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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **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 ResistanceDecoding 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