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| **Grade:** 9th grade | **Course:** Biology |
| **Benchmark(s):**  SC.912.L.17.20 Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability. | |
| **Skills – Students should be able to do** | **Concepts – Student should know** |
| **Verbs** | **Nouns** |
| Identify  Predict  Explain  Critique | Sustainability  Biomes  Human activity |
| **Critical Area of Focus based on CTS:**  Photosynthesis and Respiration | |
| **Learning Goal:**  SWBAT predict the effect of human activity on ecosystems.  SWBAT critique how environmental systems have changed due to humans.  SWBAT explain how humans have affected sustainability of ecosystems. | |
| **Essential Question for the lesson:**  How has human activity impacted the environment? | |
| **Supporting questions for the lesson:**  What are the components of human activity? What is sustainability? | |