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| **Grade:** 9th grade | **Course:** Biology |
| **Benchmark(s):**SC.912.L.17.9 Use a food web to identify and distinguish producers, consumers, and decomposers. Explain the pathway of energy transfer through trophic levels and the reduction of available energy at successive trophic levels.  |
| **Skills – Students should be able to do** | **Concepts – Student should know** |
| **Verbs** | **Nouns** |
| IdentifyDistinguishSummarizeExplainConstruct | Food webProducerConsumerDecomposerTrophic Level  |
| **Critical Area of Focus based on CTS:**Photosynthesis and Respiration |
| **Learning Goal:**SWBAT construct a food web.SWBAT identify producers, consumers, and decomposers.SWBAT explain and summarize the transfer of energy through trophic levels and why there is a reduction of available energy at the successive trophic levels. |
| **Essential Question for the lesson:**How do organisms interact with their ecosystems? |
| **Supporting questions for the lesson:**What are the differences between producers, consumers and decomposers? |