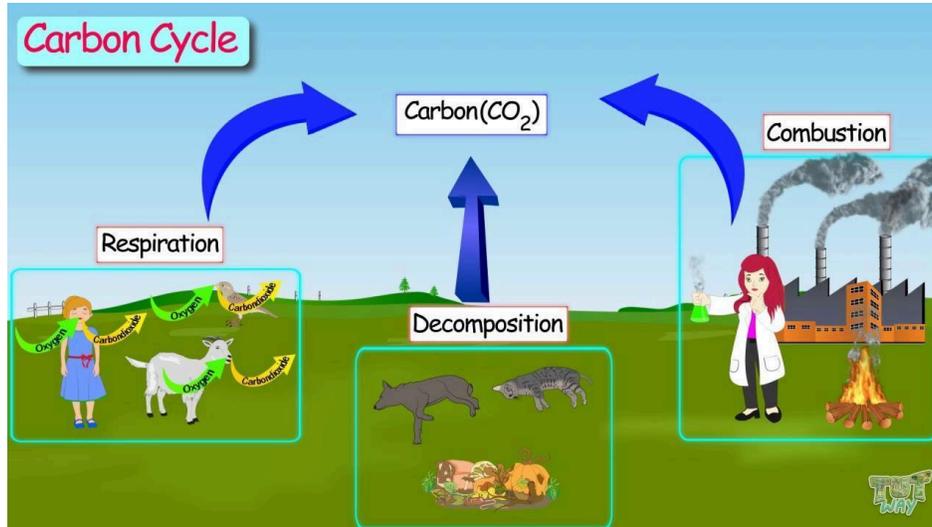


The Carbon Cycle

Directions: You are going to watch a video about the Carbon Cycle. As you watch the video be sure to learn about all the stages of the carbon cycle. You will be asked about each stage of the cycle so pay close attention.



Understanding the Carbon Cycle

1. What are the five major locations where carbon recycles on Earth?

Write your answer here:

2. Describe how carbon is absorbed by autotrophs and its role in photosynthesis.

Write your answer here:

3. Explain the exchange of carbon between plants and animals in the terrestrial biosphere.

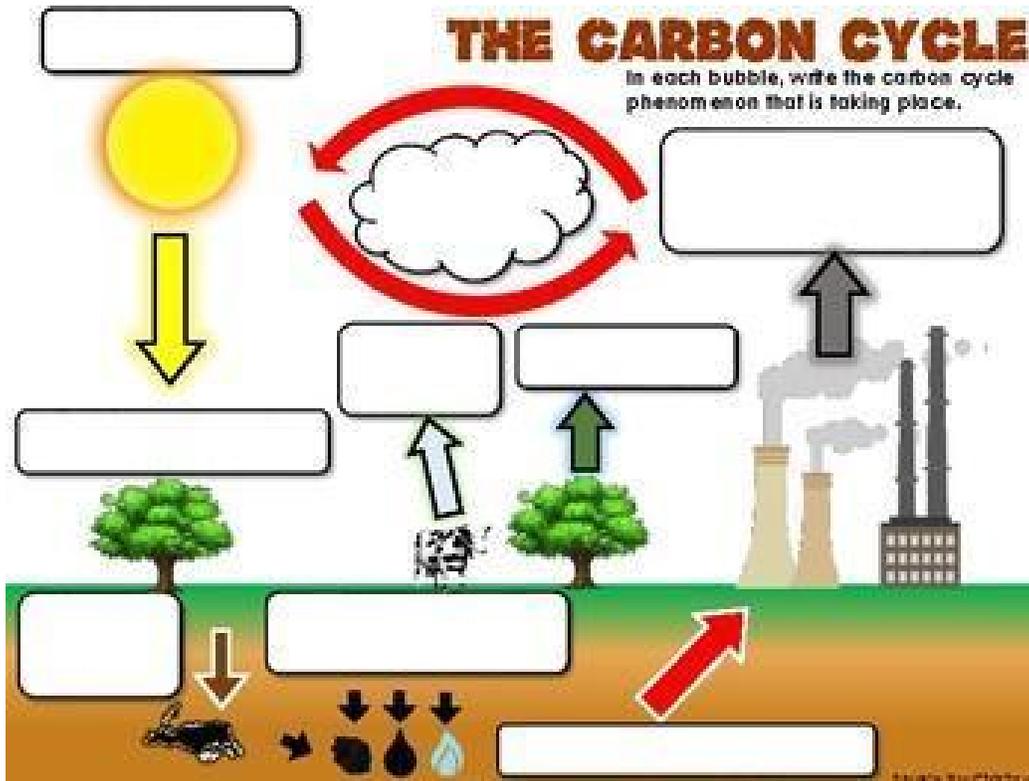
Write your answer here:

4. What impact do humans have on the carbon cycle, particularly regarding fossil fuels and deforestation?

Write your answer here:

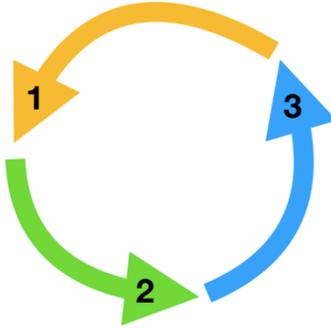
WHAT IS THE CARBON CYCLE?

Directions: Now that you learned the basics of the Carbon Cycle, fill in the blanks on the image of the steps of the Carbon Cycle, and use the space below to write a short explanation of how the Carbon Cycle works.





BE A CHANGE AGENT! – WHAT CAN WE DO TO CLEAN THE AIR?



Directions: Now that you know a little more about how Carbon is cycled through our environment, explain how we can remove CO₂ from the air and add more O₂ into the air? Use words like “Decomposition”, “Respiration”, & “Combustion”?

RECORD YOUR VIDEO: TELL THE STORY

Direction: It's your turn to tell the story! You will record a 1-2 minute video explaining what the word "*Organic*" means. In this video you will explain how the Carbon Cycle is happening in a place like Trader Joes. In your video be sure to use the words "*Respiration*", "*Photosynthesis*", "*Decomposition*", and "*Combustion*".

