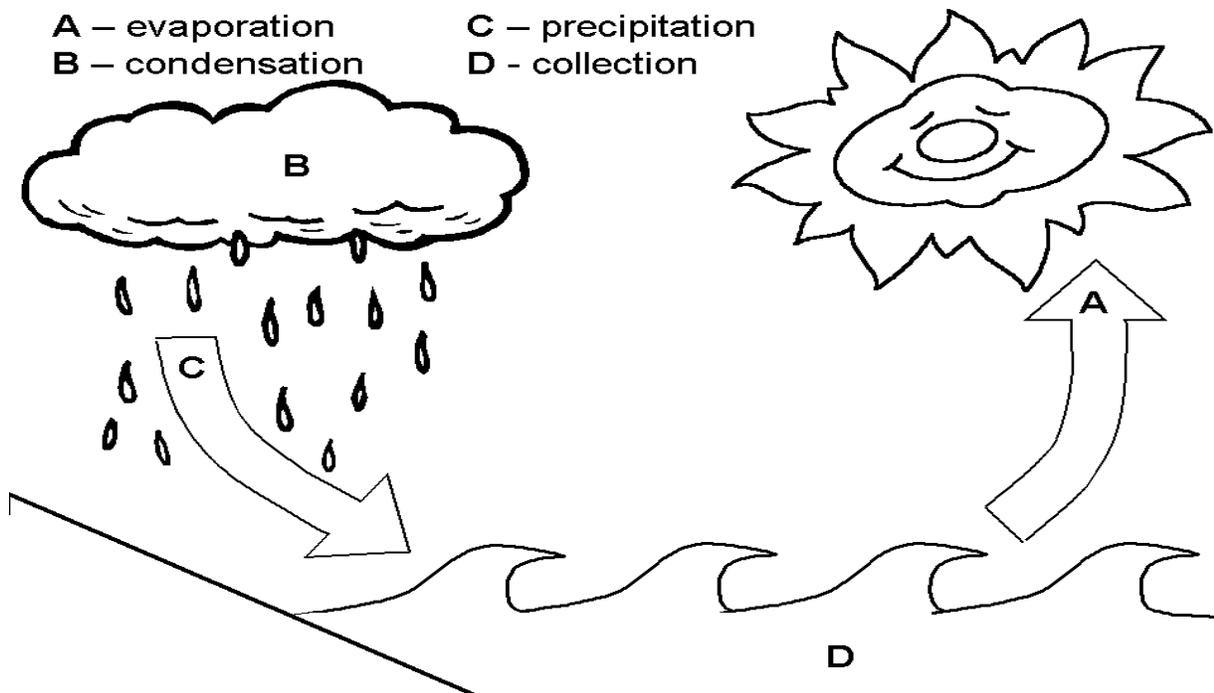


June, 2013

Dear Patricia Roush and the Three Lakes Association:

I am pleased to send you and the Three Lakes Association a summary of the work, activities, and field trip information provided by funding from the Three Lakes Association. Included here is a picture of the water cycle used with the class.



We created a folder as a writing journal to reflect the learning about the water cycle and well as the area watershed. Some pictures are evidence of the classroom work.







Also included are the vocabulary words of: evaporation, precipitation, condensation, and collection. These vocab words are included in their folder and were used from:

<http://www.kidzone.ws/imageschanged/water/bwatercycle2.gif>

Reader's theater was also fun to perform the "Water Cycle Adventure"!

Here is the website for the script that was used:

<http://www.enchantedlearning.com/rt/weather/watercycle.shtml>

The field trip of "Grass River Natural Area" included:

1. ***"The Wacky World of Water:"*** The class learned and observed water as it moves through the natural area. The water cycle,

erosion, and sedimentation and the purpose/function of our local wetlands were covered.

**“WACKY WORLD OF WATER”
Vocabulary Definitions**

1. condensation—the act of water vapor being changed into liquid water
2. erosion—the blowing or washing away of rock or soil on the earth’s surface
3. evaporation—happens when water changes from a liquid into a gas; this gas, called water vapor, makes clouds
4. ground water—water that seeps below the surface of the ground and fills interconnected pores in the soil and cracks in rocks
5. precipitation—falling products of condensation in the atmosphere as rain, snow, hail
6. run-off—rain which flows off from the land in streams
7. sediment—mineral or organic matter deposited by water, air or ice
8. sedimentation—the accumulation of sediment
9. water cycle—the change in the state of water that happens over and over again
10. watershed—high ridged land that separates two drainage areas
11. wetland—land that has water in it and on it; wet spot, bog, marsh, swamp, lake river, slough, oxbow, pothole; a place where you can get your feet wet

2. “Magnificent Flying Machines” : Bird Study

3. “Adapt or Die” : Animal Habitat

Included here are some pictures of our trip:



Magnificent Flying Machines



Watershed



Watershed Study



Microorganisms study



Watershed Demonstration

The “Earth Force: Elementary Watershed Field Kit” was used to study more of how the area watershed functions in our area.

EARTH FORCE Elementary Education Watershed Field Trip

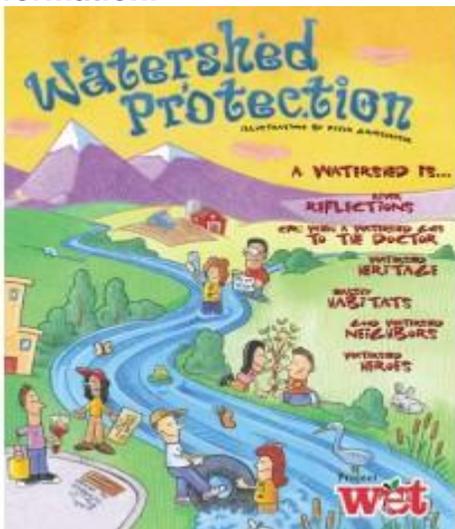


Study the environment and the effect humans have on nature through actual field study! This fun, economical kit helps tell The Watershed Story, an excellent way to explain a watershed and how it relates to nature that students encounter every day. Teacher's manual provides guidelines on taking a field trip, conducting water quality tests, and data sheets for collection and interpretation of data.

Also used to help understand the importance of the watershed:

“Watershed-Protection Kids Activity” Booklet

Shedding light on water! Through this book, watersheds not only come to life, but kids will discover how to help protect the many types of life that live in these special habitats. Filled with engaging activities, students will soak in every drop of information.



The “*Science Spin*” of the *Weekly Reader* was also used throughout the year to enhance the learning of many different concepts of science.

I wish to thank you and the Three Lakes Association for the grant to help make the learning of many different science concepts for my classroom of second & third graders.

Sincerely yours,

**Randall Atwood
Rapid City Elementary School
rjatwood@kpschools.com**