

Publications for the Classroom

LIVING AND WORKING IN SPACE TEACHING POSTER

Introduces students to the environmental conditions, the challenges that must be overcome to live and work there, and advances in spacesuit technology. Students consider various reasons for going to space and compare conditions in space with those on Earth.

★ Grades 5-8

MILESTONES OF FLIGHT TEACHING POSTER

Introduces students to seven of the most historic aircraft and spacecraft in the Museum's collections and asks students to consider the technological advances of these craft as well as their impact on society.

★ Grades 4-6

EMBRACING THE IMPOSSIBLE: POPULAR RESPONSE TO THE AERIAL AGE TEACHING POSTER

Students look at photographs, editorial cartoons, writings, songs, sheet music covers and art to determine early popular responses to the invention of the airplane.

★ Grades 5-8

EXPLORE THE UNIVERSE TEACHING PACKET

The packet includes background information and an activity that challenges students to think about the structure of the universe by considering size, distance and age. The open-ended nature of this activity makes it appropriate for a wide range of grade levels.

★ Grades 4-12

REFLECTIONS ON EARTH: BIODIVERSITY AND REMOTE SENSING TEACHING GUIDE

With lessons for interpreting satellite images and field studies, students learn to measure and monitor forest biodiversity on a local, regional, and global scale.

★ 45 Pages Grades 6-10

HOW THINGS FLY TEACHING POSTER

Classroom activities on this poster stand alone or prepare students for a visit to the *How Things Fly* gallery, an interactive exhibition on the physics of flight. Poster topics include air pressure, how wings work, and airplane stability.

★ Grades 4-12

AFRICAN AMERICAN PIONEERS IN AVIATION TEACHING GUIDE

Lessons that guide students to use primary source documents to explore the challenges and successes of African American pioneers who established a place in aviation and the space industry for subsequent generations.

★ 45 Pages ★ Grades 5-9

FROM AIRMAIL TO AIRLINES TEACHING GUIDE

Lively classroom activities for students that explore changes in air transportation from 1920 to the present. Designed as a companion to transportation units in the curriculum, it can be used alone or with hands-on activities during a museum visit.

★ 40 Pages ★ Grades 3-5

WHAT'S TOPS AT THE NATIONAL AIR AND SPACE MUSEUM? SELF-GUIDE

This self-guide to the Museum for students highlights six treasures of the collections including the 1903 Wright Flyer, the Spirit of St. Louis, and the Apollo Lunar Module. It encourages directed looking at the artifacts through engaging questions.

★ 8 Pages ★ Grades 4-8

EXPLORING SPACE SELF-GUIDE

This self-guide for students highlights six historic spacecraft that carried humans into space, including the Apollo 11 Command Module, the Apollo Lunar Module, and Skylab Orbital Workshop. It encourages directed looking at the artifacts through engaging questions.

★ 8 Pages ★ Grades 4-8

EXPLORING THE PLANETS SELF-GUIDE

This self-guide for students highlights seven spacecraft that explored the planets, including the Hubble Space Telescope, the Viking Mars Lander, and Pioneer 10. It encourages directed looking at the artifacts through engaging questions.

★ 8 Pages ★ Grades 4-8

EXPLORING THE PLANETS TEACHING POSTER

Students can examine drawings of four probes to observe how specific design features enable the probe to carry out its mission in a particular environment. Students then select a planet and design a probe to explore it.

★ Grades 3-6

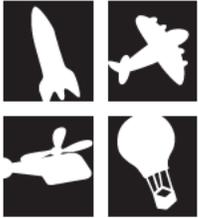
PUBLICATIONS ARE AVAILABLE IN HARD COPY
FORMAT WHILE SUPPLIES LAST.

Be sure to visit the
National Air and
Space Museum
Online: www.nasm.si.edu



Smithsonian
National Air and Space Museum

Publications for the Classroom



To receive any of the materials listed place a check by the item(s) desired and fill out the information requested below. Mail or fax **both pages** of this form to:

Educational Services,
National Air and Space Museum,
Independence Avenue and Sixth St., SW
MRC 305, PO Box 37012
Washington, DC 20013- 7012

Fax Number: (202) 633-8928

NAME _____ EMAIL _____

STREET ADDRESS _____

CITY _____ STATE _____ ZIP _____

GRADE(S) YOU TEACH _____

SUBJECT(S) YOU TEACH _____

SCHOOL DISTRICT and CITY _____



Be sure to visit the
National Air and Space Museum
Online: www.nasm.si.edu