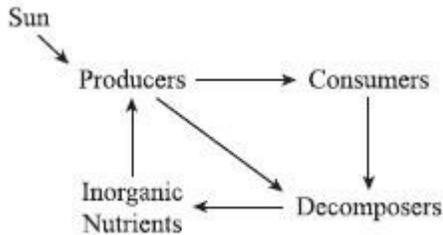


SC.912.L.17.9 – Food Webs and Energy Transfer – Example 3 Answer

The diagram below shows the cycling of nutrients in an ecosystem.



The removal of which of the following groups would cause an immediate decrease in the amount of energy flowing through the system?

- A. Producers
- B. Consumers
- C. Decomposers
- D. Inorganic nutrients

Answer

- A. Producers

Producers gather energy from the sun and convert it to useable molecules for consumers. Removing producers from any food chain or web will cause an immediate decrease in available energy.