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| **Grade Level** 7th | | **Teacher/Room**: Miller Week of: September 30, 2013 | | | |
| **Unit Vocabulary: Lipid, Protein, Carbohydrate, and Nuclic** | | | | | |
| **Instructional Strategies Used:** | | | | | |
| **Day 1** | **Day 2** | | **Day 3** | **Day 4** | **Day 5** |
| **Common Core Standard(s)**:  **S7L2. Students will describe the structure and function of cells, tissues, organs, and organ systems.**  **a. Explain that cells take in nutrients in order to grow and divide and to make needed materials** | **Common Core Standard(s)**:  **S7L2. Students will describe the structure and function of cells, tissues, organs, and organ systems.**  **a. Explain that cells take in nutrients in order to grow and divide and to make needed materials** | | **Common Core Standard(s)**:  **S7L2. Students will describe the structure and function of cells, tissues, organs, and organ systems.**  **a. Explain that cells take in nutrients in order to grow and divide and to make needed materials** | **Common Core Standard(s)**:  **S7L2. Students will describe the structure and function of cells, tissues, organs, and organ systems.**  **a. Explain that cells take in nutrients in order to grow and divide and to make needed materials** | **Common Core Standard(s)**:  **S7L2. Students will describe the structure and function of cells, tissues, organs, and organ systems.**  **a. Explain that cells take in nutrients in order to grow and divide and to make needed materials** |
| **EQ Question: What are elements and compounds?** | **EQ Question:**  What are Lipids, Carbs, Proteins, and Nucleic Acids | | **EQ Question:**  What are Lipids, Carbs, Proteins, and Nucleic Acids | **EQ Question:**  What is selectively permeable? | **EQ Question:**  What are the four main Macro molecules. |
| **Mini Lesson:**  Group Read Page 74-78  Questions Page 78 #1-3 a,b,c  Write Questions and answers. | **Mini Lesson:**  Check Homework  Notes on C,L,P,and NA  Note Taking Guide.  **Activating Strategies:**  EDUSmart- Organic In-organic | | **Mini Lesson:**  Finish Notes on CLPNA  Hand notes on Diffusion and Osmosis  Activating strategy: <https://www.youtube.com/watch?v=H8WJ2KENlK0> | **Mini Lesson:**  **Whole Class Read Section 2 p.81-85**  **Page. 85 # 1-3**  **Activating Strategies:**  Cell Diffusion Demo  **Resource/Materials:** | **Mini Lesson:**  Macromolecule Web-quest  **Work on Science Fair** |
| **Differentiation:**  *Grouped by ability* | **Differentiation:**  *Note Taking Guide Modified.* | | **Differentiation:**  *Note Taking Guide Modified.* | **Differentiation:**  *Stem- Create a lab that demonstrates a selectively permeable membrane* | **Differentiation:**  *Gifted/Stem-Finish Cell Membrane Lab, Work on Science Fair* |
| **Assessment :**  *Questions- Summative* | **Assessment:**  *Formative- Questioning* | | **Assessment:**  *3-2-1 Lipids, Carbs, and Proteins* | **Assessment:**  **1 big Thing- Cell diffusion** | **Assessment:** |
| **Homework:**  Current event | **Homework:** | | **Homework:** | **Homework:**  Questions Page 85 | **Homework:**  None |