

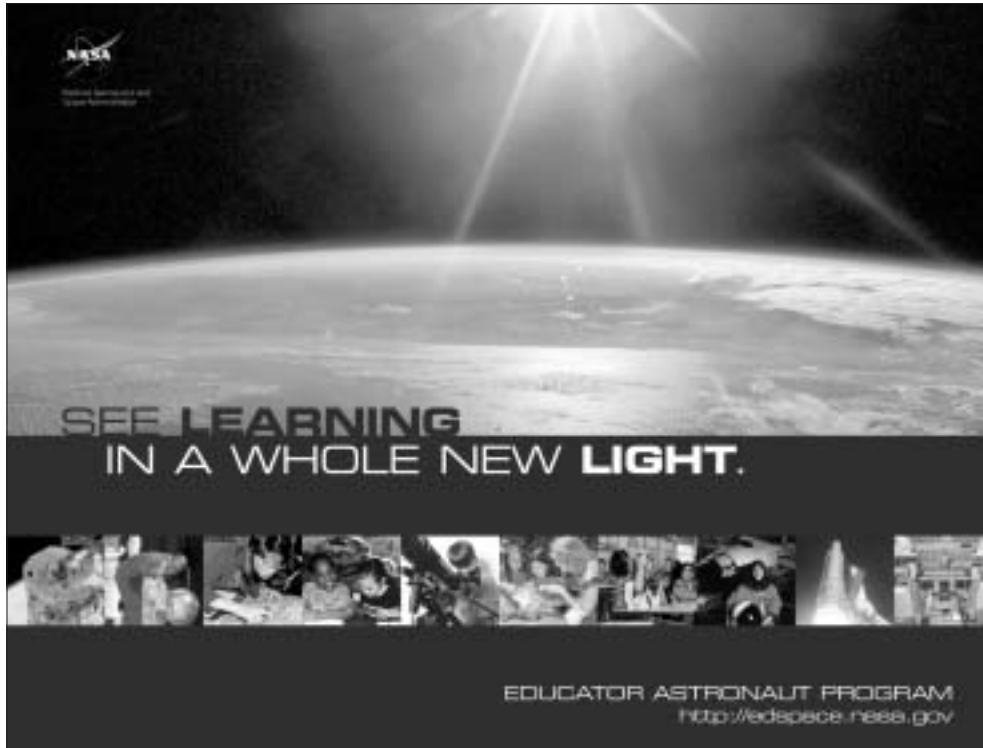


National Aeronautics and  
Space Administration

# 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.

<http://edspace.nasa.gov>

## FUNCTIONS OF AN EDUCATOR ASTRONAUT

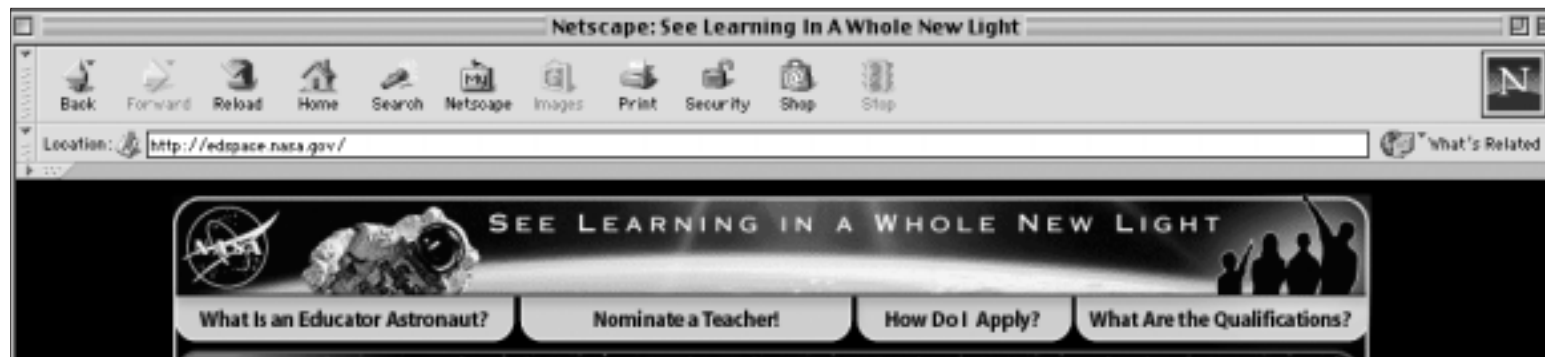
An Educator Astronaut is a fully qualified member of NASA's Astronaut Corps who has expertise in K-12 education. Educator Astronauts will perform the same activities that the current astronauts who are Mission Specialists perform on any Space Shuttle crew. Educator Astronauts will help coordinate Space 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  
15181 Route 58 South  
Oberlin, OH 44074-9799  
Phone: 440-775-1400  
Fax: 440-775-1460  
E-mail [nasaco@leeca.org](mailto:nasaco@leeca.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 (ERC) 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, MI, MN, OH, WI

NASA Educator Resource Center  
NASA Glenn Research Center  
Mail Stop 8-1  
21000 Brookpark Road  
Cleveland, OH 44135  
Phone: 216-433-2017  
<http://www.grc.nasa.gov/WWW/PAO/html/edteachr.htm>

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 Johnson Space Center  
1601 NASA Road One  
Houston, TX 77058  
Phone: 281-244-2129  
[http://www.spacecenter.org/educator\\_resource.html](http://www.spacecenter.org/educator_resource.html)

FL, GA, PR, VI  
NASA Educator Resource Center  
NASA Kennedy Space Center  
Mail Code ERC  
Kennedy Space Center, FL 32899  
Phone: 321-867-4090  
<http://www.pao.ksc.nasa.gov/kscpao/educate/edu.htm>

KY, NC, SC, VA, WV  
Virginia Air & Space Center  
NASA Educator Resource Center for  
NASA Langley Research Center  
600 Settlers Landing Road  
Hampton, VA 23669-4033  
Phone: 757-727-0900, x 757  
<http://www.vasc.org/erc/>

AL, AR, IA, LA, MO, TN  
U.S. Space and Rocket Center  
NASA Educator Resource Center for  
NASA Marshall Space Flight Center  
One Tranquility Base  
Huntsville, AL 35807  
Phone: 256-544-5812  
<http://erc.msfc.nasa.gov>

MS  
NASA Educator Resource Center  
NASA Stennis Space Center  
Mail Stop 1200  
Stennis Space Center, MS 39529-6000  
Phone: 228-688-3338  
<http://education.ssc.nasa.gov/erc/erc.htm>

CA  
NASA Educator Resource Center for  
NASA Jet Propulsion Laboratory  
Village at Indian Hill  
1460 East Holt Avenue, Suite 20  
Pomona, CA 91767  
Phone: 909-397-4420  
[http://learn.jpl.nasa.gov/resources/resources\\_index.html](http://learn.jpl.nasa.gov/resources/resources_index.html)

AZ and Southern CA  
NASA Educator Resource Center  
NASA Dryden Flight Research Center  
P.O. Box 273 M/S 4839  
Edwards, CA 93523-0273  
Phone: 661-276-5009  
<http://www.dfrc.nasa.gov/trc/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/ercn>

NASA's Education Home Page serves as the education portal for information regarding educational programs and services offered by NASA for the American education community. This high-level directory of information provides specific details and points of contact for all of NASA's educational efforts, Field Center offices, and points of presence within each State. Visit this resource at <http://education.nasa.gov>

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 Internet 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.

Check the Internet for program listings at <http://www.nasa.gov/ntv>

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

NTV Weekday Programming Schedules  
(Eastern Times)

Video File	NASA Gallery	Education File
12 noon–1 p.m.	1–2 p.m.	2–3 p.m.
3–4 p.m.	4–5 p.m.	5–6 p.m.
6–7 p.m.	7–8 p.m.	8–9 p.m.
9–10 p.m.	10–11 p.m.	11 p.m.–12 midnight
12 midnight–1 a.m.	1–2 a.m.	2–3 a.m.

## How To Access Information on NASA's Education Program, Materials, and Services (EP-2002-07-345-HQ)

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.