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Food Chains, Food Webs, Cycles and Ecological Succession

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| **Across****3.** diversity of species; variety of genetic material**4.** must obtain its food**8.** interconnected food chains**9.** algae growth stimulated**10.** A cycle where oxygen is released into the atmosphere by photosynthesis and released by cellular respiration**11.** A diagram showing each consumer level utilizes about 10% of its nutrients at each level | **Down****1.** an existing community is slowly replaced by another community**2.** breaks down organic substances to inorganic substances and makes them available for use **5.** makes it's own food**6.** involves the transfer of energy from green plants through a series of organisms**7.** CO2 cycle |