

BIOGEOCHEMICAL CYCLES

Since we have learned about how rocks cycle through the environment, we will now explore the movement of some essential materials (elements and compounds) that living and nonliving factors cycle through the Earth. Your group will be assigned one of the three materials listed below. You are responsible for researching that material's cycle and drawing **at least 3 different stages** it goes through. You must collect facts about those stages and explain what drives the movement of each part of the cycle. Be sure to include drawings of the living and nonliving factors that use or produce the material in each stage. (For example, a living factor might be a horse, while a nonliving factor might be clouds.)

Materials (Elements or Compounds)

Water

Carbon

Nitrogen

Research

Add the facts you find to the table below.

Stage	Where does it take place on Earth?	What happens in this stage?	Resource
First Stage			
Second Stage			
Third Stage			

Gallery Walk

Cycle	Sketch the cycle; label where it was happening and the living or nonliving factors that used or produced the material.
Water	
Carbon	
Nitrogen	

How do Earth's materials cycle through living and nonliving components?
