



Distance Learning Education Programs



Do you live hundreds or thousands of miles away from Grand Canyon and wish you could bring your class to Grand Canyon?

Why not let Park Rangers bring Grand Canyon to your classroom?

The Environmental Education staff at Grand Canyon National Park has the capability to conduct interactive classroom presentations through distance learning video conferences. Schools with video conferencing dial the park's IP address or Skype account at the scheduled time to connect with a ranger. Our programs are **curriculum-based** (designed to meet national teaching standards) and are appropriate for a variety of age ranges. The programs are **free** and a great way to introduce your students to this amazing national park, and to a variety of scientific studies.

Teachers who have scheduled a distance learning program should prepare their students accordingly. Lesson plans and materials have been developed for each of our programs to help provide background knowledge on the topic of study. Teachers can access background information and pre-conference teaching materials at www.nps.gov/grca/forteachers/distancelearningopportunities.

Grade Level	Program Name	Program Description
Grades pre-school and kindergarten	Where the Wild Things Live	This program introduces students in pre-school and kindergarten to the differences between pets and wild animals. Students learn about some of the wild animals who live at Grand Canyon. (30-45 minutes)
Grades 2-5	Ancient Life	Students make inferences about the ancient animals found in the fossil record at Grand Canyon. Students will also learn about the ancient environments in which these animals lived. (30-45 minutes)
Grades 3-7	Layers in Time	Students learn the geologic story of Grand Canyon by focusing on principles of deposition, plate tectonics, down-cutting and erosion. This hands-on distance learning program connects students to past environments, the Colorado Plateau, and the powerful force of the Colorado River. (60 minutes)
Grades 4-8	Canyon Connections	This program focuses on animal and plant adaptations while introducing some of the amazing creatures that call Grand Canyon home. Students learn about the five diverse ecosystems found at Grand Canyon and the unique interrelationships found within them. (60 minutes)
Grades K-12	Ask a Ranger	Students prepare thoughtful questions ahead of time and spend a half hour with a ranger discussing Grand Canyon ecology, geology and human history. (30 minutes)



Distance Learning Education Programs 2012-2013

TO REGISTER:

Registration begins 7 am, Wednesday, September 5, 2012. Spaces are limited and registration is handled on a first-come, first-served basis.

1. Fill out a registration form. All forms are available online at: <http://www.nps.gov/grca/forteachers/distancelearningopportunities>, or by calling 928-638-7931
2. Once registration period opens, fax forms to 928-638-7691, or mail them to the address below
3. Wait for confirmation by email

SCHEDULE FOR THE 2012-2013 SCHOOL YEAR:

(programs only available Monday – Friday during the below dates)

- November 28 – December 14, 2012
- January 9 – 18, 2013
- February 27 – March 15, 2013

NOTE: Please be aware that Arizona is on Mountain Standard Time year-round and does not follow daylight savings time changes. From mid March to early November we observe the same time as Pacific Daylight Savings Time. November through March we are equivalent to Mountain Standard Time. This time difference may factor into the number of classes we can provide during your school day.

Programs cannot start any earlier than 8 am Mountain Standard Time. Please list all times on registration form in Mountain Standard Time format.

FOR ADDITIONAL INFORMATION ON OUR DISTANCE LEARNING PROGRAMS, CONTACT:

Grand Canyon National Park
Environmental Education Program
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Email: Amala_Posey@nps.gov

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