**ARC Week at Glance: Biology (Mrs. Hiatt)**

**Topic:** Stability & Change in Population Over Time **Course:** Biology  **Grade: 10 Dates: Sept 2 - 5**

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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** |  |  |  |  |  |
| **Tuesday** | I am reviewing Unit 1A content | I can   * Assess my knowledge of Unit 1A concepts * Determine a study plan | Test Prep Tuesday Do Now – CER | Review stations around room | Class Wayground Review |
| **Wednesday** | I am demonstrating understanding of Unit 1A | I can   * Answer MCQs in EOC style to demonstrate mastery of characteristics of life, Viruses, Bacteria, and Antibiotic and/or Pesticide Resistance | Do Now: Get ready for test, last review | Begin working on Natural Selection vocabulary sheet when finished | Unit 1A Midpoint Test – Characteristics of Life, Viruses, Bacteria, Bacterial Resistance  Decoding MCQs/Reading Question Prompts/Answer Choices to prepare for EOC level questions |
| **Thursday** | I am learning about genetic drift and speciation | I can …   * collect and analyze data to explain how beaks/mouth pieces adapt/evolve based on food sources * explain the processes of genetic drift * explain the process of speciation | WIS WIM Do Now –  Summary Sentences & Question Writing  Introduction to Natural Selection | Bird Beak Natural Selection Lab Data Collection – reading and following procedures to collect data for various bird beaks | Bird Beak Natural Selection Data Analysis (calculating mean values) |
| **Friday** | I am learning about graphing data sets and writing justifiable conclusions about natural selection. | I can …   * collect and analyze data to explain how beaks/mouth pieces adapt/evolve based on food sources * explain the processes of genetic drift * explain the process of speciation | Throwback Thursday Do Now – MCQ with justification of answers | Bird Beak Natural Selection Graphing – Guide students through expectations when graphing data (Title, X & Y axis, Labels, Units, Scale, etc.) – and conclusion writing | Natural Selection Lab Assessment Check: Peppered Moths Gizmo & Bird Beak Lab Assessment Check |

Literacy Tasks Minor Assessment Major Assessment