

# Chapter 4 Resources

\* Resource that includes diversity

+ Books provided in alternative formats from the National Library Service for the Blind and Physically Handicapped (NLS)

^ Movies/DVDs available with the audio description feature

## Books

Adamson, Thomas K. *Do You Really Want to Visit the Moon?* Illustrated by Daniele Fabbri. Amicus, 2013. 24 p. (978-1607531975). Young explorers take an imaginary trip to the moon and visit Apollo mission sites, then compare them to decide whether Earth is a good home.

Aldrin, Buzz. *Look to the Stars*. Illustrated by Wendell Minor. G.P. Putman's Sons, 2009. 40 p. (978-0399247217). An astronaut guides readers through the history of space exploration, including the first rockets, America's space race with Russia, the Apollo missions, and the space station.

\*Brown-Wood, JaNay. *Imani's Moon*. Illustrated by Hazel Mitchell. Mackinac Island, 2014. 32 p. (978-1934133576). A small Maasai girl longs to do something great. When she decides she wants to touch the moon, she works hard to reach her goal.

\*+Bruchac, Joseph, and Jonathan London. *Thirteen Moons on Turtle's Back: A Native American Year of Moons*. Illustrated by Thomas Locker. Puffin Books, 1997. (978-0698115842). Celebrate each moon of the year with poems based on legends from Native American tribes. Includes an author's note about the diversity of tribes and moon stories. BR8981

\*+Burns, Khephra, and William Miles. *Black Stars in Orbit: NASA's African American Astronauts*. Gulliver Books, 1995. 80 p. (978-152004323). Photos and text explain African Americans' struggle to participate in America's space program. DB41667

Chambers, Roland. *The Rooftop Rocket Party*. Roaring Brook Press, 2003. 32 p. (978-0761318880). Finn longs to meet the man in the moon. A strange invitation may help him realize that dream.

+Chin, Jason. *Gravity*. Roaring Brook Press, 2014. 32 p. (978-1596437173). Gravity, the invisible force that causes objects to attract each other, is a complex subject made accessible in this brightly illustrated book. BR21071

Courgeon, Rémi. *Many Moons*. Walter Foster Jr., 2017. 32 p. (978-1633222984). Explore the phases of the moon with bright illustrations. Each spread features a moon phase and compares it to shapes such as a cat's tail, a banana, and a brilliant smile.

De La Rosa, Jeff. Out of This World series. Multiple titles. World Book, Inc., 2017. 48 p. ISBNs vary. This eight-volume series was produced in collaboration with NASA's Innovative and Advanced Concepts Program.

Dell, Pamela. *Man on the Moon: How a Photograph Made Anything Seem Possible*. Compass Point Books, 2011. 64 p. (978-0756544478). Explore the historical context of Neil Armstrong's iconic photo of the 1969 moon landing.

+Ehlert, Lois. *Moon Rope: A Peruvian Folktale = Un lazo a la luna: Una leyenda peruana*. Translated by Amy Prince. Harcourt Brace, 1992. 40 p. (978-0152553432). A bilingual adaptation of the Peruvian folktale in which Fox convinces Mole to climb to the moon with a woven grass rope. DB40759

\*Feldman, Thea. *Meet Katherine Johnson*. Simon Spotlight, 2017. 48 p. (978-1534403413). Katherine Johnson's unparalleled mathematical calculations helped plan the trajectories for NASA's Mercury and Apollo missions.

Fierst, Gerald. *Imagine the Moon: A Primer of Full Moon Names*. Illustrated by Leslie Stall Widener. Plum Street, 2017. 32 p. (978-1945268021). In a two-tiered format designed for early learning, this book combines poetic imagery with expository text to create a compelling introduction to the calendar of full moons.

+Floca, Brian. *Moonshot: The Flight of Apollo 11*. Atheneum, 2009. 48 p. (978-1416950462). A true story of adventure and discovery, a story of leaving and returning during the summer of 1969, and a story of home seen from far away. DB85036

Fraknoi, Andrew, and Dennis Schatz. *When the Sun Goes Dark*. National Science Teachers Association Kids, 2017. 36 p. (978-1681400112). Explore the fascination with eclipses through science projects and safe viewing information.

Gibbons, Gail. *The Moon Book*. Holiday House, 1997. 32 p. (978-0823412976). This introductory book describes the moon's movement and phases, and discusses how humans have observed and explored it.

+Hadfield, Chris. *The Darkest Dark*. Illustrated by the Fan Brothers. Little, Brown Books for Young Readers, 2016. 48 p. (978-0316394727). Chris loves pretending he's an astronaut, but at night Chris doesn't feel so brave. DBC08737

Irvine, Alex. *The Far Side of the Moon: The Story of Apollo 11's Third Man*. Illustrated by Ben Bishop. Tilbury House, 2017. 64 p. (978-0884484523). This graphic novel tells a different side of the moon landing mission— of astronaut Michael Collins and his solo trip to the far side of the moon.

Jenkins, David. *Moonwalk: The Story of the Apollo 11 Moon Landing*. Illustrated by Adrian Buckley. Circa Press, 2017. 48 p. (978-0993072178). Celebrate human engineering with historical and scientific facts designed to encourage curiosity and interest in space and the moon.

+Joyce, William. *The Man in the Moon*. Atheneum Books for Young Readers, 2011. 56 p. (978-1442430419). When an orphan baby in the moon makes friends with the children of Earth, he shines to ward off their fears. DBC06574

\*Keats, Ezra Jack. *Regards to the Man in the Moon*. Viking, 2009. 40 p. (978-0670011377). Using his imagination and a few scraps of junk, Louie and his friends travel through space.

Koll, Hilary, and Steve Mills. *You Do the Math: Launch a Rocket into Space*. Illustrated by Vladimir Aleksic. QEB, 2015. 32 p. (978-1609927295). Follow each stage of a mission and complete the math to make sure your rocket blasts clear of the atmosphere and returns safely.

Kortenkamp, Steve. *Future Explorers: Robots in Space*. Capstone, 2015. 48 p. (978-1491441633). Robonauts aid in exploring other planets, moons, and asteroids.

Krensky, Stephen. *The Great Moon Hoax*. Carolrhoda, 2011. 30 p. (978-0761351108). Based on a true story, 1830s newsboys sell copies of the paper reporting that a powerful telescope has found exotic animals and structures on the moon.

\*+Lin, Grace. *Where the Mountain Meets the Moon*. Little, Brown Books for Young Readers, 2009. 288 p. (978-0415495257). An adventurous girl buys a magical goldfish, then joins a dragon on a quest to find the Old Man of the Moon. BR18712, DB70391

Linde, Barbara M. *Rocket Scientists*. PowerKids Press, 2016. 32 p. (978-1499418552). Designing and studying rockets is an exciting career that involves science, technology, engineering, and math.

Martin, Ruth. *Moon Dreams*. Candlewick Press, 2010. 32 p. (978-0763650124). A girl named Luna wonders where the moon goes during the daytime and imagines different answers to her question.

Mauer, Richard. *Rocket! How a Toy Launched the Space Age*. Knopf Books for Young Readers, 1995. 64 p. (978-0517596289). This history of modern rocketry follows its development from 19th-century dream to the modern towers of power.

McCarty, Peter. *Moon Plane*. Henry Holt, 2006. 40 p. (978-0805079432). After a gentle, imaginary trip from the earth to the moon and back, a boy ends up safely in his mother's arms.

McMullen, Gemma. *The Moon*. Booklife, 2016. 32 p. (978-1910512869). Facts and photographs about the moon. Includes highlighted vocabulary words.

McNulty, Faith. *If You Decide to Go to the Moon*. Illustrated by Steven Kellogg. Scholastic, 2005. 48 p. (978-0590483599). The reader participates in every aspect of the journey, from packing to liftoff to traveling through space.

Robaard, Jedda. *Stanley the Sock Monster Goes to the Moon*. Little Bee, 2015. 40 p. (978-1499800128). Stanley is a little monster with a big dream: to visit the moon.

Robbins, Dean. *Margaret and the Moon: How Margaret Hamilton Saved the First Lunar Landing*. Illustrated by Lucy Knisley. Knopf Books for Young Readers, 2017. 40 p. (978-0399551857). Introduces the mathematician whose childhood love of numbers led to her prestigious contributions at NASA.

Rustad, Martha E.H. *The Moon*. Capstone, 2016. 24 p. (978-1491483237). A scientific introduction to the moon for beginner readers.

Rustgi, Jennifer. *A Moon of My Own*. Dawn, 2016. 32 p. (978-1584695721). A girl dreams that she travels all seven continents with her companion, the moon.

+Salas, Laura Purdie. *If You Were the Moon*. Millbrook, 2017. 32 p. (978-1467780094). Poetic text is juxtaposed with scientific facts about the moon. DBC08752

Scott, Elaine. *Our Moon: New Discoveries About Earth's Closest Companion*. Clarion Books, 2016. 72 p. (978-0547483948). Includes information on the newest theories on how the moon formed, the discovery of water on its surface, and the future possibility of moon colonies.

\*Shaefer, Carole Lexa. *Sometimes Moon*. Knopf Books for Young Readers, 1999. 40 p. (978-0517709818). A girl sees the changing moon as thin and silver like a dory boat, as a half circle like Mama's knitting basket, and full and chubby like a baby's cheeks.

\*Shea, Pegi Deitz. *New Moon*. Boyds Mills, 1996. 32 p. (978-1563974106). Vinnie's big brother shows her the bright full moon, *la luna*, one night and starts her fascination with the ever-changing moon.

\*Shepherd, Jodie. *To the Moon!* Illustrated by Mike Byrne. Millbrook, 2017. 24 p. (978-1512425369). Join Neil as he explores the moon's mountains and hills and collects space rocks for his science project.

\*+Shetterly, Margot Lee. *Hidden Figures: The True Story of Four Black Women and the Space Race*. Illustrated by Laura Freeman. HarperCollins Children's Books, 2018. 40 p. (978-0062742469). The true story of NASA's hiring of several women mathematicians who helped send the United States into space for the very first time. BR21798, DB86234

\*+Shetterly, Margot Lee. *Hidden Figures Young Readers' Edition*. HarperCollins Children's Books, 2016. 240 p. (978-0062662378). Before we got to the moon, a group of dedicated female mathematicians used pencils, slide rules, and adding machines to calculate the numbers that would launch rockets and forever change the face of the country. DB86824

\*Singh, Rina, and Debbie Lush. *Moon Tales: Myths of the Moon from Around the World*. Bloomsbury, 2000. 80 p. (978-0747541127). This collection of stories from around the world shows how the moon has always made us curious.

+Swanson, Susan Marie. *The House in the Night*. Illustrated by Beth Krommes. Houghton Mifflin Books for Children, 2008. 40 p. (978-0618862443). This Caldecott Medal-winning bedtime book comforts by naming nighttime things. BR18041

+Thimmesh, Catherine. *Team Moon: How 400,000 People Landed Apollo 11 on the Moon*. Houghton Mifflin, 2006. 80 p. (978-0618507573). This book chronicles the lives of some of the hundreds of people who worked behind the scenes to land a man on the moon. DB63398

\*Waxman, Laura Hamilton. *Aerospace Engineer: Aprille Ericsson*. Lerner, 2015. 32 p. (978-1467757935). At NASA, Aprille Ericsson has helped build spacecraft that can map the moon, monitor climate change, or even bring soil and rocks back from Mars.

Ziefert, Harriet. *You Can't Ride a Bicycle to the Moon!* Illustrated by Amanda Haley. Blue Apple Books, 2014. 40 p. (978-1609054199). Poems, quotes, and questions are interspersed to engage readers about the science and history of the moon and space travel.

## Movie

^Melfi, Theodore, director. *Hidden Figures*. 20th Century Fox, 2017. 127 min. (B01LTI1RHG)

## Music

Beethoven, Ludwig van. *Beethoven: Piano Sonatas Nos. 8 “Moonlight”, 14 “Appassionata” and 23 “Pathétique.”* Directed by Daniel Barenboim. DG Imports, 1990. (B000001G81). Includes *Moonlight Sonata*.

Laurie Berkner Band. *Rocketship Run*. Razor & Tie, 2016. (B01MDO43TJ). Includes “Rocketship Run.”

Debussy, Claude. *Clair de Lune: Debussy Favorites*. Performed by the Montreal Symphony Orchestra. Decca Records, 2012. (B00751K0GG). Includes the song “Clair de Lune.”

## Web Resources

**Apollo 11 HD Videos.** [www.nasa.gov/multimedia/hd/apollo11\\_hdpage.html](http://www.nasa.gov/multimedia/hd/apollo11_hdpage.html)

**A Brief History of the Lunar Roving Vehicle.** [www.history.nasa.gov/alsj/MSFC-LRV.pdf](http://www.history.nasa.gov/alsj/MSFC-LRV.pdf)

**From Hidden to Modern Figures.** [www.nasa.gov/modernfigures](http://www.nasa.gov/modernfigures)

**Full Moon Photographed from Apollo 11 Spacecraft.**  
[www.nasa.gov/mission\\_pages/apollo/40th/images/apollo\\_image\\_25.html](http://www.nasa.gov/mission_pages/apollo/40th/images/apollo_image_25.html)

**Global Cardboard Challenge.** <https://cardboardchallenge.com>

**Google Moon.** [www.google.com/moon](http://www.google.com/moon)

**Grown-Up Moon: What Do You See in Today’s Moon?**  
[www.lpi.usra.edu/education/explore/marvelMoon/activities/familyNight/whatDoYouSee](http://www.lpi.usra.edu/education/explore/marvelMoon/activities/familyNight/whatDoYouSee)

**Imani’s Moon.** [www.janaybrownwood.com/uploads/2/6/1/9/26190964/rif\\_imanis-moon\\_guide.pdf](http://www.janaybrownwood.com/uploads/2/6/1/9/26190964/rif_imanis-moon_guide.pdf)

**Lunar Tunes.** <https://moon.nasa.gov/galleries/lunar-tunes/infographic>

**Ozobot.** <https://ozobot.com/stem-education>

**Rocket Parts.** <https://spaceflight systems.grc.nasa.gov/education/rocket/rockpart.html>

**Apollo to the Moon.** <https://airandspace.si.edu/exhibitions/apollo-to-the-moon>

**Sphero Edu Activities.** <https://edu.sphero.com/cwists/category>

**Touchdown Activity.** [www.jpl.nasa.gov/edu/teach/activity/touchdown](http://www.jpl.nasa.gov/edu/teach/activity/touchdown)

**Where the Mountain Meets the Moon.** [www.gracelinbooks.com/files/Mountain\\_Moon\\_EduGuide.pdf](http://www.gracelinbooks.com/files/Mountain_Moon_EduGuide.pdf)

## Apps

Cateater, LLC. **Stop Motion Studio.** Create and edit stop-motion movies with themes, titles, and sound effects. Free.

Sphero, Inc. **Sphero.** Complete missions and master your Sphero skills. Free.

Evolve, Inc. **Ozobot.** Play OzoDraw, OzoLuck, and OzoPath. Free.

resource 1. resource 1 [rɪˈzɔːrs] noun [countable usually plural] 1. COMMERCE something such as money, property, skill, labour etc that a company has available: We have the necessary financial resources to respond to these challenges. Financial and business terms. Borrowed from Middle French ressource, from Old French resourse, resource (a source, spring), from resourdre, from Latin resurgere (to rise again, spring up anew). See resour, resurgent, source. (Received Pronunciation) IPA(key): /ˈrɪzɔːrs/, /ˈrɪzɔːrs/. (General American, Canada) IPA(key): /ˈrɪzɔːrs/, /ˈrɪzɔːrs/. (rhotic, without the horse-hoarse merger) IPA(key): /ˈrɪzɔːrs/, /ˈrɪzɔːrs/. Resource definition, a source of supply, support, or aid, especially one that can be readily drawn upon when needed. See more. a source of supply, support, or aid, especially one that can be readily drawn upon when needed. resources, the collective wealth of a country or its means of producing wealth. Usually resources. money, or any property that can be converted into money; assets. Often resources. an available means afforded by the mind or one's personal capabilities: to have resource against loneliness. A resource is a source or supply from which a benefit is produced and that has some utility. Resources can broadly be classified upon their availability they are classified into renewable and non-renewable resources. They can also be classified as actual and non - potential on the basis of the level of development and use, on the basis of origin they can be classified as biotic and abiotic, and on the basis of their distribution, as ubiquitous and localised (private, community-owned, natural and