | | | | | |
| **Instructional Strategies Used:** | | | | | |
| **Day 1** | **Day 2** | | **Day 3** | **Day 4** | **Day 5** |
| **Common Core Standard(s)**:  **S7CS1. Students will explore of the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works**. | **Common Core Standard(s)**:  S7CS8. Students will investigate the characteristics of scientific knowledge and how that knowledge is achieved.  c. As prevailing theories are challenged by new information, scientific knowledge may change. | | **Common Core Standard(s)**:  S7CS9. Students will investigate the features of the process of scientific inquiry.  c. Scientific experiments investigate the effect of one variable on another. All other variables are kept constant. | **Common Core Standard(s)**:  S7CS2. Students will use standard safety practices for all classroom laboratory and field investigations  a. Follow correct procedures for use of scientific apparatus.  b. Demonstrate appropriate techniques in all laboratory situations.  c. Follow correct protocol for identifying and reporting safety problems and violations. | **Common Core Standard(s)**:  S7CS9. Students will investigate the features of the process of scientific inquiry. |
| **EQ Question:**  What are different types of science? | **EQ Question:**  What is a Hypothesis? | | **EQ Question:**  What is the Scientific Method? | **EQ Question:**  What is expected in lab activities? | **EQ Question:**  How do I use the Scientific Theory? |
| **Mini Lesson:**  **Read Section 1 together in class.**  **Go over answers to questions**  ***What is Science? Worksheet***  **Activating Strategies:**  **Resource/Materials:** | **Mini Lesson:**  Section 2 Vocab:  Go over Homework  **Activating Strategies:**  What are the 5 skills scientists use?  **Resource/Materials:** | | **Mini Lesson:**  Section 2 Guided Reading  **Activating Strategies:**  Scientific Method Song: <http://www.youtube.com/watch?v=WEXMB5wsl0w>  **Resource/Materials:** | **Mini Lesson:**  **Chapter 1 Section 4. Lab safety**  **Lab Safety Worksheet**  **Activating Strategies:**  Lab Safety Song: <http://www.youtube.com/watch?v=WZ-1lfammjk>  **Resource/Materials:** | **Mini Lesson:**  Bead Lab  **Activating Strategies:**  **Resource/Materials:** |
| **Differentiation:**  *Content: Differentiated worksheet for sped.* | **Differentiation:**  *Assessment: Different Vocab assignment for sped* | | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy: Grouping by academic level* | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment* | **Differentiation:**  *Grouping by ability. More math related activity in lab for gifted.* |
| **Assessment :**  *What is science worksheet.* | **Assessment:**  *Summative: Vocab* | | **Assessment:**  *Formative: Page 19 Questions 1-2 a,b* | **Assessment:**  **Notebook** | **Assessment:**  **Lab Report** |
| **Homework:**  Finish worksheet if needed. | **Homework:**  Vocab Section 2 | | **Homework:** | **Homework:**  None | **Homework:**  None |

Resources and Reflective Notes: