|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 Design  Students will be able to formulate a hypothesis | Scientific Method – Experimental Design  Students 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 hypotheses  7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses  7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses  7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses  7.1.A.g Evaluate the design of an experiment and make suggestions for reasonable improvements | **7.1.A.a**. Formulate testable questions and hypotheses  7.1.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 assessments  Pre-test Biology August 18th and 19, 2015 pretest  Make 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 | | | | |