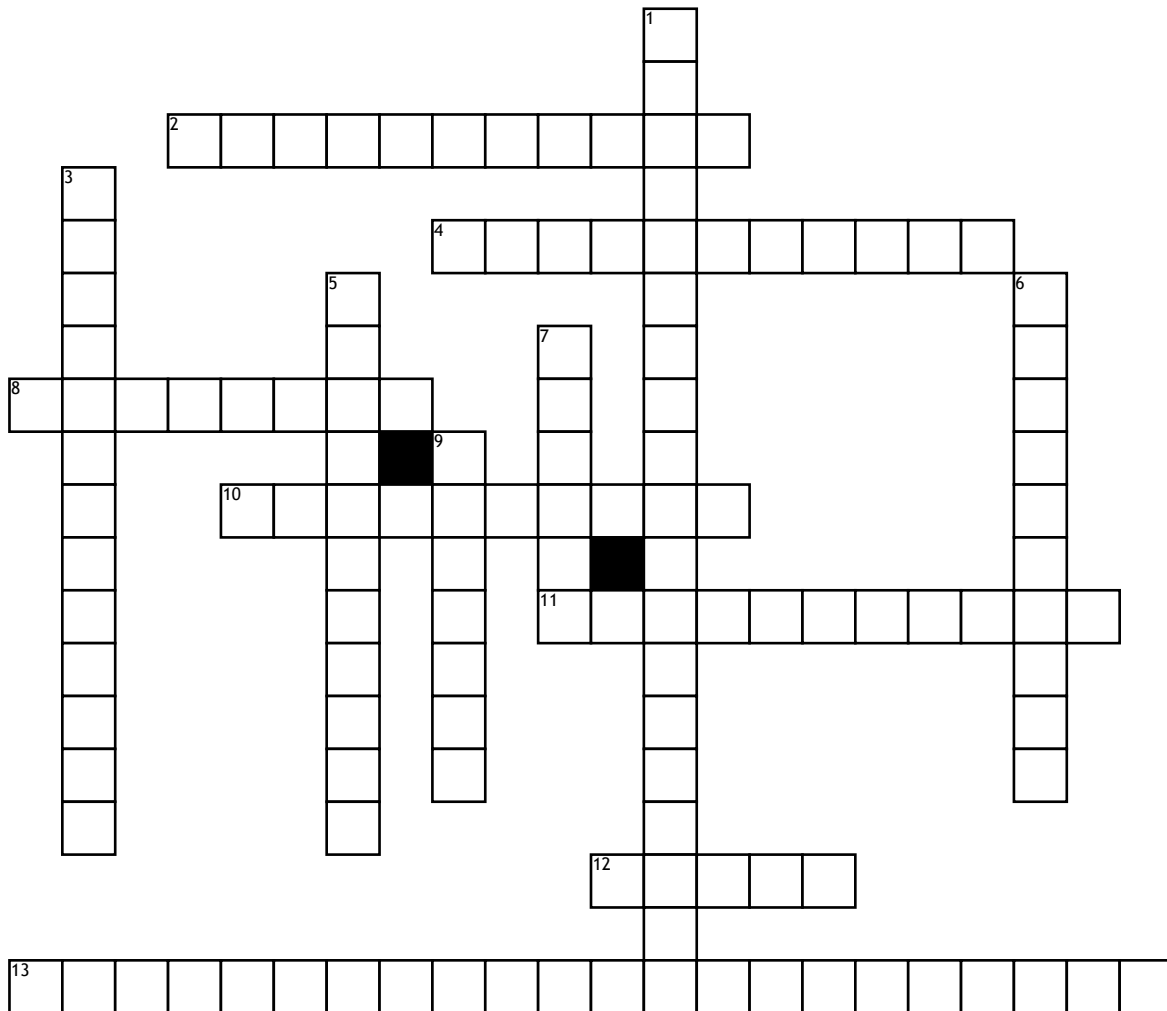


The Cycling of Materials



Across

- 2. People often apply _____ to stimulate and maximize plant growth.
- 4. another term for carbon reservoirs
- 8. one of the two types of carbon cycles
- 10. needed to form bones and teeth in animals.
- 11. made up of carbon compounds from the bodies of organisms that died long ago
- 12. Nitrogen must be _____ before organisms can use it.

Down

- 1. _____ involves capturing atmospheric CO2 and storing it in the soil, underground, or in the oceans.
- 3. when we burn fossil fuels, we release carbon into the atmosphere as _____.
- 5. process by which carbon is cycled between the atmosphere, land, water, and organisms.

- 6. rapid and overabundant growth of algae
- 7. If excessive amounts of fertilizer are used, the fertilizer can enter terrestrial and aquatic ecosystems through _____.
- 9. Phosphorus is the 11th most abundant element in the Earth's crust and occurs naturally as phosphate in this mineral