**ARC Week at Glance—Mrs. Hiatt**

**Topic:** Stability and Change in Population Over Time **Course:** Biology **Grade:** 10 **Dates:** 9/22-9/26

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|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* | | |
| **Monday** | I am learning about  natural selection. | I can   * use natural selection vocabulary correctly * collect peppered moth data using Gizmo * explain natural selection of peppered moths | Math Monday Do Now  Refresh of Evolution Concepts Answer on paper and turn in | Natural Selection Vocabulary Practice Sheet  Natural Selection Gizmo | Natural Selection Gizmo – reading Gizmo instructions and writing responses to prompts on student handout |
| **Tuesday** | I am learning about speciation. | I can…   * Define Species * Explain various mechanisms of speciation * Group organisms on a species continuum * Analyze my continuum to answer questions about speciation | Test Prep Tuesday—Study Guide Question writing  Intro What is a Species with Video and Notes | Species continuums constructed using species scenario cards from Learn Genetics Same or Different Species Activity—reading species scenarios and deducing where they fall on a species continuum | Evolution Assessment Check  Filled out species continuum |
| **Wednesday** | I am learning about different kinds of speciation. | I can…   * Differentiate between allopatric and sympatric speciation. * Define the barriers that cause speciation to occur * Differentiate between the 3 domains of life | WIS-WIM Do Now—differences in Archaea, Eukarya, and Prokarya | Differences in allopatric and sympatric speciation | “How can changes in a population lead to a new species?” Worksheet |
| **Thursday** | I am reviewing my knowledge of Unit 1. | I can…   * Communicate my understanding of Unit 1 * Prepare for success on a summative assessment | Throwback Thursday—Summary sentences and Question Writing  Test Review | Group Review Game | Complete Study Guide |
| **Friday** | I am demonstrating understanding of Unit 1. | I can…   * Accurately answer EOC style MCQ’s to communicate understanding of Unit 1. | Test Review | N/A Taking Summative Assessment | Unit 1 Test  Begin Unit 2 Preparation |

Literacy Tasks Minor Assessment Major Assessment