



# Wyoming Department of Education

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## MEMORANDUM NO. 2007 - 084

**TO:** School District Superintendents  
**FROM:** Jim McBride, Ed.D.   
**DATE:** April 20, 2007  
**SUBJECT:** Teacher Workshops at Yellowstone

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### INFORMATION TO SHARE

Attached is information we have received from Sarah Richey from the Yellowstone Association. Please share this with the staff in your school.

JM:cr



YELLOWSTONE  
ASSOCIATION

P.O. Box 117, Yellowstone National Park, WY 82190 • 307-344-2293 • [www.YellowstoneAssociation.org](http://www.YellowstoneAssociation.org)

April 9, 2007

Hello Wyoming Teachers:

Greetings from the Yellowstone National Park Service and the Yellowstone Association Institute! We are writing to invite you to our 2007 teacher workshops, as well as to let you know about a special scholarship opportunity for Wyoming teachers.

This year we are offering three teacher workshops here in Yellowstone:

*No Child Left Indoors!* July 23-26, 2007

*What Lies Beneath*, October 18-21, 2007

*Hunter, Hunted*, November 8-11, 2007

Yellowstone is the classroom, where workshop participants will be immersed in the dynamic geology, ecology, biology and human history of this wild landscape. Each workshop is brimming with exciting content and integrated, interdisciplinary teaching methods that bring complex concepts to life back in the classroom. All lessons are correlated to Wyoming curriculum standards. For each workshop, two graduate level semester credits are available through Colorado State University. Please see attached workshop descriptions for more information.

A generous grant from the Daniels Fund will enable the Yellowstone Association to provide **free tuition, lodging, meals, and curriculum materials for grade 4-8 teachers and principals from Wyoming**. The Daniels Fund operates the Daniels Fund Scholarship Program and the Daniels fund Grant Program in Colorado, New Mexico, Utah, and Wyoming. The Fund was established in 1997 by Bill Daniels, a pioneer in cable television known for his kindness and generosity to those in need.

Please contact the Yellowstone Association for more information at 307-344-2294 or visit our website: <http://www.yellowstoneassociation.org/about/pressreleases.aspx>. We hope you'll join us for these enriching workshops as we immerse ourselves in the natural wonders of Yellowstone for an outstanding learning experience that you can bring back to your classrooms!

Sincerely,

Sarah Richey  
Institute Program Manager

# LESSONS FROM THE WILDEST CLASSROOM ON EARTH:

## Teacher Workshops Inside Yellowstone National Park

### ***No Child Left Indoors!***

*July 23-26, 2007 Lamar Buffalo Ranch \$335 for tuition & meals (lodging extra)*

This workshop will introduce teachers to the Expedition: Yellowstone! curriculum. This award-winning curriculum has been taught to tens of thousands of school groups visiting Yellowstone's Lamar Valley since 1985. It has been augmented and strengthened over the years, and now stands as an incredible resource for any educator desiring to bring students to Yellowstone, as well as for those wanting to enliven classroom-based lessons with park relevant material. Workshop content will be organized thematically by day, covering ecology, geology and human history of the Yellowstone region through an integrated, inter-disciplinary approach. All lessons are correlated to Wyoming Math, Science, Language Arts, Art and Social Studies standards. Instructional methods include observation, role play, interview, research, simulation and analysis of real data. All participants will receive a copy of this curriculum and other resources for the classroom.

### ***What Lies Beneath***

*October 18-21, 2007 Old Faithful \$400 for tuition (meals and lodging not included)*

Yellowstone is one of the most geologically dynamic places on earth. It provides evidence of past, present and future forces shaping this landscape and the planet on a grand scale. By introducing geology in this rich field setting, complex concepts are easily understood and immediately relevant. Course content includes magma and hot spots, future volcanic activity, geyser basin systems, Yellowstone Lake bottom surveys, earthquakes, glaciers, sedimentation and erosion, and fossils. Instructors will use an inter-disciplinary approach to teaching geology, with lessons appropriate to both classroom and field settings. Lessons will be correlated to Wyoming Math, Science, Language Arts, Art and Social Studies standards. A special session will demonstrate the integration of visual art and geology utilizing a cold-water batik process. Additional methods will include observation, measurement, simulation, modeling and research. Emphasis will be placed upon the incorporation of real research data and best methods for use in the classroom. Participants will receive copies of all instructional materials used during the workshop.

### ***Hunter, Hunted***

*December 6-9, 2007 Lamar Buffalo Ranch \$335 for tuition & meals (lodging extra)*

Yellowstone is the stage for the dynamic life-and-death dance between predator and prey. Understanding how predator/prey interactions influence the primary players, other predators, scavengers, and even vegetation will be the focus of this workshop. Specifically, teachers will learn about Yellowstone's major carnivores, such as the cougar, the grizzly, and the wolf, as well as some of the lesser-known carnivores, including the coyote, lynx, wolverine, otter and badger. How do these animals hunt? What is their prey, and how does it escape? The group will also learn about life cycles, behavior, and population dynamics through the demonstration of engaging learning activities appropriate for both field and classroom settings. Lessons will be correlated to Wyoming Math, Science, Language Arts, Art and Social Studies standards using an inter-disciplinary approach. Methods of instruction will include observation, simulation, role playing, and research. Special emphasis will be placed on the incorporation of real research data and best methods for its use in the classroom. The societal, land, and community issues related to predators will be addressed from all perspectives, with the balanced approach that is the hallmark of Association courses. Participants will receive copies of all instructional materials demonstrated during the workshop.

*Offered in partnership with the National Park Service and the Yellowstone Association Institute.*

Call 307-344-2294 or visit [www.YellowstoneAssociation.org](http://www.YellowstoneAssociation.org) for more information.