

Chapter 6 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

*Ada, Alma Flor. *The Lizard and the Sun/La lagartija y el sol*. Illustrated by Felipe Dávalos. Picture Yearling, 1999. 48 p. (978-0440415312, pap.). Once, a long, long time ago, the sun disappeared from the sky. All the animals went to search for the sun in the rivers and lakes, through the fields and forests, but the sun was nowhere to be found. Little by little all the animals gave up, except for the faithful lizard.

Askew, Amanda. *The Complete Guide to Space*. Sandy Creek, 2015. 144 p. (978-1435161658). Uncover the mysteries of space, from stars and planets to space travel. Explore the International Space Station, meet the Curiosity rover, and learn how to observe the night sky.

Ball, Nate. *Let's Investigate with Nate: The Solar System*. Illustrated by Wes Hargis. HarperCollins, 2017. 40 p. (978-0062357427, pap.). Ever look up at the sky and wonder how many planets there are? Or want to know how many Earths could fit within the sun? Take a ride 3.6 billion miles away to answer these questions while exploring with a team of adventurous scientists.

Bang, Molly, and Penny Chisholm. *Rivers of Sunlight: How the Sun Moves Water Around the Earth*. Blue Sky, 2017. 48 p. (978-0545805414). From sea to sky, the sun both heats and cools water, ensuring that life can exist on Earth. How does the sun keep ocean currents moving, and lift fresh water from the seas, and how do we conserve a precious resource?

Branley, Franklyn M. *The Planets in Our Solar System*. Illustrated by Kevin O'Malley. HarperCollins, 2015. 32 p. (978-0062381941, pap.). Introduces the solar system and its nine planets. Includes directions for making two models, one showing the relative sizes of the planets and the other their relative distances from the sun.

+Branley, Franklyn M. *The Sun: Our Nearest Star*. Illustrated by Edward Miller. HarperCollins, 2002. 32 p. (978-0064452021, pap.). The sun is a star, like billions of others. But it is the star that is closest to us. It keeps us warm and gives us light and energy. Without the sun, there would be no life on Earth. BR15360, DB57817

Brockington, Drew. **CatStronauts series**. Multiple titles. Little, Brown Books for Young Readers, 2017. 160–184 p. ISBN's vary, pap. With national pride and scientific research on the line, the world's space programs rush to send the first cats to Mars, and the CatStronauts are starting months behind!

Brown, Jeff. *Stanley in Space*. Illustrated by Macky Pamintuan. HarperCollins, 2009. 128 p. (978-0064421744). Stanley and his family are chosen to fly a new top-secret spaceship.

*+Bruchac, Joseph, and Gayle Ross. *The Story of the Milky Way: A Cherokee Tale*. Illustrated by Virginia A. Stroud. Dial Books for Young Readers, 1995. 32 p. (978-0803717374). When cornmeal is stolen from an elderly couple, the others in a Cherokee village find a way to drive off the thief, creating the Milky Way. DB43759 (may be available only for download)

Buckley, James, Jr. *Space Heroes: Amazing Astronauts*. DK Children, 2004. 48 p. (978-0789498960, pap.). Brave, bold, and daring— this is the amazing story of the world's greatest astronauts.

Campbell, Janis, and Cathy Collision. *G Is for Galaxy: An Out of This World Alphabet*. Illustrated by Alan Stacy. Sleeping Bear, 2006. 40 p. (978-1585363353, pap.). This A-to-Z pictorial covers planets, craters, comets, orbits, and telescopes; each word is introduced with a simple poem for younger readers and detailed expository text for older readers.

*Camper, Cathy. *Low Riders in Space*. Illustrated by Raúl the Third. Chronicle, 2014. 112 p. (978-1452128696, pap.). Lupe, Flapjack, and Elirio customize their car for the Universal Car Competition to win the prize that will enable them to buy their own garage. Spanish words and phrases are used throughout the English text.

Carson, Mary Kay. *Beyond the Solar System: Exploring Galaxies, Black Holes, Alien Planets, and More—A History with 21 Activities*. Chicago Review Press, 2013. 144 p. (978-1613745441, pap.). Only when astronomers began taking a closer look did anyone realize what a fascinating, ever-changing universe lies beyond our solar system.

Cole, Joanna, and Bruce Degen. *The Magic School Bus Lost in the Solar System*. Scholastic, 1992. 40 p. (978-0590414296, pap.). On a special field trip Ms. Frizzle's class goes into outer space and visits each planet in the solar system.

Courtenay, Lucy. *Space Penguins Galaxy Race*. StoneArch, 2015. 112 p. (978-1434297839, pap.). Rocky's reputation for death-defying aerial acrobatics gains him an invitation to participate in the galaxy's notorious Superchase Space Race. But will this turn out to be a race to the death?

*Dayrell, Elphinstone. *Why the Sun and Moon Live in the Sky: An African Folktale*. Illustrated by Blair Lent. HMH Books for Young Readers, 1990. 32 p. (978-0395539637, pap.). The sun and water once lived on Earth as friends, but because the sun failed to build his house large enough, he and his moon wife were driven into the sky when the water came to visit them.

Dubbs, Chris. *Space Dogs: Pioneers of Space Travel*. iUniverse, 2003. 102 p. (978-0595267354, pap.). Back when rockets were new, a group of Russian canine cosmonauts rode rockets into orbit.

Dunn, Joeming. *Laika: The 1st Dog in Space*. Illustrated by Ben Dunn. Magic Wagon, 2011. 32 p. (978-1616416416, pap.). Animals were an important part of early space travel and exploration. This book introduces readers to Laika, a chronology of the dog's trip into space, and the ways that mission influenced history.

+Edwards, Roberta. *Who Was Neil Armstrong?* Penguin Workshop, 2008. 112 p. (978-0448449074, pap.). This biography introduces readers to the first man to step on the moon.

*Feldman, Thea. *You Should Meet: Katherine Johnson*. Illustrated by Alyssa Petersen. Simon Spotlight, 2017. 48 p. (978-1534403406, pap.). A brilliant mathematician, Johnson's unparalleled, hand calculations helped plan the trajectories for NASA's Mercury and Apollo missions, including the Apollo 11 moon landing.

Forbes, Scott. *How to Make a Planet: A Step-by-Step Guide to Building the Earth*. Illustrated by Jean Camden. Kids Can, 2014. 64 p. (978-1894786881). Follow along as two children perform an experiment in which they create a new planet, replicating in 10 steps the processes that formed Earth.

Forest, Heather. *The Contest Between the Sun and the Wind: An Aesop's Fable*. Illustrated by Susan Gaber. August House, 2013. 32 p. (978-1939160669, pap.). A man finds himself swept up in a battle of strength as the sun and the wind each compete to make him remove his coat.

+Gibbons, Gail. *Galaxies, Galaxies!* Holiday House, 2008. 32 p. (978-0823421923, pap.). How many galaxies are there in the universe? For years astronomers thought that the Milky Way was the universe. Now we know that there are billions more. BR17336

+Gibbons, Gail. *Sun Up, Sun Down*. HMH Books for Young Readers, 1987. 32 p. (978-0152827823, pap.). Understand the sun and the ways it regulates life on Earth. BR6110, DB22321 (may be available only for download)

Gifford, Clive. *Space in 30 Seconds*. Ivy Press, 2013. 96 p. (978-1908005731, pap.). Discover fast-track galactic facts served in energetic bite-size morsels while embarking on exciting mini-missions to challenge your new knowledge.

Griswell, Kim T. *Rufus Blasts Off!* Illustrated by Valeri Gorbachev. Sterling Children's Books, 2017. 40 p. (978-1454920991). Rufus dreams of traveling to space, but is told, "No pigs in space."

Hansen, Grace. *The Milky Way (Our Galaxy)*. Abdo Kids Jumbo, 2017. 24 p. (978-1532100529, lib. bdg.). Our galaxy got its start billions of years ago; learn about its changes since then, its size, and more.

+Hawking, Lucy, and Stephen Hawking. **George Greenby series**. Simon & Schuster Books for Young Readers, 2009–2017. 336-352 p. ISBN's vary, pap. The adventures of a boy and his friends as they travel through a computer portal into outer space, exploring scientific mysteries and dodging evil. DB66970

+Jenkins, Martin. *Exploring Space: From Galileo to the Mars Rover and Beyond*. Illustrated by Stephen Biesty. Candlewick, 2017. 64 p. (978-0763689315). Launch into an out-of-this-world examination of the past, present, and future of humans in space. DB88462

Jennings, Ken. *Outer Space*. Illustrated by Mike Lowery. Little Simon, 2014. 160 p. (978-1481401708, pap.). With great illustrations, cool trivia, and fun quizzes, this guide will have children on their way to whiz-kid status in no time!

Kaner, Etta. *Who Likes the Sun?* Illustrated by Marie Lafrance. Kids Can, 2007. 32 p. (978-1553378402). What is the sun, and how does it transform the world? This informational flap book invites children to explore their world.

*Keams, Geri. *Grandmother Spider Brings the Sun: A Cherokee Story*. Illustrated by James Bernadin. Cooper Square, 1997. 32 p. (978-0873586948, pap.). After Possum and Buzzard fail, Grandmother Spider succeeds in bringing light to her side of the world.

Kelly, Mark. C. *Mousetronaut Goes to Mars*. Illustrated by C.F. Payne. Paula Wiseman, 2013. 40 p. (978-1442484269). The smallest member of the team, a mouse named Meteor, is ready to rescue an interplanetary adventure.

Krulik, Nancy. *How Do You Pee in Space?* Illustrated by Aaron Blecha. Grosset & Dunlap, 2014. 128 p. (978-0448461137, pap.). A real-life astronaut is coming to visit! Students must complete a physical challenge and come up with three interesting questions to ask.

*+Lassieur, Allison. *Astronaut Mae Jemison*. LernerClassroom, 2016. 32 p. (978-1512413113, pap.). Discover the life and career of the first African American woman in space. DB86260

Lassieur, Allison. *International Space Station: An Interactive Space Exploration Adventure*. Capstone, 2016. 112 p. (978-1491481387, pap.). Space jobs can be difficult and downright dangerous. Do you have what it takes to join the crew?

Lonely Planet Kids. *How to Be a Space Explorer: Your Out-of-This-World Adventure*. Lonely Planet Kids, 2014. 160 p. (978-1743603901, pap.). Everything young explorers need to know to travel in space, such as life in zero gravity, how to find your way around the solar system, and the all-important question of how to pee in a spacesuit!

*McDermott, Gerald. *Arrow to the Sun: a Pueblo Indian Tale*. Puffin, 1977. 40 p. (978-0140502114, pap.). Spanish edition: *Flecha Al Sol: Un Cuento de Los Indios Pueblo*. Live Oak Media, 1997. (978-0874994131, pap.). Vibrant colors and bold geometric forms capture the stylized look of Pueblo art in this Caldecott-winning retelling of an ancient legend.

Meier, Anna. *Curious George Discovers the Sun*. Houghton Mifflin Harcourt, 2015. 32 p. (978-0544430679, pap.). George learns about solar power when the city experiences a blackout.

Miles, Brenda S., and Susan D. Sweet. *Cinderstella: A Tale of Planets, Not Princes*. Illustrated by Valeria Docamp. Magination, 2016. 32 p. (978-1433822704). In this modern fairy-tale retelling, Cinderstella is more interested in becoming an astronaut than a princess.

Milgrim, David. *Another Day in the Milky Way*. G.P. Putnam's Sons Books For Young Readers, 2007. 32 p. (978-0399245480). A boy wakes up on a strange planet and encounters a variety of odd characters as he tries to find his way home.

Mitchell, Chris. *How Do Astronauts Wee in Space?* John Blake, 2016. 192 p. (978-1784186531, pap.). The book contains facts about how planets are formed, the power of stars, and human exploration of space.

Nichols, Michelle. *Astronomy Lab for Kids: 52 Family-Friendly Activities*. Quarry Books, 2016. 144 p. (978-1631591341, pap.). The book includes experiments designed to teach about the solar system and the tools used to explore it.

+O'Ryan, Ray. *Galaxy Zack series*. Multiple titles. Illustrated by Colin Jack. Little Simon, 2013–2016. 128 p. ISBNs vary, pap. Join a space boy as he explores the galaxy in this series of illustrated chapter books. DB85357, DB86671, DB87538, DB90209

Paris, Stephanie. *21st Century: Mysteries of Deep Space*. Teacher Created Materials, 2013. 64 p. (978-1433349003, pap.). Readers will learn about the effect gravity has on the galaxy's inner and outer planets, comets, asteroids, and constellations, as well as the ways scientists are learning about the vast universe.

Rader, Andrew. *Mars Rover Rescue: Epic Space Adventure*. Illustrated by Galen Frazer. StoryBook Genius, 2017. 60 p. (978-1941434567, pap.). Giraffestronaut and Robot form a rescue party to search for the missing Mars rover.

Rau, Dana Meachen. *The Milky Way and Other Galaxies*. Compass Point, 2005. 32 p. (978-0756508531, lib. bdg.). This science primer describes the composition, study, and parts of galaxies.

Reeve, Phillip, and Sarah McIntyre. *Cakes in Space*. Yearling, 2016. 240 p. (978-0385387934, pap.). A spaceship's computer whips up desserts that come to life and cause trouble.

Roeser, Matt. *Oh No, Astro!* Illustrated by Brad Woodard. Simon & Schuster for Young Readers, 2016. 40 p. (978-1481439763). A grumpy asteroid is hit by a passing satellite and sent on what turns out to be a great adventure from the asteroid belt to Earth.

*Schwartz, Heather E. *Astronaut Ellen Ochoa*. LernerClassroom, 2017. 32 p. (978-1512456271). Learn the story of the first female Hispanic American astronaut.

*Sherman, Suzanne. *The Milky Way: A River of Stars*. Teacher Created Materials, 2015. 32 p. (978-1480747272, pap.). Spanish edition: *La Via Lactea: Un Rio de Estrellas*. Teacher Created Materials, 2017. (978-1425847210, pap.). Explore discoveries about the stars and galaxies we see in the night sky.

*+Shetterly, Margot Lee. *Hidden Figures Young Reader's Edition*. HarperCollins, 2016. 240 p. (978-0062662378, pap.). The powerful story of four African American female mathematicians who helped NASA achieve some of its greatest moments. DB86824

Simon, Seymour. *Galaxies*. Collins, 1991. 32 p. (978-0688109929, pap.). Identifies the nature, locations, movements, and different categories of galaxies, examining the Milky Way and other known examples.

+Simon, Seymour. *Our Solar System*. Collins, 2014. 48 p. (978-0061140105, pap.). Describes the origins, characteristics, and future of the sun, planets, moons, asteroids, meteoroids, and comets. DB40713 (may be available only for download)

Simon, Seymour. *The Sun*. Collins, 2015. 32 p. (978-0062345059, pap.). Describes the nature of the sun and its origin, source of energy, layers, atmosphere, sunspots, and activity.

Stewart, Melissa. *Out of This World Jokes About the Solar System: Laugh and Learn About Science*. Illustrated by Gerald Kelley. Enslow Elementary, 2012. 48 p. (978-1464401664, pap.). Learn fascinating science facts with solar system jokes.

Stine, Megan. *Who Was Sally Ride?* Penguin Workshop, 2013. 112 p. (978-0448466873, pap.). The life and career of the physician and NASA astronaut who became the first American woman in space in 1983.

Trammel, Howard K. *Galaxies*. Scholastic, 2010. 48 p. (978-0531228036, pap.). Readers will learn how galaxies, including the Milky Way, formed and how tools like the Hubble Telescope help scientists map the universe.

Underwood, Deborah. *Interstellar Cinderella*. Illustrated by Meg Hunt. Chronicle, 2015. 40 p. (978-1452125329). In this outer-space adaptation of the fairy tale, Cinderella dreams of becoming a mechanic.

Vandergrift, Adam. *Slime Sorcery: 97 Magical Concoctions Made from Almost Anything—Including Fluffy, Galaxy, Crunchy, Magnetic, Color-Changing and Glow-in-the-Dark Slime*. Ulysses, 2017. 128 p. (978-1612437545, pap.). An encyclopedia of borax-free recipes from the creator of YouTube's "Will It Slime?"

Viva, Frank. *A Long Way Away: A Two-Way Story*. Little, Brown Books for Young Readers, 2013. 40 p. (978-0316221962). From undersea to outer space, this book can be read in both directions with a happy ending either way.

Wagner, Kathi, and Sheryl Racine. *The Everything Kids' Astronomy Book*. Adams Media, 2008. 144 p. (978-1598695441, pap.). Explore astronomy with facts, trivia, projects, and puzzles.

Walliman, Dominic. *Professor Astro Cat's Frontiers of Space*. Illustrated by Ben Newman. Flying Eye, 2013. 64 p. (978-1909263079). Explore gravity, extraterrestrial life, time, and more with the smartest cat in the alley.
+Yolen, Jane. *Commander Toad and the Planet of the Grapes*. Puffin, 1996. 64 p. (978-0698113534, pap.). In search of new worlds to explore, Commander Toad and his crew land their spaceship on a strange planet. DB32119 (may be only available for download)

Zuchora-Walske, Christine. **The Planet series**. Multiple titles. Illustrated by Scott Burroughs. Magic Wagon, 2012. 32 p. ISBNs vary. Pick a planet and jump in your speedy rocket: you're off to explore each planet's atmosphere, temperature, orbit, and more.

Web Resources

Blind Mice Go to Pluto. <http://clearinghouse.starnetlibraries.org/collections/DiscoverNASA/Blind-Mice-Go-To-Pluto-072816.pdf>

The Design Process. http://pbskids.org/designsquad/pdf/parentseducators/workshop/designprocess_poster.pdf

How to Make Galaxy Painted Rocks. www.colormadehappy.com/2017/07/diy-galaxy-painted-rocks

Hubble Telescope Site. www.hubblesite.org

Make a Solar System Bracelet. www.formontana.net/bracelet2.html

Make Your Own 3-D Glasses. www.thespruce.com/make-your-own-3-d-glasses-1250758

Mars 3D Images. <https://mars.nasa.gov/mars3d/>

McDonald Observatory Activities for Kids. www.mcdonaldobservatory.org/teachers/classroom

NASA Space Place. www.spaceplace.nasa.gov

Night Sky Network. nightsky.jpl.nasa.gov

Observing Cards for Star Party Hosts. nightsky.jpl.nasa.gov/download-view.cfm?Doc_ID=529

Planets for Kids—Coding the Planets in Order. www.jdaniel4smom.com/2017/05/planets-for-kids-coding-planets-order.html

Reader's Theater: Giving Students a Reason to Read Aloud. www.readingrockets.org/article/readers-theater-giving-students-reason-read-aloud

Sorting Games: How Big? How Far? How Hot? <http://clearinghouse.starnetlibraries.org/collections/Astronomy-Space/Sorting-Games-HowBig-HowFar-HowHot.pdf>

STAR_Net Build a Space Colony Activity Guide.

<http://clearinghouse.starnetlibraries.org/collections/DiscoverSpace/BuildASpaceColony-ActivityGuide.pdf>

STAR_Net Trip to Mars Activity Guide.

<http://clearinghouse.starnetlibraries.org/collections/DiscoverSpace/TripToMars-ActivityGuide-PosterPanels.pdf>

Straw Rockets (with Free Rocket Template). buggyandbuddy.com/straw-rockets-with-free-rocket-template/

Sun Safety. www.epa.gov/sunsafety

Trip to Mars Activity Guide. <http://clearinghouse.starnetlibraries.org/collections/DiscoverSpace/TripToMars-ActivityGuide-PosterPanels.pdf>

Movies/DVDs

Gillard, Stuart, director. *Rocketman*. Walt Disney Studios Home Entertainment, 2007. 94 min. (PG)(B000CEPE5A)

Hill, Timothy, director. *Muppets from Space*. Sony Pictures Home Entertainment, 2002. 88 min. (G)(B00000JYLT)

Nelson, Gary, director. *The Black Hole*. Walt Disney Studios Home Entertainment, 2004. 98 min. (PG) (B0001I55SS)

Nye, Bill, actor. *Bill Nye the Science Guy: Outer Space*. Disney Educational, 2010. 26 min (NR) (B0049W8ZK2)

Polish, Michael, director. *The Astronaut Farmer*. Warner Brothers, 2007. 104 min. (PG) (B00005JPLE)

Tokar, Norman, director. *The Cat From Outer Space*. Walt Disney Studios Home Entertainment, 2004. 104 min. (G) (B0001I55OW)

Vince, Robert, director. *Space Buddies*. Walt Disney Studios Home Entertainment, 2009. 84 min. (G)(B001ILFUC8)

Woodley, Aaron, director. *Spark: A Space Tail*. Universal Pictures Home Entertainment, 2017. 92 min. (PG) (B072BPCGDW)

Music

Beatles. *Abbey Road*. Capitol, 2009. (B0025KVLUQ). Includes the song "Here Comes the Sun."

Giggle and Hoot. *Giggleicious Favourites*. ABC for Kids, 2015. (B00UC5KDSM). Includes the song "Giggle Galaxy."

Hope, Charlie. *I'm Me! A Collection of Songs for Children*. Little Maple Leaf Productions, 2009. (Boo2EXMVLM). Includes the song "Mr. Sun."

Imagination Movers. *Rock-O-Matic*. Razor & Tie, 2012. (B006TXDNO2). Includes the song "Blast Off."

Raffi. *One Light, One Sun*. Rounder, 1998. (B0000003HM). Includes the song "One Light, One Sun."

Roberts, Justin. *Great Big Sun*. Carpet Square, 2006. (B0002Y0004). Includes the song "Great Big Sun."

Roberts, Justin. *Way Out*. Carpet Square, 2005. (B0002IQIV0). Includes the song "Backyard Spaceship."

They Might Be Giants. *Here Comes Science*. Disney Sound, 2009. (B002FKZ4UO). Includes the songs "How Many Planets?" and "Why Does the Sun Shine? (The Sun Is a Mass of Incandescent Gas)."

Various artists. *Ready Jet Go! Solar System Songs*. PBS Kids Tunes, 2016. (B01I7AITOM). Includes the song "The Milky Way."

Wiebe, Harold. *Spaced Out! Songs of the Solar System*. CD Baby, 2016. (B00B0LKWVU).

Zanes, Dan. *House Party*. Five Festival Records, 2016. (B0000CC85J). Includes the song "Sunny Old Sun."