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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The Carbon and Oxygen Cycle

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| **Across**  **5.** \_\_\_\_\_\_\_ the absorption and digestion of food or nutrients by the body or any biological system ​  **7.** Humans are changing the natural Water by damming rivers for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which changes the natural cycle. This causes preexisting rivers to dry up destroying the local ecosystem​  **8.** \_\_\_\_\_ the process of burning something.  **9.** Humans are also over farming land and using too many animals (like cows) which overgraze and produce too much \_\_\_\_\_\_\_ causing an imbalance in the Carbon cycle. ​  **10.** Plants use \_\_\_\_\_ to create oxygen.  **12.** The conversion from CO2 to oxygen creates \_\_\_\_ for the plants to stay alive. Oxygen is a waste product of this cycle.​ | **Down**  **1.** Animal \_\_\_\_\_contains most of the carbon that is released. This is then absorbed into the ground completing the cycle.  **2.** \_\_\_\_\_\_ absorb CO2 from the air and through the soil. ​  **3.**  \_\_\_\_\_\_the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water. \_\_\_\_\_\_\_\_in plants generally involves the green pigment chlorophyll and generates oxygen as a byproduct.  **4.** \_\_\_\_\_\_\_\_is the process of an animal or plant becoming preserved in a hard, petrified form.  **6.** \_\_\_\_\_\_\_ is the state or process of rotting; decay.  **11.** Dead plants and animals emit \_\_\_ |

   Carbon       CO2       Plants       food       hydroelectricity       feces       methane       Decomposition       Fossilization       combustion       Photosynthesis       Assimilation