

Websites for Further Exploration

Ways to
Get Involved

Connect to the Moon

<http://www.lpi.usra.edu/education/lprp/>

This site includes paths for inquisitive adults, students, and formal and informal educators to find online resources, information, and opportunities for involvement in lunar science and exploration.

Moon Zoo

<http://www.moonzoo.org/>

Moon Zoo uses about 70,000 high resolution images gathered by the Lunar Reconnaissance Orbiter. Citizen scientists are invited to categorize craters, boulders and more, including lava channels and even all sorts of different spacecraft sitting on the Moon's surface.

Lunar Science for Kids: Why Is the Moon Covered With Craters?

http://lunarscience.nasa.gov/kids/moon_craters

This site, geared toward children ages 10 and up, features answers to a variety of questions about the Moon.

Solar System Exploration: The Moon

<http://solarsystem.nasa.gov/planets/profile.cfm?Object=Moon>

This website, suitable for ages 12 and up, offers information including headline news about the Moon, lunar missions, a gallery of images, facts and figures, and activities.

The Center for Lunar Science and Exploration

<http://www.lpi.usra.edu/nlsi/index.shtml>

This NLSI team site includes background science information, images, the traveling exhibits, high school research projects, and more.

Moon Poster: The Evolution of Our Moon

<http://www.lpi.usra.edu/education/moonPosters/Poster1/backb.pdf>

This is a description of the stages on lunar geologic evolution, written for teens to adults.

365 Days of Astronomy Podcast: The Late Heavy Bombardment—Was It Real?

<http://365daysofastronomy.org/2010/05/10/may-10th-the-late-heavy-bombardment-was-it-real/>

This blog by the Planetary Society describes this sudden rain of solar system debris only 700 million years after the formation of the solar system, and the evidence for it.

The Lunar Cataclysm Hypothesis

http://www.lpi.usra.edu/science/kring/epo_web/impact_cratering/lunar_cataclysm/index.html

This website by David Kring includes detailed information about the lunar cataclysm, for public adult audiences.

PSRD: Wandering Gas Giants and Lunar Bombardment

<http://www.psrhawaii.edu/Aug06/cataclysmDynamics.html>

<http://www.psrhawaii.edu/Jan01/lunarCataclysm.html>

This site contains detailed scientific articles written at a high level for public adult audiences.

Books for Further Exploration

Check out
Your Library

There are several sections to look for information about the Moon in your local library; you may want to start with these sections:

- 523.3 Moon / Astronomy
- 525 Earth and Moon
- 559.91 Lunar Geology

What the Moon is Like (Let's-Read-and-Find-Out Science, Stage 2)

Franklyn M. Branley, HarperTrophy, 2000, ISBN 0064451852

The lunar environment — including the possibility of water on the Moon — is explored for children ages 4-8. Hands-on activities allow the children to learn more about cratering and other lunar features.

On the Moon

Anna Milbourne and Laura Fearn, Usborne Books, 2004, ISBN 0794506178

A book for children ages 4 to 8 that examines the Moon, its environment, and the astronauts who explored it.

Jump Into Science: Moon

Steve Tomecek, National Geographic Children's Books, 2005, ISBN 0792251237

Children go on a journey with a bug and a cat to discover the Moon's scientific history and concepts; written for children ages 9-12.

Earth And the Moon

Ron Miller, 21st Century, 2003, ISBN: 0761323589

Written for young teens, this book examines the theories of the Moon's formation, and the complex relationship between the Earth and Moon.

The Earth and the Moon

Linda Elkins-Tanton, Chelsea House, 2006, ISBN 0816051941

Written for young adults and adults, this book discusses Earth's size, orbit, mass, seasons and more as well as the evolution of the Moon.

The Moon and How to Observe It

Peter Grego, 2010, Springer, ISBN: 1852337486

A book for practical amateur astronomers who not only want to observe, but want to know the details of exactly what they are looking at. Includes observation guides, photos, and clear explanations of the Moon's geological evolution.

The Kaguya Lunar Atlas: The Moon in High Resolution

Motomaro Shirao and Charles A. Wood, Springer, ISBN:1441972846

This is not an "atlas" in the sense of general coverage, but a collection of unique portraits taken from the Japanese Kaguya mission as wide angle, low perspective views of lunar features, along with descriptions of those features.

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.

The Once and Future Moon

Paul Spudis, 1998, Smithsonian Inst. Press. ISBN: 1560988479

A geologist discusses what our exploration of the Moon has taught us, and what we might do in the future to know and use the Moon better.