



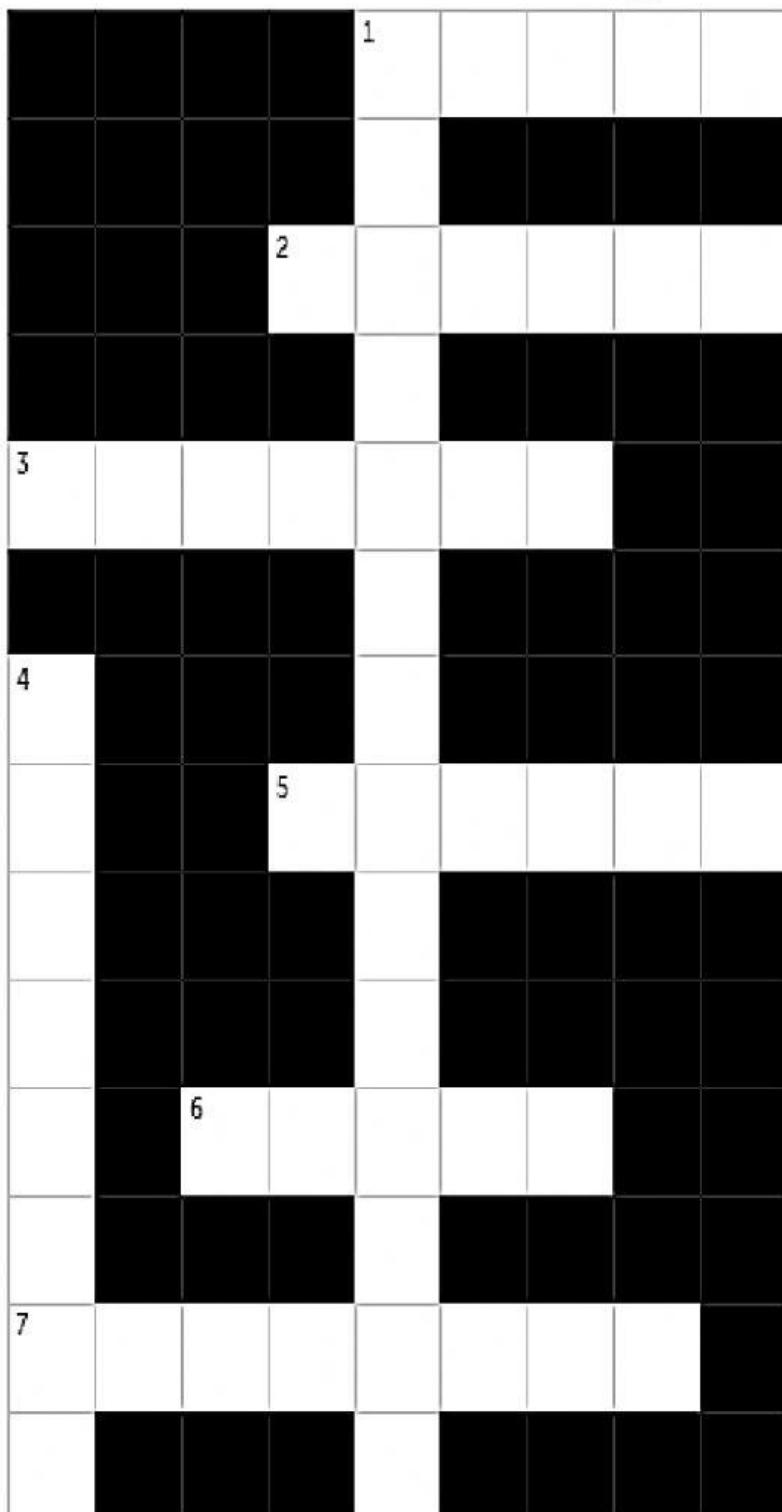
Names: _____

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 CO₂. 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 CO₂, and the cycle continues.

Write the word according to the concept in the puzzle.



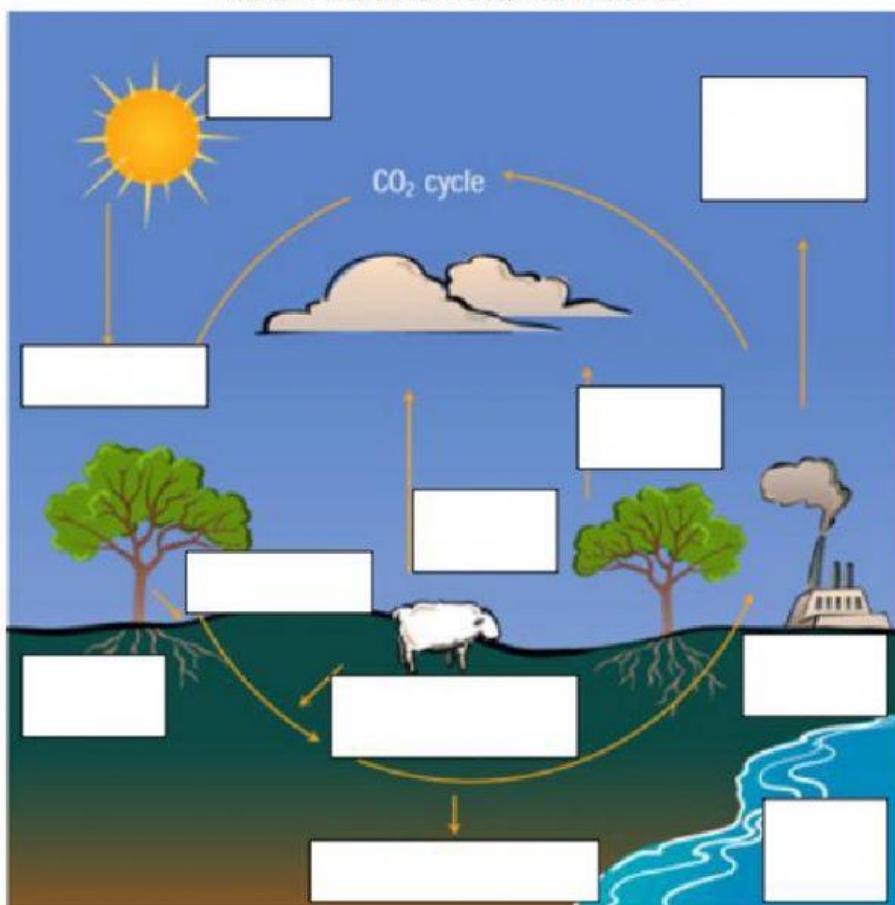
HORIZONTAL VERTICAL

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		

I	J	W	O	C	C	L	N	W	B	M	Z	Q	S	R
N	J	N	T	U	Z	A	V	X	G	W	R	P	D	C
G	X	B	X	N	C	J	U	B	Z	V	L	T	X	U
L	G	K	O	R	A	V	S	F	M	X	X	O	L	C
R	C	M	O	B	Q	L	V	Q	N	D	P	P	X	C
H	G	O	J	N	P	N	P	P	S	L	E	U	F	Q
P	T	A	N	S	N	O	I	S	S	I	M	E	K	V
L	R	N	R	E	S	P	I	R	A	T	I	O	N	E
W	Y	X	A	X	P	H	N	U	W	V	O	Z	N	J
S	C	T	H	G	I	L	N	U	S	E	U	Y	C	N
P	P	E	S	S	M	S	I	N	A	G	R	O	H	R
Y	V	J	Y	Q	L	A	M	I	N	A	B	W	O	I
O	Y	R	O	T	C	A	F	C	I	N	A	G	R	O
K	A	Q	N	C	G	F	O	S	S	I	L	J	V	Q
S	I	S	E	H	T	N	Y	S	O	T	O	H	P	D

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