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| **Week****Of****Aug 17 – 21, 2015** | **Jennings Senior High** |
| **Subject: Biology and Honors Biology** | **Grade Level: 9-12** | **Instructor(s): Ms. C. White** |
|  | **Monday**  | **Tuesday**  | **Wednesday**  | **Thursday**  | **Friday** |
| **Key Concepts -Learning****Targets /Daily Objective**  | Students will demonstrate their prior knowledge of scientific Inquiry*.* | Pre-Test – Biology Semester (all classes)Learning style inventory | Pre-Test – Biology Semester (all classes)Learning style inventory | Scientific Method – Experimental DesignStudents will be able to formulate a hypothesis | Scientific Method – Experimental DesignStudents will be able to formulate a hypothesis |
| **Common Core****Standards** | **7.1A.B; 7.1.B.a;7.1.D.a;7.1.C.b;7.1.A.a** |
| **Ab.** | 1,2,3,4 | 1,2,3,4 | 3 | 3 | 3 |
| **Vocabulary** |  | Qualitative, Quantitative, hypothesis, scientist, variable, control group, IV, DV, inference, inquiry, observation, inductive reasoning, deductive reasoning, scientific theory, law | Qualitative, Quantitative, hypothesis, scientist, variable, control group, IV, DV, inference, inquiry, observation, inductive reasoning, deductive reasoning, scientific theory, law | Qualitative, Quantitative, hypothesis, scientist, variable, control group, IV, DV, inference, inquiry, observation, inductive reasoning, deductive reasoning, scientific theory, law | Qualitative, Quantitative, hypothesis, scientist, variable, control group, IV, DV, inference, inquiry, observation, inductive reasoning, deductive reasoning, scientific theory, law |
| **Class Procedures/Lesson Design** | **Do Now: (10-15 mins)**What are the components of a good graph? | **Do Now: (10-15 mins)**What is the purpose of the Scientific Method? | **Do Now: (10-15 mins)**What is the purpose of the Scientific Method? | **Do Now: (10-15 mins)**How would you design an experiment using the scientific method?  | **Do Now: (10-15 mins)**How would you design an experiment using the scientific method?  |
| **Whole Group Lesson Introduction/Anticipatory Set**(60 MINS)Students will demonstrate their knowledge of the Scientific Method | **Whole Group Lesson Introduction/Anticipatory Set** **(60 mins)**Activity 1: Biology Pre-test Goals**(20 min)**Activity **2:** Learning Style Inventory. | **Whole Group Lesson Introduction/Anticipatory Set****(60 mins)**Activity 1: Biology Pre-test Goals**(20 min)**Activity **2:** Learning Style Inventory. | **Whole Group Lesson Introduction/Anticipatory Set****(55 mins)**Activity 1: Students will develop and test a hypothesis, analyze and draw conclusions**(20 mins)**Activity 2: Students will practice writing hypothesis - If/then…Homework – control and variables activity   | **Whole Group Lesson Introduction/Anticipatory Set****(55 mins)**Activity 1: Students will develop and test a hypothesis, analyze and draw conclusions**(20 mins)**Activity 2: Students will practice writing hypothesis - If/then…Homework – control and variables activity  |
| **Highly Tested CLE:** **(EOC/ACT Time)****20 Min. Devoted to EOC/ACT Skill Reinforces (20 Minutes)** | **7.1.A.a**. Formulate testable questions and hypotheses7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements |
| **Daily Formative Assessment (5-10 Minutes)** | Review | Formative Assessment | Formative Assessment | Lab Report | Lab Report |
| **Summative Assessment** | Biology Value Added assessmentsPre-test Biology August 18th and 19, 2015 pretestMake up test is scheduled Tuesday or Friday afterschool |
| **Materials and Resources** | Lab material, color pencils, graph paper, dry erase markers, metric stick, composition notebook |
| **Unit Planner and Special Notes** | Create instructions for how to write a lab report• Create instructions for making ramen noodles• CWC/Co-Taught classes B2 |