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Carbon cycle

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| **Across****3.** Another name for the air; carbon dioxide is stored here**5.** The colective name for coal, oil and gas; a rich store of carbon. They form over millions of years from dead plants and animals.**7.** Plants take in carbon dioxide and sunlight to create their own energy to grow**8.** Where carbon moves from high concentration to low concentration. Usually between the atmosphere and the seas. **10.** These things give out carbon when they erupt, releasing it into the atmosphere. **12.** The term for places where carbon is trapped and stored.**13.**  Rocks break down overtime  | **Down****1.** Systems that let energy and matter (e.g. anything you can physically touch) in and out. **2.** These are made up of different things, including carbon. This is the largest store of carbon on the planet.**4.** The burning of fossil fuels and trees produces carbon dioxide which is released into the air**6.** Plants and animals use oxygen and glucose to create energy. This gives out carbon dioxide and water.**9.** Another name for transfers; where carbon moves from one place to another.**11.** systems that only let energy in and out. Matter cannot get out of a closed system. |