

Lesson – Earth Cycles

Standard - S6E3. Students will recognize the significant role of water in earth processes.
b. Relate various atmospheric conditions to stages of the water cycle.

Grade Level – 6th grade

Unit Title – Forestry

Enduring Understanding – There are many important earth cycles that cause the earth to function as a unit.

Essential Questions – How do the earth cycles work together? How do natural resources affect your life?

Objective – The students will be able to label and present six different earth cycles to 95% accuracy in a graphic organizer.

Interest Approach – List 5 natural resources.

Word Wall – Nitrogen cycle; Water cycle; Carbon cycle; Complete metamorphosis; Incomplete metamorphosis

Activity

1. Each student will create a 6-section graphic organizer and label them with the following titles – the seasons, nitrogen cycle, water cycle, carbon cycle, mammal life cycle, or insect life cycle.
2. Using the books and laptops in the classroom students will research the cycles and draw and label each cycle.
3. They will then present a cycle to the class.
4. Other students will take notes on the presentations.

Rubric

Includes all six cycles	30 points/5 each	
Detailed	20 points	
Accurate information	20 points	
Picture for each cycle	20 points	
Neatness and creativity	10 points	
Total	100 points	

Review – Students will go to the Smartboard and draw and explain a cycle. Students who are not presenting will take notes on the presentations.