

UNIVERSIDAD NACIONAL AUTONOMA DE NICARAGUA  
UNAN LEÓN  
FACULTY OF AGROECOLOGICAL AND VETERINARY  
ENGLISH WORK



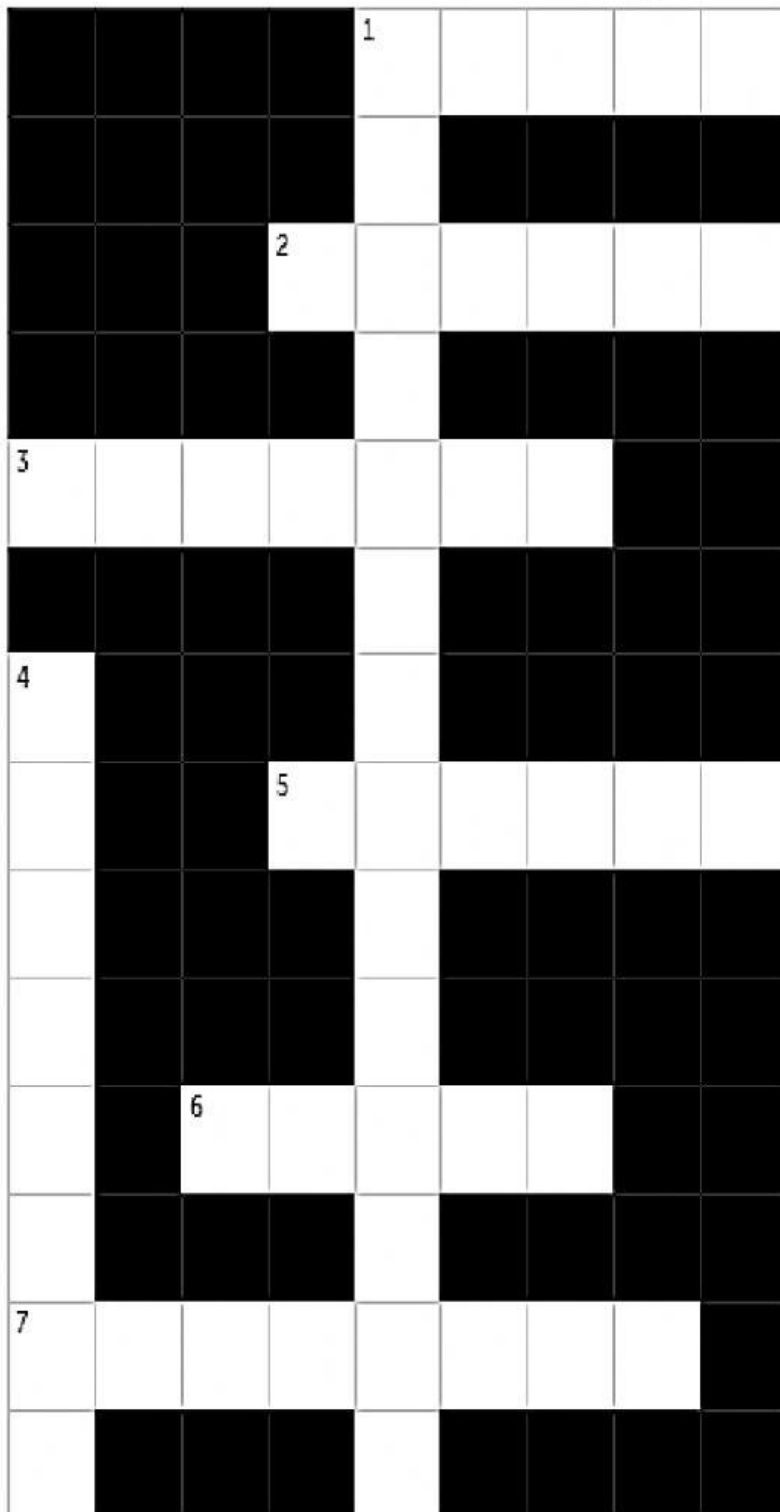
Names: \_\_\_\_\_

Complete the reading with the words from the box

Earth	fossil	carbon cycle	organisms	sediments
ocean	backbone	fuels	atmosphere	plants

What is the carbon cycle? Carbon is the chemical \_\_\_\_\_ of all life on Earth. All of the carbon we currently have on \_\_\_\_\_ is the same amount we have always had. When new life is formed, carbon forms key molecules like protein and DNA. It's also found in our \_\_\_\_\_ in the form of carbon dioxide or CO<sub>2</sub>. The \_\_\_\_\_ is nature's way of reusing carbon atoms, which travel from the atmosphere into organisms in the Earth and then back into the atmosphere over and over again. Most carbon is stored in rocks and \_\_\_\_\_, while the rest is stored in the \_\_\_\_\_, atmosphere, and living \_\_\_\_\_. These are the reservoirs, or sinks, through which carbon cycles. The ocean is a giant carbon sink that absorbs carbon. Marine organisms from marsh \_\_\_\_\_ to fish, from seaweed to birds, also produce carbon through living and dying. Sometimes dead organisms become \_\_\_\_\_ that go through combustion, giving off CO<sub>2</sub>, and the cycle continues.

Write the word according to the concept in the puzzle.



## HORIZONTAL

## VERTICAL

1 a living thing that grows in the soil or water and has leaves and roots

1 the process by which a plant uses the energy from the light of the sun to produce its own food

2 part of an animal or plant from thousands of years ago, preserved in rock

4 a living thing, often a very small one

3 a substance that is burned to give heat or power

5 something that lives and moves but is not a person, bird, fish, or insect

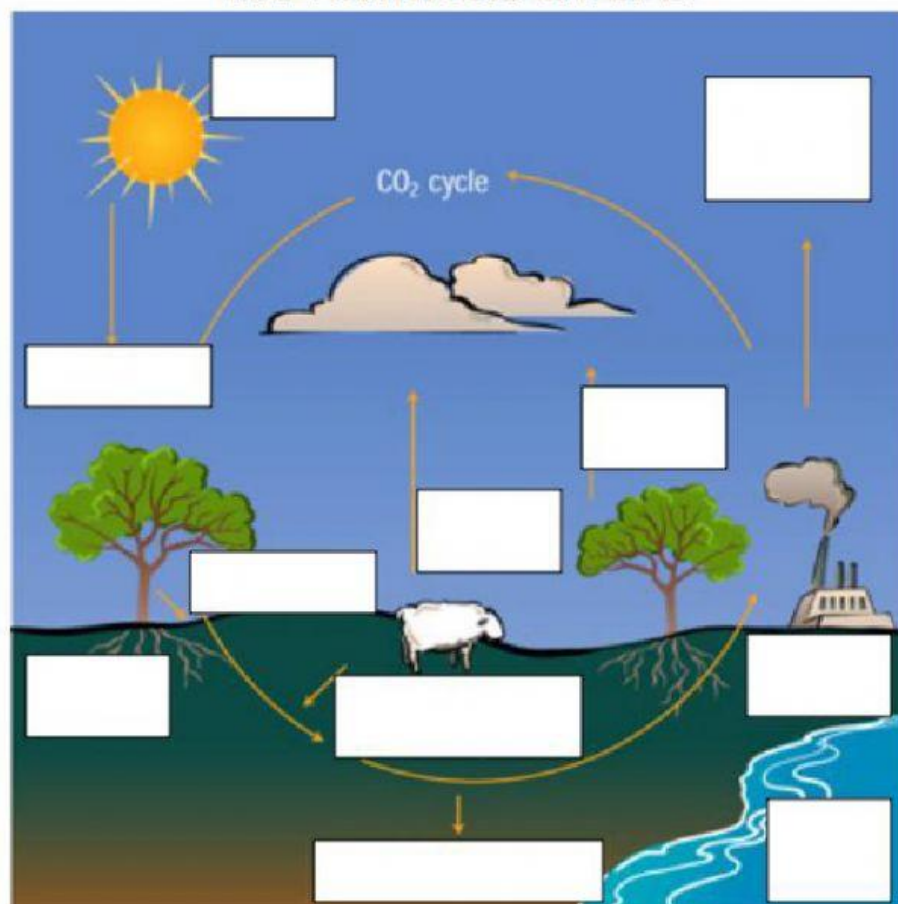
6 a substance that is burned to give heat or power

7 the light from the sun



ANIMAL  
 EMISSIONS  
 FACTORY  
 FOSSIL  
 FUELS  
 ORGANIC  
 ORGANISMS  
 PHOTOSYNTHESIS  
 PLANT  
 RESPIRATION  
 ROOT  
 SUNLIGHT

## THE CARBON CYCLE



Number the charts with the numbers according to the word

- 1 Root respiration
- 2 Organic Carbon
- 3 Sunlight
- 4 Auto and factory emissions
- 5 Animal respiration
- 6 Decay organisms
- 7 Ocean Uptake
- 8 respiration
- 9 Fossils and fossil fuels
- 10 Organic Carbon
- 11 Photosynthesis