NASA Resources for Educators

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

- NASA CORE
  - Lorain County Joint Vocational School
  - 15181 Route 58 South
  - Oberlin, OH 44074
  - Phone: (440) 774-1051, Ext. 249 or 293
  - Fax (440) 774-2144
  - E-mail: nasaco@leece8.esu.k12.oh.us
  - Home Page: http://spacelink.nasa.gov/CORE

Educator Resource Center Network

To make additional information available to the education community, the NASA Education Division has created the NASA Educator Resource Center (ERC) network. ERCs contain a wealth of information for educators: publications, reference books, slide sets, audio cassettes, videotapes, telelecture programs, computer programs, lesson plans, and teacher guides with activities. Educators may preview, copy, or receive NASA materials at these sites. Because each NASA Field Center has its own areas of expertise, no two ERCs are exactly alike. 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 includes:

- AK, AZ, CA, HI, ID, MT, NV, OR, UT, WY
  - NASA Educator Resource Center
  - Mail Stop 253-2
  - NASA Ames Research Center
  - Moffett Field, CA 94035-1000
  - Phone: (415) 604-3574

- CT, DE, DC, ME, MA, NH, NJ, NY, RI, RI, VT
  - NASA Educator Resource Laboratory
  - Mail Code 130.3
  - NASA Goddard Space Flight Center
  - Greenbelt, MD 20771-0001
  - Phone: (301) 286-8570

- CO, KS, NE, NM, ND, OK, SD, TX
  - UCS Educator Resource Center
  - Space Center Houston
  - NASA Johnson Space Center
  - 1601 NASA Road One
  - Houston, TX 77058-3306
  - Phone: (281) 483-8696

- FL, GA, PR, VT
  - NASA Educator Resource Laboratory
  - Mail Code ERL
  - NASA Kennedy Space Center
  - Kennedy Space Center, FL 32899-0001
  - Phone: (407) 867-4095

- KY, NC, SC, VA, WV
  - Virginia Air and Space Museum
  - NASA Educator Resource Center for NASA Langley Research Center
  - 600 Settlers Landing Road
  - Hampton, VA 23669-4033
  - Phone: (757) 727-0900 x 757

Regional Educator Resource Centers offer more 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 the NASA Education Home Page at: http://www.hq.nasa.gov/education

NASA On-line Resources for Educators provide current educational information and instructional resource materials to teachers, faculty, and students. A wide range of information is available, including science, mathematics, engineering, and technology education lesson plans, historical information related to the aeronautics and space program, current status reports on NASA projects, news releases, information on NASA educational programs, useful software and graphics files. Educators and students can also use NASA resources as learning tools to explore the Internet, accessing information about educational grants, interacting with other schools which are already on-line, and participating in on-line interactive projects, communicating with NASA scientists, engineers, and other team members to experience the excitement of real NASA projects.

Access these resources through the NASA Education Home Page: http://www.hq.nasa.gov/education

NASA Television (NTV) is the Agency's distribution system for live and taped programs. It offers the public a front-row seat for launches and missions, as well as informational and educational programming, historical documentaries, and updates on the latest developments in aeronautics and space science. NTV is transmitted on the GE-2 satellite, Transponder 9C at 85 degrees West longitude, vertical polarization, with a frequency of 3880 megahertz, and a power of 6.8 megahertz.

Apart from live mission coverage, regular NASA Television programming includes a Video File from noon to 1:00 pm, a NASA Gallery File from 1:00 to 2:00 pm, and an Education File from 2:00 to 3:00 pm (all times Eastern). This sequence is repeated at 2:00 pm, 6:00 pm, and 9:00 pm, Monday through Friday. The NTV Education File features programs for teachers and students on science, mathematics, and technology. NASA Television programming may be videotaped for later use.

For more information on NASA Television, contact:

NASA Headquarters, Code P-2, NASA TV, Washington, DC
20546-0001 Phone: (202) 358-3572

NTV Home Page: http://www.hq.nasa.gov/ntv.html

How to Access NASA's Education Materials and Services, EP-1996-11-345-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. NASA Spacelink can be accessed at the following address: http://spacelink.nasa.gov
Go For EVA!

Educational Videotape Series

Go For EVA! is from the Liftoff to Learning Educational Videotape Series, which allows students to study science, mathematics, and technology with crew members aboard Space Shuttle flights.

Go For EVA! discusses how spacesuits protect astronauts from the hostile space environment, explains what the components of the spacesuit are, describes how the suit functions, and shows what types of work astronauts perform while spacewalking. Actual footage of spacewalks—also known as Extravehicular Activities (EVAs)—illustrate how spacesuits allow astronauts to operate scientific apparatus, assemble equipment and structures, pilot the Manned Maneuvering Unit, take pictures, and service satellites and space hardware.

Length: 13:48

To obtain a copy of the Go For EVA! videotape and accompanying Video Resource Guide, or for more information on the Liftoff to Learning Educational Videotape Series, contact your local Educator Resource Center or the NASA Central Operation of Resources for Educators (CORE). See page 99 for details.
Suited for Spacewalking
A Teacher’s Guide with Activities for Technology Education, Mathematics, and Science

TEACHER REPLY CARD

To achieve America’s goals in Educational Excellence, it is NASA’s mission to develop supplementary instructional materials and curricula in science, mathematics, and technology. NASA seeks to involve the educational community in the development and improvement of these materials. Your evaluation and suggestions are vital to continually improving NASA educational materials.

Please take a moment to respond to the statements and questions below. You can submit your response through the Internet or by mail. Send your reply to the following Internet address:

http://ednet.gsfc.nasa.gov/edcats/teacher_guide

You will then be asked to enter your data at the appropriate prompt.

Otherwise, please return the reply card by mail. Thank you.

1. With what grades did you use the guide?
   Number of Teachers/Faculty:
   - ______ K-4
   - ______ Community College
   - ______ 5-8
   - ______ College/University - Undergraduate
   - ______ 9-12
   - ______ College/University - Graduate

   Number of Students:
   - ______ K-4
   - ______ Community College
   - ______ 5-8
   - ______ College/University - Undergraduate
   - ______ 9-12
   - ______ College/University - Graduate

   Number of Others:
   - ______ Administrators/Staff
   - ______ Professional Groups
   - ______ Parents
   - ______ Civic Groups
   - ______ General Public
   - ______ Other

2. What is your home 5- or 9-digit zip code? _______ _______ _______ _______

3. How was the quality of this video guide?
   - □ Excellent
   - □ Good
   - □ Average
   - □ Poor
   - □ Very Poor

4. How did you use this guide?
   - □ Background Information
   - □ Critical Thinking Tasks
   - □ Demonstrate NASA Materials
   - □ Hands-On Activities
   - □ Group Discussions
   - □ Integration Into Existing Curricula
   - □ Lecture
   - □ Interdisciplinary Activity
   - □ Team Activities
   - □ Science and Mathematics Standards Integration
   - □ Other: Please specify: ________________________________

5. Where did you learn about this guide?
   - □ NASA Central Operation of Resources for Educators (CORE)
   - □ NASA Educator Resource Center
   - □ Institution/School System
   - □ Fellow Educator
   - □ Workshop/Conference
   - □ Other: Please specify: ________________________________

6. What features of this guide did you find particularly helpful?
   ______________________________________________________
   ______________________________________________________
   ______________________________________________________

7. How can we make this guide more effective for you?
   ______________________________________________________
   ______________________________________________________
   ______________________________________________________

8. Additional comments:
   ______________________________________________________
   ______________________________________________________
   ______________________________________________________

Today’s Date: ________________________________

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