SEE LEARNING IN A WHOLE NEW LIGHT.

EDUCATOR ASTRONAUT PROGRAM
http://edspace.nasa.gov
NASA's Vision for the Educator Astronaut Program:

To motivate students and educators to study science, technology, engineering, and mathematics;

To attract more people to the teaching profession; and

To enable leading educators to reach beyond their local community and affect a larger, national audience.

EDUCATOR ASTRONAUT PROGRAM

For the first time, NASA is recruiting individuals with specific experience and expertise in K–12 education. NASA is looking for Educator Astronauts to help lead the Agency in the development of new ways to connect space exploration with the classroom. Selected Educator Astronaut applicants will be designated astronaut candidates and assigned to the Astronaut Office at the Johnson Space Center in Houston, TX. Educator Astronaut candidates must successfully complete a 1- to 2-year training and evaluation program prior to receiving a space flight assignment. Educator Astronaut candidates who successfully complete their training will be eligible for multiple flights aboard the Space Shuttle and, possibly, the International Space Station.

From the Administrator:

“NASA has a responsibility to cultivate a new generation of scientists and engineers. Education has always been a part of NASA’s mission, but we have renewed our commitment to get students excited about science and mathematics. The Educator Astronaut program will use our unique position in space to help advance our Nation’s education goals.”

http://edspace.nasa.gov
BASIC QUALIFICATIONS REQUIREMENTS AND APPLICATION PROCESS

To become an Educator Astronaut, applicants must meet the following minimum requirements prior to submitting an application:

A minimum of 3 years of in-classroom teaching experience within the past 4 years.

Certification as a K–12 educator.

A bachelor’s degree from an accredited college or university in one of the following areas:

- Education with a concentration in one of the following disciplines: mathematics, physical science, engineering, or biological science. A concentration means a minimum of 18 semester hours or equivalent (however, 24 hours is desired) in the respective discipline.
- Physical science.
- Biological science.
- Engineering.
- Mathematics.

The ability to pass a NASA Class II Space Flight Physical.

United States citizenship.

Application Procedures

- The application can be obtained online at http://edspace.nasa.gov

- The submitted application package must include the applicant’s résumé, the Educator Astronaut supplemental information sheet, a report of medical history, a supplemental medical history, race and national origin identification (optional), three essays, academic transcripts (with cover sheets), and four letters of recommendation (with cover sheets).

- Completed applications and required materials must be received no later than April 30, 2003. Applications and information not received by April 30, 2003, will not be considered.
FUNCTIONS OF AN EDUCATOR ASTRONAUT

An Educator Astronaut is a fully qualified member of NASA’s Astronaut Corps who has expertise in K–12 education. Educator Astronauts will perform the same activities that the current astronauts who are Mission Specialists perform on any Space Shuttle crew. Educator Astronauts will help coordinate Space Shuttle crew activity planning and operations, assist with science experiments, participate in International Space Station assembly and operations, and perform other assigned Mission Specialists’ duties. Mission Specialists perform extravehicular activities (EVAs, or spacewalks), operate the remote Shuttle and/or Space Station manipulator arm, and are responsible for payloads and specific experiment operations.

NASA’s objective is to build upon the selected Educator Astronauts and expand the education activities of previous missions. As educators, they have developed the skills necessary to communicate in the classroom the challenging concepts associated with the study of science, technology, engineering, and mathematics. The merger of these two great American teams, our Nation’s educators and astronauts, yields unparalleled opportunity for our Nation, the education community, and NASA to reach and inspire the very people who will extend America’s accomplishments and leadership far beyond our imagination. Educator Astronauts will experience something unique every day that they can use to engage students to inspire them to consider a career associated with the Nation’s space program. NASA, as well as our numerous education partners, will work with each of the selected Educator Astronauts to make that connection in multiple and inspirational ways to inspire the next generation of explorers . . . as only NASA can.

Want to join a new NASA team comprising students, educators, and others who make up our Earth crew?

Visit our Web site:
http://edspace.nasa.gov
NASA RESOURCES FOR EDUCATORS

Central Operation of Resources for Educators (CORE) was established for the national and international distribution of NASA-produced educational materials in multimedia format. Educators can obtain a catalog and an order form by one of the following methods:

NASA CORE
Lorain County Joint Vocational School
15381, Route 58 South
Oberlin, OH 44074-9799
Phone: 440-775-1400
Fax: 440-775-1460
E-mail nasaco@lsvca.org
Home Page: http://core.nasa.gov

Educator Resource Center Network (ERCN)

To make additional information available to the education community, NASA has created the NASA Educator Resource Center (ERCN) network. Educators may preview, copy, or receive NASA materials at these sites. Phone calls are welcome if you are unable to visit the ERC that serves your geographic area. A list of the centers and the regions they serve follows:

AK, Northern CA, Hi, ID, MT, NV, OR, UT, WA, WY
NASA Educator Resource Center
NASA Ames Research Center
Mail Stop 253-2
Moffett Field, CA 94035-1000
Phone: 650-604-3574
http://amesnews.arc.nasa.gov/erc/erchome.html

IL, IN, MN, OH, WI
NASA Educator Resource Center
NASA Glenn Research Center
Mail Stop B-1
21000 Brookpark Road
Cleveland, OH 44135
Phone: 216-433-2017

CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT
NASA Educator Resource Laboratory
NASA Goddard Space Flight Center
Mail Code 130.3
Greenbelt, MD 20771-0001
Phone: 301-286-8570
http://www.gsfc.nasa.gov/vc/erc.htm

CO, KS, NE, NM, ND, OK, SD, TX
Space Center Houston
NASA Educator Resource Center for NASA J ohnson Space Center
1601 NASA Road One
Houston, TX 77058
Phone: 281-244-2129
http://www.spacecenter.org/educator_resource.html

AZ and Southern CA
NASA Educator Resource Center
NASA Dryden Flight Research Center
P.O. Box 73 M/S 4839
Edwards, CA 93523-0273
Phone: 661-276-5009
http://www.dfrc.nasa.gov/erc/ERC/

Eastern Shores of VA and MD
NASA Educator Resource Center for GSFC/Wallops Flight Facility
Visitor Center Building J-17
Wallops Island, VA 23337
Phone: 757-824-2298
http://www.wff.nasa.gov/~WVC/ERC.htm

Regional Educator Resource Centers offer educators access to NASA educational materials. NASA has formed partnerships with universities, museums, and other educational institutions to serve as regional ERCs in many States. A complete list of regional ERCs is available through CORE, or electronically via NASA Spacelink at http://spacelink.nasa.gov. Educators may preview, copy, or receive NASA materials at these sites. Phone calls are welcome if you are unable to visit the ERC that serves your geographic area.

NASA Spacelink is one of NASA’s electronic resources specifically developed for the education community. Spacelink serves as an electronic library of NASA’s educational and scientific resources, with hundreds of subject areas arranged in a manner familiar to educators. Using Spacelink Search, educators and students can easily find information among NASA’s thousands of educational resources. Special events, missions, and intriguing NASA Web sites are featured in Spacelink’s “Hot Topics” and “Cool Picks” areas. Spacelink may be accessed at http://spacelink.nasa.gov.

NASA Spacelink is the official home to electronic versions of NASA’s educational products. A complete listing of NASA educational products can be found at http://spacelink.nasa.gov/products.

NASA Television (NTV) features Space Station and Shuttle mission coverage, live special events, interactive educational live shows, electronic field trips, aviation and space news, and historical NASA footage. Programming has a 3-hour block—Video (News) File, NASA Gallery, and Education File—beginning at noon Eastern and repeated four more times throughout the day. Live feeds preempt regularly scheduled programming.

For more information on NTV, contact:
NASA TV
NASA Headquarters—Code P-2
Washington, DC 20546-0001
Phone: 202-358-3572


This brochure serves as a guide to accessing a variety of NASA materials and services for educators. Copies are available through the ERC network or electronically via NASA Spacelink.