**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 Respiration  Study 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 Review  Lab 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