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

**Topic:** Unit 5: Stability and Change in Ecosystems **Course:** Biology

 **Grade: 10 Dates: March 24 - 28**

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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 photosynthesis and cellular respiration. | I can * State inputs and outputs of both processes
* Explain the relationship between the processes
* Outline the steps of photosynthesis
 | Do Now – Calculations/Data Analysis Practice | Photosynthesis Guided Notes – Light Dependent vs Light Independent Reactions Coloring Sheet | Photosynthesis Formative Check  |
| **Tuesday** | I am learning about photosynthesis and cellular respiration. | I can * State inputs and outputs of both processes
* Explain the relationship between the processes
* Outline the steps of cellular respiration
 | Do Now – Claim Evidence Reasoning Practice | Cellular Respiration Guided Notes – Aerobic vs Anaerobic Respiration Coloring Sheet | Cell Respiration Formative Check |
| **Wednesday** | I am learning about Photosynthesis & Cellular Respiration  | I can* Explain the relationship between Photosynthesis & Cellular Respiration
* State inputs and outputs of Photosynthesis and Cellular Respiration
* Explain formulas for both processes
 | Wednesday Free Response Question Answer Construction & Revision  | Review Stations  | TOTD Photosynthesis vs Cell RespirationStudy Guide for Test |
| **Thursday** | I am demonstrating understanding of Unit 5 Concepts. | I can * Demonstrate mastery of Unit 5 Concepts
* State inputs and outputs of both processes
* Collect and Analyze data for photosynthesis and cellular respiration
 | Do Now – Test ReviewLab Explanations | After Test—Leaf Disk and Yeast Balloons Lab Stations Day 1 | Unit 5 Midpoint Test  |
| **Friday** | I am learning about photosynthesis and cellular respiration. | I can * State inputs and outputs of both processes
* Collect and Analyze data for photosynthesis and cellular respiration
 | Throwback Thursday Do Now: Multiple Choice Question with Justification Writing | Leaf Disk & Yeast Balloons Lab Stations – Day 2 of 2 | Lab Conclusions-CER |

Literacy Tasks Minor Assessment Major Assessment