



Resource Researchers



3rd Annual Christmas Play Day

WHO: You (all kids K-5th grade)

WHERE: Platte County 4-H Building

WHEN: December 22, 2008
1:30 – 3:30 p.m.

Come join the Platte County Resource District staff in an afternoon of fun! We will be making several Christmas crafts and treats while your parents can finish all of that last minute shopping! Space is limited so please RSVP!

RSVP: Becky Shoemaker at the PCRD Office
307-322-9060, ext. 10 or
becky.shoemaker@wy.nacdn.net



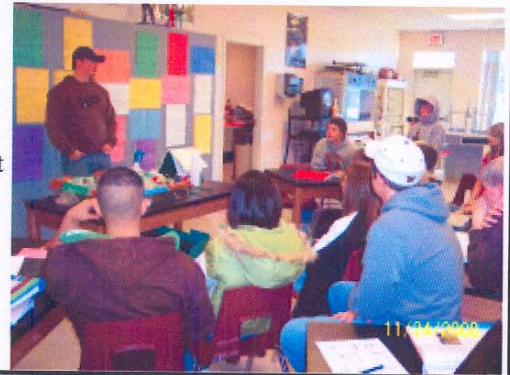
Merry Christmas!



Ms. Britton's High School Science Students Explore Point and Non-Point Source Pollution with Enviroscape Model

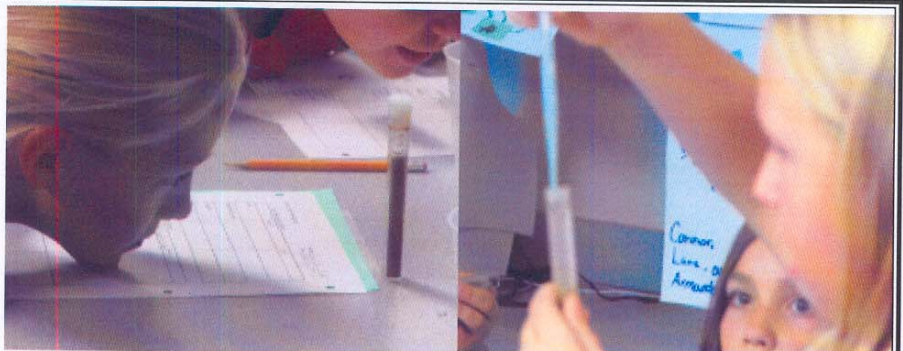
Is the lake polluted because of the industrial plant dumping waste into the stream leading to the lake? Perhaps it is the clear cut forest's soil erosion washing into the system. Or maybe it's the vehicles leaking oil and fuel onto the highway. No, it's not the game Clue, but rather a watershed simulation model called the enviroscape. Ms. Britton's high school science classes explored possible sources of pollution, whether they were direct (point) or indirect (non-point) sources of pollution, and then tested the watershed system again after applying some best management practices and discovered they could help keep our watersheds cleaner.

One of Ms. Britton's classes watch Brandon West as he explains the enviroscape model to the students.



Sixth Graders Study Soil and Water in the Classroom and Outdoors

Students in Ms. Freitas' science classes conducted two days of lab studies on soil and water samples in the classroom. They tested soil samples by dividing them into layers using alum, tested soil pH, used a Tullgren funnel to study insect life, and visually observed soil qualities. Water was tested for pH, nitrates, temperature, and dissolved oxygen. The students then ventured to the Little Reservoir and Festo Lake where they conducted similar tests in a field study. All 6th grade students attended the field trip and not only studied science outdoors, but math, English, and social studies as well. It was a great day to study the outdoors!



Above: A student looks at soil test results.

Top Right: Students add a solution to a soil sample to separate the soil's qualities.

Bottom right: Students at Festo Lake study grasses and forbs.

