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| **Grade:** 9th grade | **Course:** Biology |
| **Benchmark(s):**SC.912.L.18.9 Explain the interrelated nature of photosynthesis and cellular respiration.  |
| **Skills – Students should be able to do** | **Concepts – Student should know** |
| **Verbs** | **Nouns** |
| ExplainConnect | PhotosynthesisCellular Respiration  |
| **Critical Area of Focus based on CTS:**Photosynthesis and Respiration |
| **Learning Goal:**SWBAT connect photosynthesis to cellular respiration.SWBAT explain how photosynthesis and cellular respiration are related and interdependent. |
| **Essential Question for the lesson:**How are photosynthesis and cellular respiration related? How are they different? |
| **Supporting questions for the lesson:**What is photosynthesis? What is cellular respiration? How are they connected to the carbon cycle? |