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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 74-78Questions Page 78 #1-3 a,b,cWrite Questions and answers. | **Mini Lesson:** Check Homework Notes on C,L,P,and NANote Taking Guide.**Activating Strategies:**EDUSmart- Organic In-organic | **Mini Lesson:** Finish Notes on CLPNAHand notes on Diffusion and OsmosisActivating 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 |