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

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

**Grade: 10 Dates: March 17 - 22**

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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 nutrient cycling. | I can   * Outline key events in nutrient cycles * Complete stations activities to review the nutrient cycles | Review EOC review Handout—go through questions  Review Food chains/webs/Pyramid | Nutrient Cycles Stations – Day 1  Carbon Cycle  Water Cycle  Nitrogen Cycle  Oxygen Cycle  Phosphorus Cycle | TOTD: Nutrient Cycling Importance – What happens if … |
| **Tuesday** | I am learning about nutrient cycling. | I can   * Outline key events in nutrient cycles * Complete stations activities to review the nutrient cycles | Tuesday Do Now: Multiple Choice Question with Justification Writing | Nutrient Cycles Stations – Day 2  Carbon Cycle  Water Cycle  Nitrogen Cycle  Oxygen Cycle  Phosphorus Cycle | Summative Task Piece – One Nutrient Cycle in Biome of Choice Analysis Task  Have decided Biome, energy pyramid, and nutrient cycles |
| **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 | Sketch Notes – PS/CR  Photosynthesis Cell Respiration Practice Sheet | TOTD Photosynthesis vs Cell Respiration |
| **Thursday** | 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 | Assessment Check: Food webs/Pyramids and Nutrient Cycling |
| **Friday** | 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 | Cell Respiration Formative Check |

Literacy Tasks Minor Assessment Major Assessment