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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