

2016 West Sacramento FFA Chapter Officers

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Carbon Cycle Activity P. 47 NB

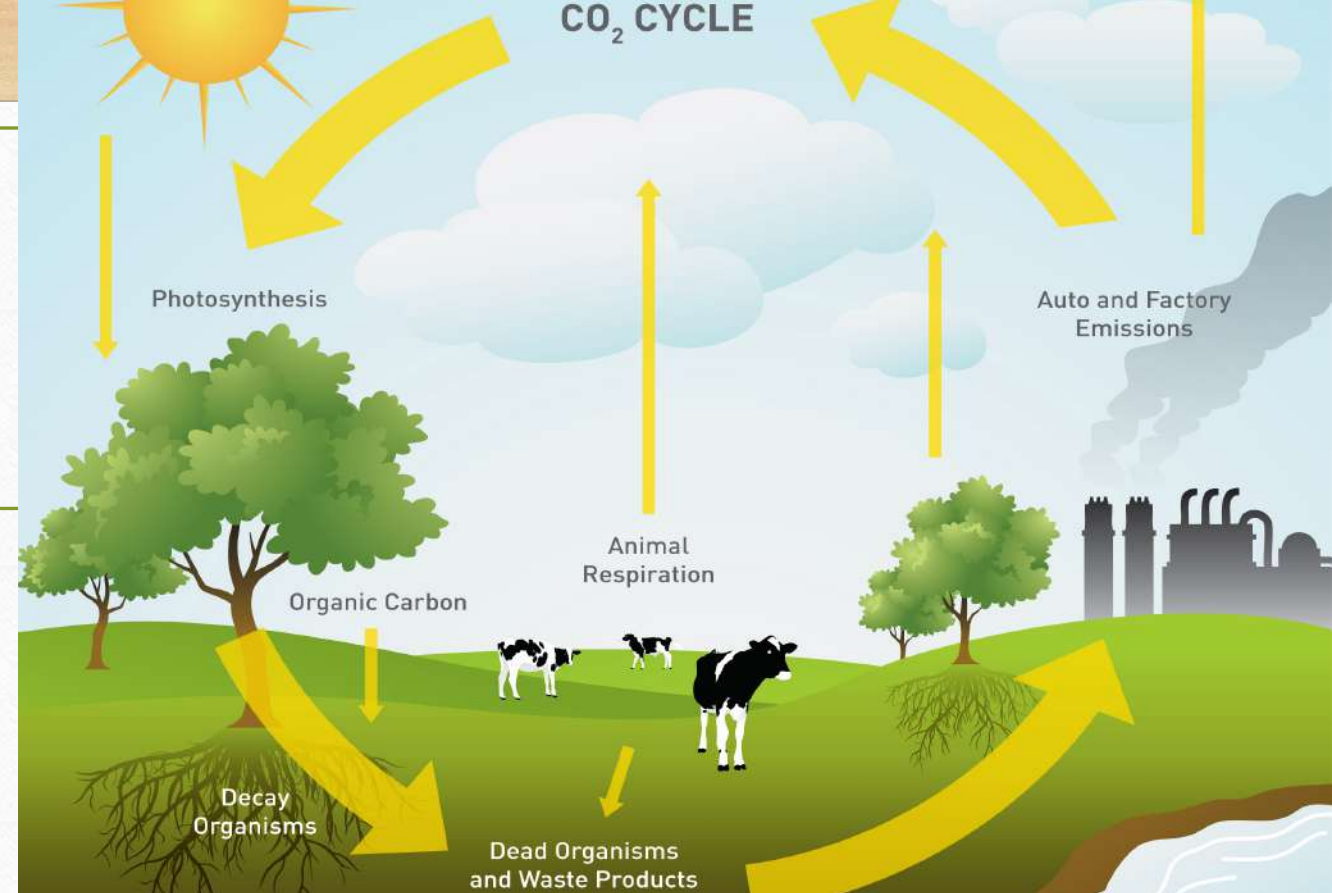
- PhET – Chemistry Greenhouse Gas
 - What is the difference between a sunlight photon and an infrared photon?
 - How does the simulation let you manipulate the environment to increase CO₂ Production?
 - Suggest a possible solution to our global increase in CO₂.

9/19 The Carbon Cycle

Obj. TSW explain how the carbon cycle works and why it is important.

P. 44 NB

1. What is the Carbon Cycle?
2. How are we part of it?
3. Name two processes that are part of the carbon cycle.



What do you think will happen to the temperature of the two bottles?

p. 45 NB

Demonstration!

What is Global Warming?

How is this an example of the Carbon cycle?

P. 21 PDF



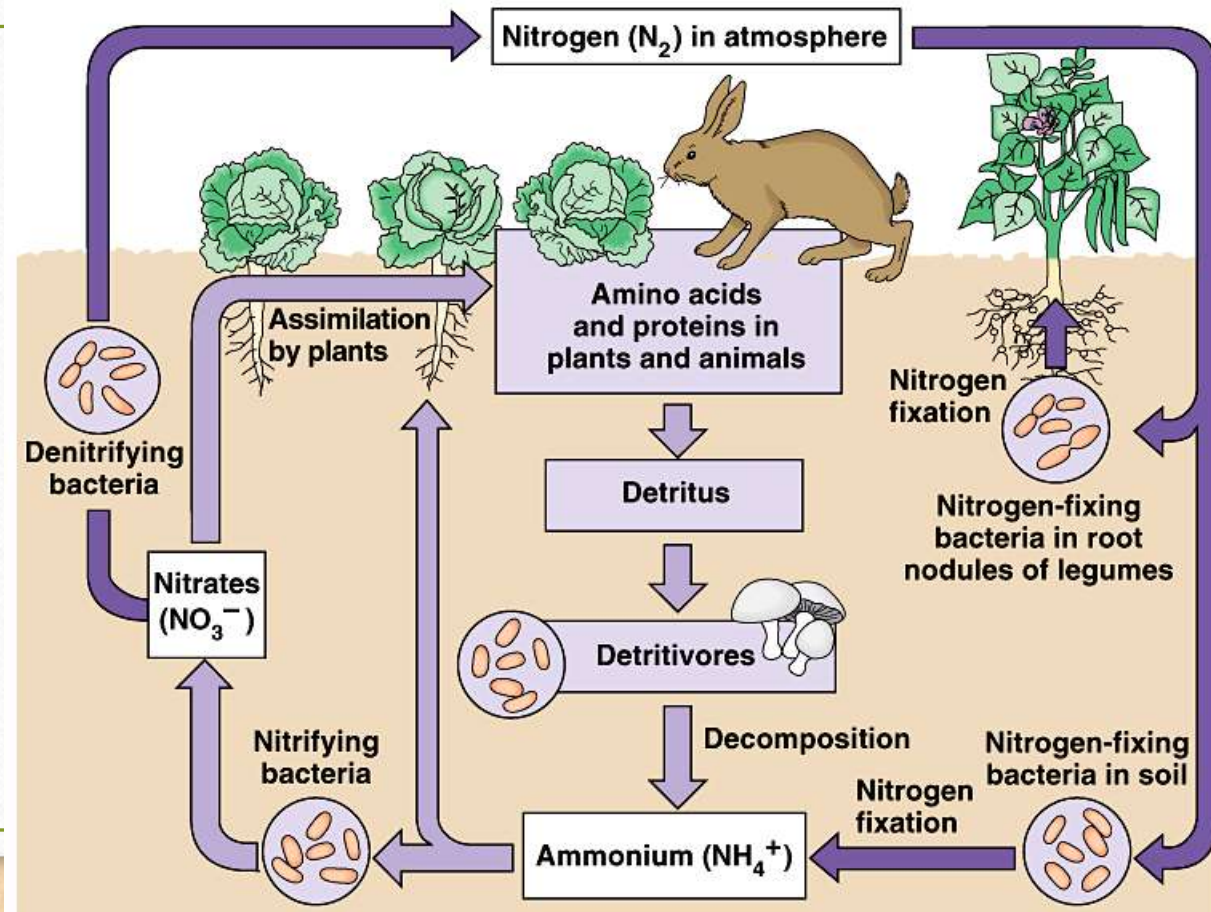
Carbon Cycle

- Wednesday – Computer Lab PhET – Chemistry Greenhouse Gas
 - Study the other cycles in Nature
 - McAllister Will grade your Notebook P. 35 -44 50 points
 - Work on typing up your project
 - Do research on your project
 - Research <http://hmclause.com/>
 - <http://calrice.org/>
 - <http://www.farmersrice.com/>

9/20 Nitrogen Cycle

Obj. TSW explain the Nitrogen cycle and why it is important. P. 46 NB

1. What is the Nitrogen Cycle?
2. Why is the Nitrogen cycle important?
3. Name a process in the Nitrogen Cycle.





Projects p. 29 NB



- What can you do to make a positive difference in our garden?
- How can you be part of the solution to feed healthy food to our fellow students?
- How can you help make our garden be more sustainable?
- How can you help make our school more sustainable?
- How can you help inspire a younger generation to grow healthy food?

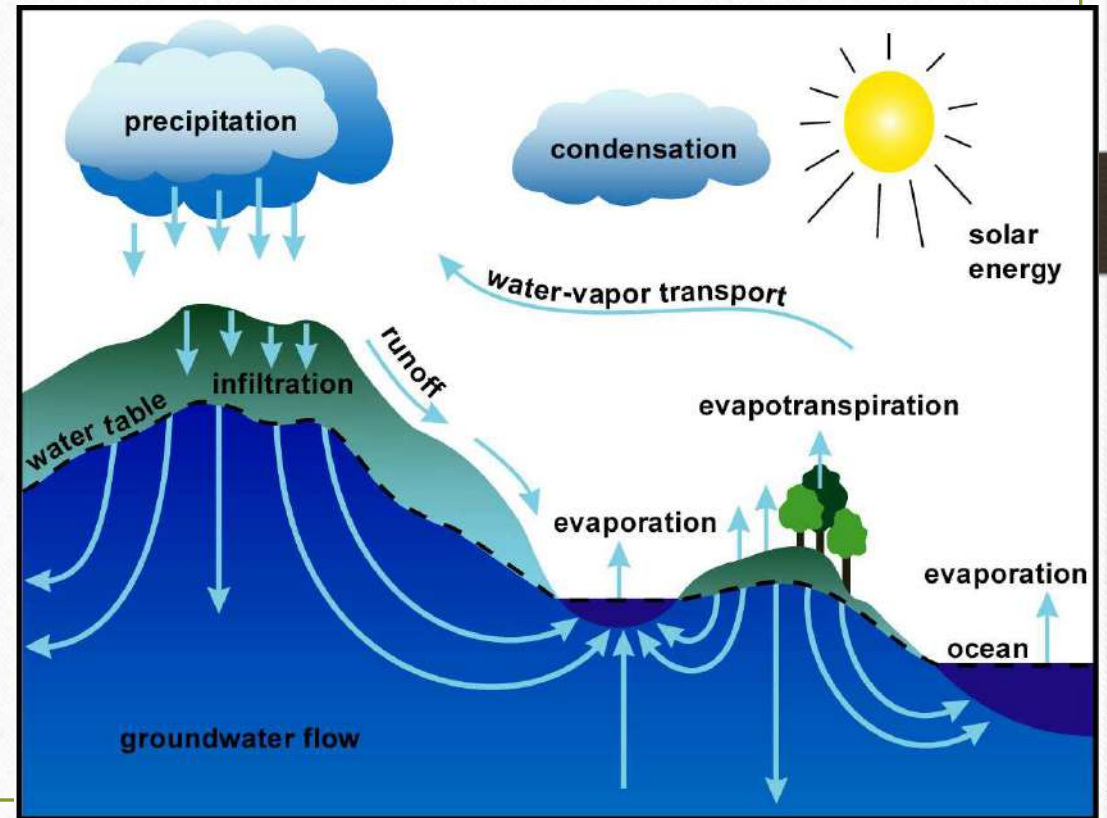
Project Ideas – Need more Diversity

- Explore the benefits and costs of Solar
- Explore the benefits and costs of Biodigestion, Composting, Recycling
- Explore and learn about what it takes to maintain the school property.
- So Far we have: **watermelon**, milk, flowers, **strawberries**, Flower bed, Flowers for the Administration, growing rice, growing black berries, raspberries, three types of liquids to water with, pumpkins, carnations, carrots

9/21 The Water Cycle

Obj. TSW explain the water cycle and why it is important. p. 48 NB

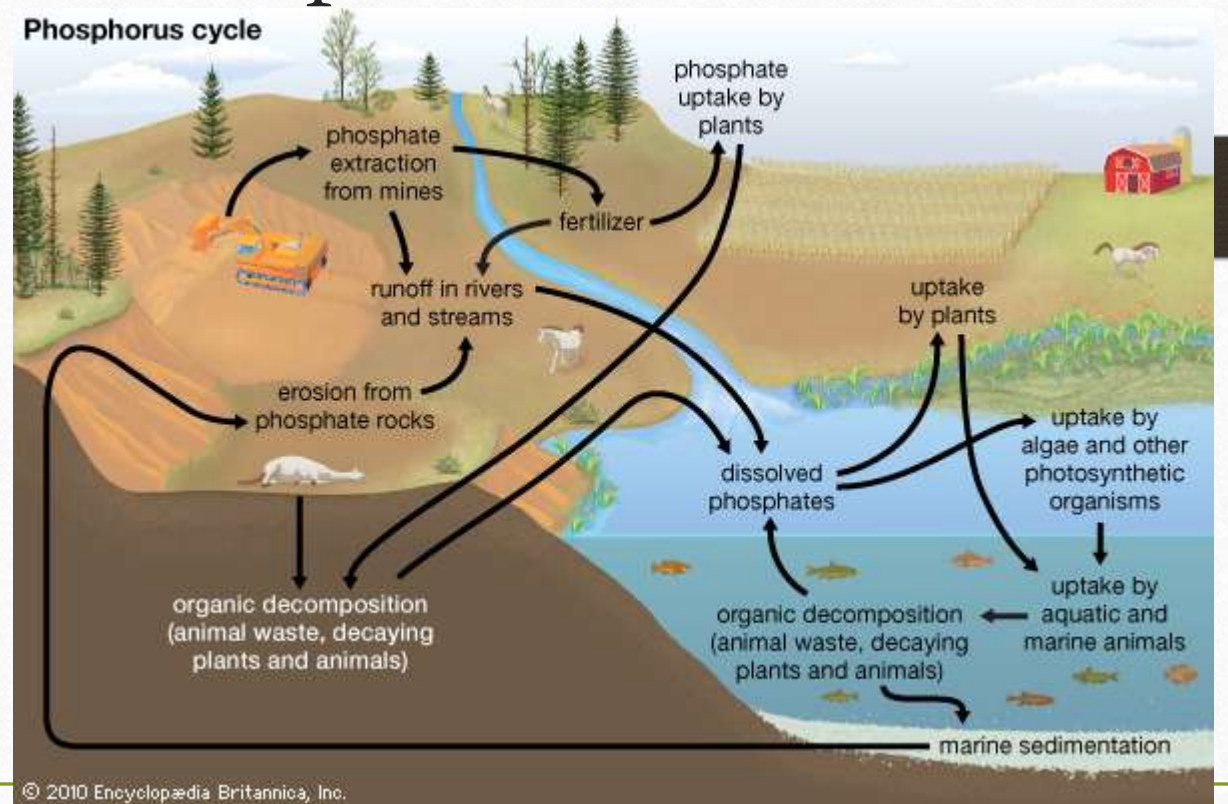
1. What is the Water Cycle?
2. Why is the Water Cycle important?
3. What are some processes in the Water Cycle?



9/22 Phosphorous Cycle

Obj. TSW explain the phosphorus cycle and why it is important. p. 50 NB

1. What is the Phosphorus Cycle?
2. Why is it important?
3. What are some of the processes in the Phosphorus cycle?



9/23 Cycles in Nature
p. 52 NB
