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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 |