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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** |
| IdentifyPredictExplainCritique | SustainabilityBiomesHuman 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? |