

Carbon cycle cards – Place these in a stack face down in the appropriate carbon reservoir. When a student draws a card, have them return it to the bottom of the stack face down. Cards will be reused throughout the game.

Lithosphere

After many years in the ground you took the form of a fossil fuel, which was burned for energy. (Atmosphere)

You were washed into the ocean as sediment. (Hydrosphere)

Atmosphere

You have been absorbed by a tree and used for photosynthesis. (Biosphere)

You have been absorbed by the Arctic Ocean. (Hydrosphere)

You have been absorbed by the Pacific Ocean. (Hydrosphere)

You have been absorbed by the Atlantic Ocean. (Hydrosphere)

Biosphere

The land-dwelling organism you were living in died and slowly decomposed. (Lithosphere)

The organism you were living in got eaten by another organism. (Remain in biosphere)

After moving through the food web, you are respired by an animal. (Atmosphere)

Hydrosphere

You have been used by phytoplankton for photosynthesis. (Remain in hydrosphere)

You have been eaten by a fish. (Biosphere)

You moved into a fish that was then eaten by a land-dwelling organism. (Biosphere)