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| **Grade Level** 7th | **Teacher/Room**: Miller Week of: October 21, 2013 |
| **Unit Vocabulary: Genetics, Genes, Alleles, Dominant, Recessive** |
| **Instructional Strategies Used: Pre-test, Technological Lesson, Lecture, Lab, Group work** |
| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** |
| **Common Core Standard(s)**:**S7L3. Students will recognize how biological traits are passed on to successive generations.** **a. Explain the role of genes and chromosomes in the process of inheriting a specific trait. b. Compare and contrast that organisms reproduce asexually and sexually (bacteria, protists, fungi, plants & animals). c. Recognize that selective breeding can produce plants or animals with desired traits.** | **Common Core Standard(s)**:**S7L3. Students will recognize how biological traits are passed on to successive generations.** **a. Explain the role of genes and chromosomes in the process of inheriting a specific trait. b. Compare and contrast that organisms reproduce asexually and sexually (bacteria, protists, fungi, plants & animals). c. Recognize that selective breeding can produce plants or animals with desired traits.** | **Common Core Standard(s)**: **S7L3. Students will recognize how biological traits are passed on to successive generations.** **a. Explain the role of genes and chromosomes in the process of inheriting a specific trait. b. Compare and contrast that organisms reproduce asexually and sexually (bacteria, protists, fungi, plants & animals). c. Recognize that selective breeding can produce plants or animals with desired traits.** | **Common Core Standard(s)**: **S7L3. Students will recognize how biological traits are passed on to successive generations.** **a. Explain the role of genes and chromosomes in the process of inheriting a specific trait. b. Compare and contrast that organisms reproduce asexually and sexually (bacteria, protists, fungi, plants & animals). c. Recognize that selective breeding can produce plants or animals with desired traits.** | **Common Core Standard(s)**: **S7L3. Students will recognize how biological traits are passed on to successive generations.** **a. Explain the role of genes and chromosomes in the process of inheriting a specific trait. b. Compare and contrast that organisms reproduce asexually and sexually (bacteria, protists, fungi, plants & animals). c. Recognize that selective breeding can produce plants or animals with desired traits.** |
| **EQ Question:**What do I know about Genetics? | **EQ Question:**Why is Mendel’s Work important? | **EQ Question:**What is Dominant and recessive? | **EQ Question:**Why do I look the way I do? | **EQ Question:**Why do I look the way I do? |
| **Mini Lesson:** Genetics Pre-TestVocab Page 110 | **Mini Lesson:** Edusmart Notes Genetics**Activating Strategies:** | **Mini Lesson:** Power-point NotesSection 1 Chapter 4 Page 110-115 | **Mini Lesson:** **Finish Section 1****Guided Reading p245-247** | **Mini Lesson:** **STEM- DNA extraction Strawberry Lab****Class Survey Lab and Graph** |
| **Differentiation:***Differentiated Pre-test**Read to, small group* | **Differentiation:***Content/Process/Product:**Grouping Strategy:**Assessment* | **Differentiation:***Content/Process/Product:**Grouping Strategy:**Assessment* | **Differentiation:** | **Differentiation:***Different Labs based on ability* |
| **Assessment :***Pretest* | **Assessment:** | **Assessment:***3-2-1 Formative* | **Assessment:** | **Assessment:****Lab report** |
| **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  None | **Homework:**None |

Resources and Reflective Notes: