

FURTHER EXPLORATION

ADDITIONAL READING

Team Moon: How 400,000 People Landed Apollo 11 on the Moon.

Catherine Thimmesh, 2006, Houghton Mifflin, ISBN: 0618507574. Children ages 10 and older will enjoy this well-illustrated exploration of the events and people who made it possible to put humans on the Moon.

Earth and the Moon. Ron Miller, 2003, Twenty First Century Books, ISBN: 0761323589. Written for young teens, this book examines the formation and evolution of the Earth and Moon.

Stories of the Moon. Joan Marie Galat, 2004, WhiteCap Books, ISBN: 1552856100. A beautifully illustrated collection of stories about the Moon from cultures around the world for children ages 9 to 12.

Apollo: The Epic Journey to the Moon. David Reynolds, 2002, Harcourt, ISBN: 0151009643. A captivating history of the people and events leading up to, and involved in, the Apollo lunar exploration missions. Young adults and adults will enjoy this well-illustrated adventure.

The Scientific Legacy of Apollo. G. Jeffrey Taylor, 1994, Scientific American, volume 271, number 1, pages 40–47. Rocks retrieved during the Apollo missions provided a new view of our Moon's — and Earth's — origin and evolution.

The Modern Moon: A Personal View. Charles Wood, 2003, Sky Publishing Corporation, ISBN: 0933346999. The perfect companion to lunar telescope viewing. Wood works his way across the lunar surface, identifying features of scientific importance and the people involved in unraveling their story.

MORE CLASSROOM RESOURCES

Exploring the Moon —

<http://ares.jsc.nasa.gov/Education/Activities/ExpMoon/ExpMoon.htm> An integrated portfolio of hands-on activities that explore what we know about the Moon, what we have learned through lunar samples from the Apollo missions, and where we may go next. Upper elementary through high school.

Exploring Planets in the Classroom: The Moon —

http://www.spacegrant.hawaii.edu/class_acts/MoonDoc.html A suite of hands-on activities and supporting materials that investigate lunar landforms, regolith formation, and more.

Educator Resources —

http://www.lpi.usra.edu/education/resources/s_system/moon.shtml Explore lunar phases and eclipses, formation of the Moon, lunar processes, future lunar outpost sites, and more through hands-on activities, background information, and presentations.

ONLINE DISCOVERY

Explore NASA's Apollo Program.

<http://www.nasm.si.edu/collections/imagery/apollo/apollo.htm>
<http://history.nasa.gov/apollo.html>

NASA's Lunar and Planetary Science pages provide an overview of past, present, and future lunar missions. <http://nssdc.gsfc.nasa.gov/planetary/planets/moonpage.html>

The Lunar and Planetary Institute has compiled a comprehensive site of existing lunar images, data, studies, and information. <http://www.lpi.usra.edu/lunar>

The research of NASA's Science Mission Directorate focuses on understanding the origin, evolution, and nature of our solar system, including our Moon. <http://nasascience.nasa.gov>

ABOUT THIS POSTER

This is one of a three-poster set that examines how our geologic understanding of the Moon will be used as we plan to live and work there in the future. The poster **front**, designed for **sixth- to ninth-grade students**, explores how our Moon formed and has changed through time; this history is recorded in the features the students see when they look at the Moon. The poster **back** is designed to provide **educators** with background information, ideas for lessons, and resources to support further student exploration. The complete set of posters can be found at http://www.lpi.usra.edu/education/moon_poster.shtml.

Content Development: Stephanie Shipp and Christine Shupla, Lunar and Planetary Institute; *Scientific Oversight:* David Kring, Allan Treiman, and Walter Kiefer, Lunar and Planetary Institute; *Graphic Design:* Leanne Woolley, Lunar and Planetary Institute.

Concept Development and Content Review: Cassandra Runyon, E/PO Lead, Moon Mineralogy Mapper, College of Charleston; Stephanie Shipp, Lunar and Planetary Institute; Jaclyn Allen, Astromaterials Research and Exploration Science, NASA Johnson Space Center; Marilyn Lindstrom, NASA Headquarters.

Content Review: Dr. Carlton Allen, Astromaterials Curator, Astromaterials Research and Exploration Science, NASA Johnson Space Center; Dr. Ben Bussey, Deputy Principal Investigator, Miniature Synthetic Aperture Radar (Mini-SAR), Johns Hopkins University, Applied Physics Laboratory; Mr. Brian Day, E/PO Lead, Lunar Crater Observation and Sensing Satellite, NASA Ames Research Center; Dr. Clive Neal, Chair, Lunar Exploration Analysis Group, University of Notre Dame; Dr. Carlé Pieters, Principal Investigator, Moon Mineralogy Mapper Instrument, Brown University; Ms. Stephanie Stockman, E/PO Lead, Lunar Reconnaissance Orbiter Mission, NASA Goddard Space Flight Center; Dr. Paul Spudis, Principal Investigator, Miniature Synthetic Aperture Radar (Mini-SAR), Lunar and Planetary Institute; Dr. Jeffrey Taylor, Hawaii Institute of Geophysics and Planetology, University of Hawaii.

Appreciation is extended to the students and teachers of McWhirter Elementary in Webster, Texas, and Sugarland Middle School, in Sugarland, Texas, for their insightful critique of the poster design and content.

Image Credit: NASA, United States Geological Survey, Lunar and Planetary Institute.

© 2008 Lunar and Planetary Institute/Universities Space Research Association, LPI Contribution No. 1366, ISSN No. 0161-5297

