



Name _____

Instruct students to work with a partner to identify carbon sinks and carbon sources. How could carbon enter a sink? How could that carbon be released or emitted from that sink to become a carbon source?

Carbon Cycle Sinks and Sources

Carbon Sink	How does it get there?		Carbon Source	How is it emitted?
Plant biomass	Photosynthesis takes in carbon dioxide from atmosphere and incorporates it into sugars that become part of the plant tissue		Burning Fossil fuels	Driving vehicles, coal fired electrical plants, etc

Which ones are both carbon sources and sinks?