

World Water Monitoring Day 2008

In Celebration of World Water Monitoring Day and Children's Environmental Health Month, on October 16, Blue Ridge Junior High School science students tested the water quality at Big Springs Environmental Study Area.



October 23, 2008

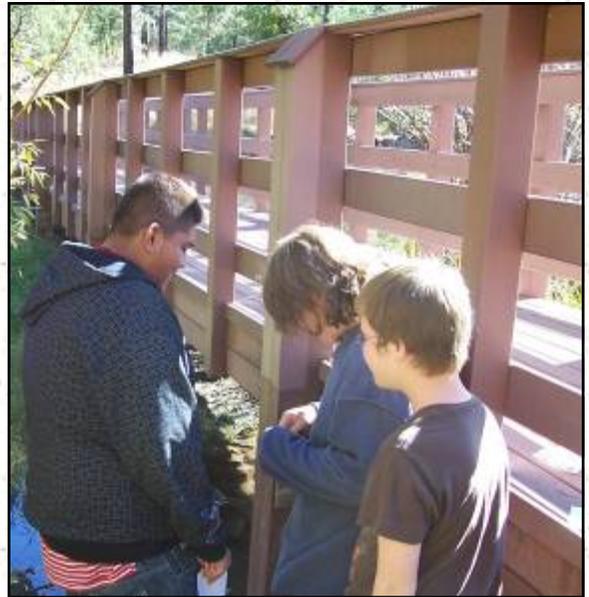
With the support of the Arizona Department of Environmental Quality and Show Low Creek Watershed Enhancement Partnership, Ms. Moseley's second and third hour 8th Grade science classes collected water samples from Walnut Creek and Big Spring, within the Big Springs Environmental Study Area. Using World Water Monitoring Day test kits, students tested the water for temperature, pH, turbidity (clarity) and dissolved oxygen, indicators of the general health of surface waters. The data were recorded and will be uploaded to a water quality database, where they will be included in a world-wide, publicly-available report.

The students are naturally curious about the environment in which they find themselves. The Big Springs Environmental Study Area is a great last treasure nestled in a small town for future generations to have. True science happens here.





What great explorations we encounter with serendipity!



Students in Science classes from the JHS at Blue Ridge are testing water quality for a global water monitoring project. Students are working in groups to assure their measurements are accurate. Getting into a natural settings for learning is the only way some students really learn in a meaningful way. Learning about natural systems creates concerned citizens.





Water quality testing becomes directly relevant to students' lives. Students compared a natural spring that bubbles across and up from cracks in the deeply natural layered bedrock to the surface in a pristine pond. Comparisons were made with the attached Walnut Creek.



When students have the tools and the opportunities to create and design their own learning, team work and cooperation result in an approach to a true educational success reflected in student behavior.



Today's
students
become
tomorrow's
stewards.
In nature
we find
answers.





“I believe America’s greatest resource is our children. Providing experiences for students to develop awareness and appreciation of the dynamic and complex relationships among all living things leads them to a greater commonality: water quality. They are the future.”

*MaryAnn Moseley
concerned in ecological
approaches to learning*

