| Name: Kristoffer Van Atten | | Grading Quarter: Q2 | Week Beginning: 10/30/2023 |
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| School Year: 23-24 | | Subject: AP Biology | |
| Monday | Notes: | Objective: **Topic 3.5 Photosynthesis**<br>SWBAT Describe the photosynthetic processes that allow organisms to capture and store energy.<br>Explain how cells capture energy from light and transfer it to biological molecules for storage and use.<br><br>Lesson Overview: Students will take notes in their Biological Interactive Learning Log, watch videos, and perform a short FRQ | Academic Standards: ENE-1.I-J |
| Tuesday | Notes: | Objective: **Topic 3.6 Cellular Respiration**<br>SWBAT Describe the process that allow organisms to use energy stored in biological macromolecules.<br>Explain how cells obtain energy from biological macromolecules in order to power cellular functions.<br><br>Lesson Overview: Students will take notes in their Biological Interactive Learning Log, watch videos, and perform a short FRQ | Academic Standards: ENE-1.K-L |
| Wednesday | Notes: | Objective: **Topic 3.6 Cellular Respiration**<br>SWBAT Describe the process that allow organisms to use energy stored in biological macromolecules.<br>Explain how cells obtain energy from biological macromolecules in order to power cellular functions.<br><br>Lesson Overview: Students will take notes in their Biological Interactive Learning Log, watch videos, and perform a short FRQ | Academic Standards: ENE-1.K-L |
| Thursday | Notes: | Objective: **Topic 3.6 Cellular Respiration**<br>SWBAT Describe the process that allow organisms to use energy stored in biological macromolecules.<br>Explain how cells obtain energy from biological macromolecules in order to power cellular functions.<br><br>Lesson Overview: Students will take notes in their Biological Interactive Learning Log, watch videos, and perform a short FRQ | Academic Standards: ENE-1.K-L |
| Friday | Notes: | Objective: SWBAT perform a laboratory experiment on the reaction rates of photosynthesis and cellular respiration<br><br>Lesson Overview: Students will use empirical laboratory methods to quantitatively explore the reaction rates of photosynthesis and cellular respiration | Academic Standards: ENE-1 |