



# 2010 Education Programs

## Face to Face



We have a big responsibility in the National Park Service to support our mission as stated in the Organic Act of 1916: “to

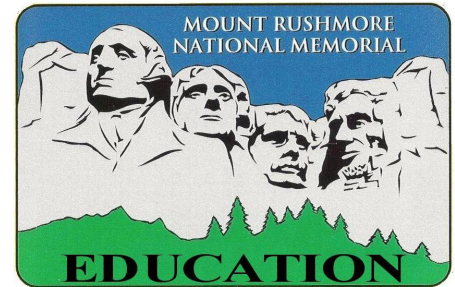
conserve the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner as will leave them unimpaired for the enjoyment of future generations.”

What comes into focus as we plan our education outreach is that we are part of a bigger picture and a larger team. Not only do we need the contributions of colleagues and educators in our conservation and preservation efforts, but we need the consciousness and commitment of the younger generation as they grow in their awareness of civic responsibility and citizenship. As young people experience the joy and wonder of our natural world and learn about the resources protected in our national parks, they become the stewards of these treasures for future generations.

We have designed classroom presentations, field trips and adult education opportunities so that current and future generations will learn how to appreciate and

preserve nature and history. Students may investigate the biodiversity of our national landscape and protect the interdependence of our web of life. They may experience the heritage of diverse cultures and preserve the legacy of our global story. They may research the Mount Rushmore presidents, preserve their lessons of leadership and realize their influence on today’s world.

We invite you and your students to become part of our preservation team. As Theodore Roosevelt said, “The nation behaves well if it treats



the natural resources as assets which it must turn over to the next generation increased, and not impaired, in value.”

Rhonda Buell Schier  
NPS Education Specialist  
Mount Rushmore National Memorial

## FIELD TRIPS TO MOUNT RUSHMORE

Mount Rushmore National Memorial welcomes school groups throughout the year for self-guided tours that include the movies, *Mount Rushmore - the Shrine* and the *Wild Side*, the Lincoln Borglum Visitor Center’s exhibit hall, and the half mile Presidential Trail. During our Field Trip Season, April 19 through May 14, school groups may participate in a ranger led activity in the historic Sculptor’s Studio. These ranger talks are available by reservation only.

To defray the cost of school bus parking at Presidential Parking Inc, teachers may apply to have bus fees paid by funds provided by the Mount Rushmore History Association.



Ranger Ed with a local school group

**To reserve a ranger-led program and to apply for bus parking fees to be paid, please see our website at [www.nps.gov/moru](http://www.nps.gov/moru)**

# MOUNT RUSHMORE RANGERS IN THE CLASSROOM

Available through April 16

Education outreach programs are designed to support South Dakota curriculum content standards and are available free of charge to Black Hills area schools.

*Please ensure that all students are prepared for the ranger programs with a pencil in hand.*

**To request a classroom program, please find the application online at [www.nps.gov/moru](http://www.nps.gov/moru)**

## FIRST GRADE

**Giants of the Black Hills (AVAILABLE THRU MARCH 9TH ONLY)**

Ranger Dave      30 minutes



Gutzon Borglum's monument to America grouped four leaders who brought the nation from colonial times into the 20th century. Students will explore Mount Rushmore from the sculpture to the animals through a PowerPoint program, hands-on activities and worksheets based on vocabulary, map reading, name recognition and animal identification. *Geography standard 1.G.1.2. Students are able to use a picture map to locate an address. Civics standard 1.C.1.1. Students are able to identify American symbols and landmarks. Life science standard 1.L.3.1. Students are able to relate characteristics of plants and animals that allow them to live in specific habitats. Listening and viewing standard 1.L.1.2. Students are able to recognize the importance of focusing on a speaker when listening.*

## SECOND GRADE

**Young Abraham Lincoln**

Ranger Ed      45 minutes

Through the exploration of the childhood through the presidency of Abraham Lincoln and the making of a book, students will learn what life was like in the early 1880's and compare and contrast living conditions of that era to those of the present. The students will learn about the education, homes, food and clothing of that time period and be able to make inferences about needs for the future. Students will examine conditions that led to Lincoln's leadership. *U.S. History Standard 2.US.1.1. Place important historical events in the order in which they occurred. 2.US.1.2. Compare features of modern-day living (food, shelter, clothing, transportation) to those of the past. 2.E.1.2. Explain the importance of making informed decisions about spending, borrowing, and saving.*

## THIRD GRADE

**The Legacy of Thomas Jefferson**

Ranger Ethan      30 minutes



One of the Founding Fathers and the third President of the United States, Thomas Jefferson helped shape our country as it is today. Students will explore Thomas Jefferson's role as the main author of the Declaration of Independence and will also learn of the importance of the Louisiana Purchase through a PowerPoint presentation and a hands-on map reading activity. *History standard 3.US.2.2 Students are able to identify a community's culture and history. Geography standard 3.G.1.1. Students are able to identify and use map components. Geography standard 3.G.2.1. Students are able to identify reasons people move and how it affects their communities. Civics standard 3.C.1.3. Students are able to explain the meaning and importance of the Constitution of the United States and Declaration of Independence.*

# MOUNT RUSHMORE RANGERS IN THE CLASSROOM

Available through April 16

## FOURTH GRADE

Life on the Rock

Ranger Marvin

45 minutes

Using a PowerPoint presentation, hands-on specimens, classroom discussion and a worksheet, students will learn about some of the types of life forms that exist at Mount Rushmore and how adaptations have made it possible for life to survive there. Students will also learn about the important relationships these life forms have with each other by creating simple food chains and discussing how changes in population or environment can affect the individual organisms and the chain as a whole. *Life Sciences Standard 4.L.2.1. Students are able to identify behavioral and structural adaptations that allow a plant or animal to survive in a particular environment. 4.L.2.2. Students are able to explain how a size of a population is dependent upon the available resources within its community. 4.L.3.1. Students are able to describe the flow of energy through food chains and webs.*

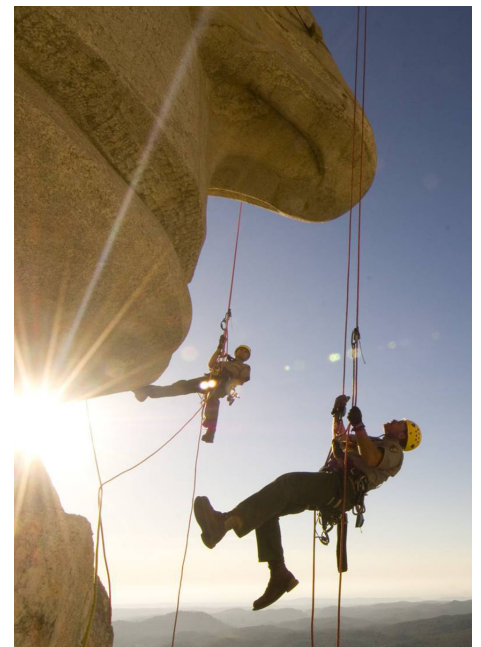
## FIFTH GRADE

Preservation of a National Icon (AVAILABLE IN MARCH & APRIL ONLY)

Ranger Blaine

45 minutes

Join Ranger Blaine to learn about the continued efforts to preserve America's "Shrine of Democracy." Extensive thought and effort has gone into attempting to slow the natural process of erosion. The preservation process takes planning, luck, ingenuity, the right tools, a little technology and the right partners. Students will work in groups using a two dimensional grid system to find four of the rock blocks within the sculpture, brainstorm ways of monitoring movement between the rock blocks, and present their ideas in class. Students will graph the cyclic movement of the memorial using actual data from one of the monitors within the rock block monitoring system displaying the variations in movement between the rock blocks within the sculpture. *Accessory Standards 5.M.1.4. Students are able to use appropriate tools to measure length, weight, temperature, and area in problem solving. 5.S.2.1. Students are able to classify probability of simple events as certain, likely, unlikely, or impossible.*



## THIRD, FOURTH & FIFTH GRADES

Becoming President

Ranger Jason

45 minutes

Forty three distinctly different Americans have served as President of the United States. This program will look at what qualities students think make a good president and compare those qualities with the three requirements that are laid out in the Constitution. The four presidents portrayed on Mount Rushmore as well as our current president will be used as examples with the hope that students will come to realize that even they could be President of the United States of America. *Social Studies (Civics) Standard 3.C.1.1. Students are able to explain human relationships and role in a community 3.C.2.1. 4.C.2.1. Students are able to identify the rights and responsibilities of citizenship in students' own communities. 4.C.1.1. Students are able to describe the way the government provides for the needs of its citizens. 5.US.1.3. Students are able to identify influential people and key events during the American Revolution. 5.C.1.2. Students are able to define and describe the roles of democratic government of the U.S. 5.C.2.1. Students are able to describe how volunteerism helped develop the U.S.*

# MOUNT RUSHMORE RANGERS IN THE CLASSROOM

## THIRD, FOURTH & FIFTH GRADES

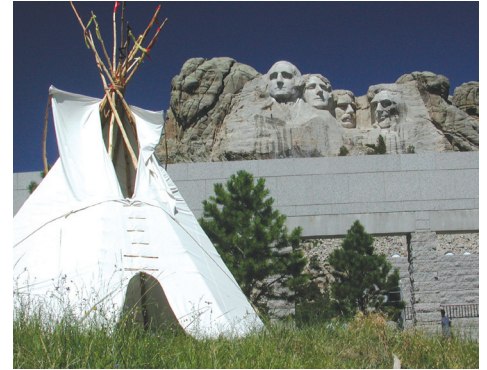
Lakota History in the Black Hills (AVAILABLE ON MONDAYS ONLY)

Ranger Kolette

45 minutes

Available through April 16

Students will develop awareness and sensitivity about Lakota history, values and lifestyle. They will join in storytelling, develop vocabulary and participate in hands-on learning activities about the Lakota way of life. They will learn about the importance of the Black Hills and why they are sacred to the Lakota people. *3.US.1. 1. Students are able to identify the obstacles and successes of the early settlers and Native Americans in creating communities. 3.US.2. 1. Students are able to describe characteristics of a community. 3.US.2. 2. Students are able to identify a community's culture and history. 3.C.1. 1. Students are able to explain human relationships and roles in a community. 4.US.1. 1. Students are able to explain factors affecting the growth and expansion of South Dakota. 4.US.1. 2. Students are able to identify basic environmental, economic, cultural, and population issues of concern to South Dakota. 5.US.1. 1. Students are able to differentiate the lifestyles of various Native American tribes.*



## 2010 Education Programs



### Key Dates for 2010

Park Rangers in the Classroom

Available through April 16, 2010

Field-Trips including a Ranger-led Program

April 19 - May 14, 2010

Please Register for Programs Online at [www.nps.gov/moru](http://www.nps.gov/moru)  
Applications must be submitted at least 2 weeks prior to your requested program date

If you have any questions, please contact:

Park Ranger, Marvin Achtenberg

[Marvin\\_Achtenberg@nps.gov](mailto:Marvin_Achtenberg@nps.gov), (605) 574-3184



Educational books, videos, and teaching materials are available from the Mount Rushmore History Association at [www.mtrushmorebookstore.com](http://www.mtrushmorebookstore.com)

Newsletter available online at [www.nps.gov/moru](http://www.nps.gov/moru)