



ROCK EAGLE 4-H CENTER

WATERSHED STUDIES

VOCABULARY

ROCK EAGLE'S ENVIRONMENTAL EDUCATION FIELD STUDY

Buffer Zone: Land areas directly influenced by a body of water; usually have visible vegetation or other physical characteristics showing this water influence.

Evaporation: Converting moisture into vapor

Infiltration: The act of liquid passing through interstitial spaces or pores.

**Non-point Source
Pollination** Harmful substances emitted indirectly into a body of water (ex: fertilizer from a farmer's field due to rain).

**Point Source
Pollution:** Harmful substances emitted directly into a body of water

Precipitation: Water that falls in the form of rain, snow, or sleet from the clouds

Runoff: Water running over land into nearby streams or lakes

Transpiration: Water vapor being pulled from the stomata (pores) on plant leaves.

Watershed: All of the land area that contributes runoff to a particular body of water.

Making the best better!



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WATERSHED STUDIES

PRE-POST TRIP ACTIVITIES

What watershed are you in?

Determine what watershed your school is in by looking at various maps. A great resource is the Environmental Protection Agency at <http://www.epa.gov/surf/>.

Adopt a Watershed

Work with the Environmental Protection Agency and monitor your local watershed. Look at <http://www.epa.gov/adopt/> for more information.

Paper Watershed

Students see how large watersheds can be by making a paper watershed. Each student wrinkles one piece of paper into a ball. After unwrapping the paper ball (but don't flatten!), the students will use washable markers to color the bumps green (represents land) and the wrinkles blue (represents streams, lakes, etc.). Then the students take spray bottles and spray their paper.



Making the best better!