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Ecology

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| **Across**  **7.** The process in green plants by which carbohydrates are made from carbon dioxide and water using sunlight as the energy source.  **10.** A sequence of organisms, each of which uses the next, lower member of the sequence as a food source.  **14.** Organisms such as bacteria and fungi that decompose dead plants and animals.  **15.** science of naming species  **16.** Any organism that is capable of producing its own food, usually through photosynthesis.  **18.** available power; the capacity to do work  **19.** Mammals belong to one...  **21.** The family of humans  **23.** An organism requiring complex organic compounds for food, which it obtains by preying on other organisms or by eating organic matter. | **Down**  **1.** Animals are one of the...  **2.** the home of an organism  **3.** diagrams/tables that are used to classify organisms/species  **4.** A complex network of many interconnected food chains and feeding interactions.  **5.** used to sort out organisms or species  **6.** naming of species with Genus (capital letter) followed by species (lower case)  **8.** The genus of humans  **9.** Vertebrates belong to one...  **11.**  The surroundings in which an organism lives, including air, water, land, natural resources, flora, fauna, humans and their interrelationships.  **12.** The study of the environment  **13.** Levels in the biomass pyramid  **17.** living being  **20.** top of the food chain is an ....predator  **22.** Sapiens is the ..... of humans |