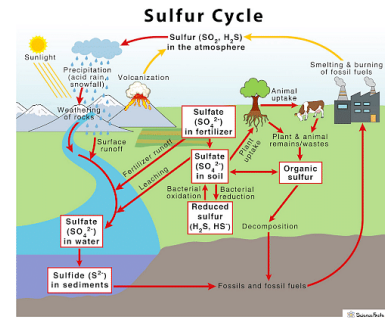
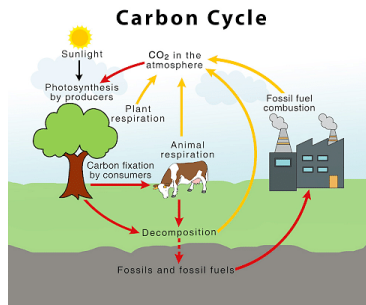
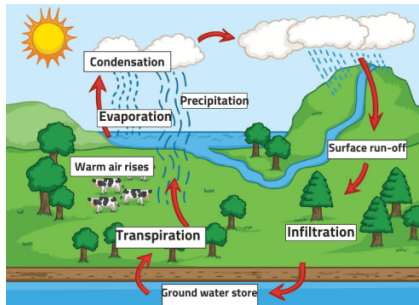


# Day 10 - Biology - 9-5-24 to 9-6-24

## CLASSWORK - BioGeoChemical Cycles



### 1) READ/OUTLINE: (20 min)

<https://agriculturistmusa.com/types-of-biogeochemical-cycles-with-examples/>

Read about the basic six types of biogeochemical cycles.

Summarize the information given, and as a class, we will discuss what information is important.

### 2) VIDEO NOTES: (30 min)

a) Biogeochemical Cycles - Bozeman Science

<https://www.youtube.com/watch?v=Bn41IXKyVWQ>

b) Carbon and Nitrogen Cycles – Amoeba Sisters

<https://www.youtube.com/watch?v=NHqEthRCqQ4>

c) The Nitrogen Cycle: Jimi Sol

<https://www.youtube.com/watch?v=A8qTRBc8Bws>

d) Nitrogen and Phosphorus Cycles – Crash Course

[https://www.youtube.com/watch?v=leHy-Y\\_8nRs](https://www.youtube.com/watch?v=leHy-Y_8nRs)

### **3) EXPLAIN/DRAW:**

Take a sheet of blank paper, roll into a tube, and fold to make three boxes.

Explain, illustrate, and label your drawings of the six biogeochemical cycles.

#### **FRONT**

##### 1) Water (hydrologic) Cycle

<https://www.khanacademy.org/science/biology/ecology/biogeochemical-cycles/a/the-water-cycle>

##### 2) Oxygen Cycle

<https://www.britannica.com/science/oxygen-cycle>

##### 3) Carbon Cycle

<https://www.noaa.gov/education/resource-collections/climate/carbon-cycle>

#### **BACK**

##### 4) Nitrogen Cycle

<https://extension.missouri.edu/publications/wq252>

##### 5) Phosphorus Cycle

<https://www.britannica.com/science/phosphorus-cycle>

##### 6) Sulfur Cycle

<https://www.britannica.com/science/sulfur-cycle>

#### **4) HOMEWORK:**

- 1) Complete your **Read/Outline** assignment.
- 2) Finish your **Video Notes** assignment.
- 3) Complete your **Explain/Draw** assignment.

*Submit on Schoology by Sunday evening at 11:59 pm*