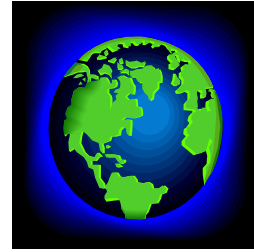


Launching Into Space Science

A Selective Bibliography of Books in the Teaching Resources Center



- Alberti, T. J. (2004). *Out and about at the planetarium*. Minneapolis, MN: Picture Window Books.
Director Solomon gives a guided tour of Star City Planetarium, where he explains such things as what equipment is used in a planetarium show and what some of the different objects in the night sky are. Includes an activity and other learning resources as well as bibliographical references and an index. (520-ALB)
- Andrews, T. (2004). *Wonders of the sky*. In *Wonders of Nature: Natural Phenomena in Science and Math* series. Westport, CT: Libraries Unlimited.
Examining natural phenomena through the lens of ancient mythology and from the perspective of modern day science, this unique book encourages students to appreciate the magic in both myth and science. This twofold approach helps to clarify the commonality of all human experience with nature, across cultures, and throughout time. (520-AND)
- Andronik, C. M. (2002). *Copernicus: founder of modern astronomy*. Berkeley Heights, NJ: Enslow Publishers.
Offers a brief introduction to the life of Copernicus, discussing how he invented the telescope, his development of the heliocentric theory, and his other contributions to astronomy and physics. (520.92-AND)
- Ashby, R. (2004). *Rocket man: The Mercury adventure of John Glenn*. Atlanta, GA: Peachtree Publishers.
A biography of John Glenn, from his childhood, through World War II, his first exhilarating mission to space, and his return to space in 1998 as the oldest astronaut in history. (B-GLE)
- Beals, K., Erickson, J., & Sneider, C. (2000). *Messages from space: the solar system and beyond, grades 5-8*. Berkeley, CA: University of California.
Messages from space takes advantage of our fascination with extraterrestrials to begin studying the solar system and beyond. The activities, aimed at grades 5-8, create an exciting context for students to engage in creative learning, gaining a great deal of astronomical knowledge. (SCI GEMS GR. 5-8)

- Bortolotti, D. (2003). *Exploring Saturn*. Buffalo, NY: Firefly Books.
History of the exploration of Saturn from ancient astronomers to latest NASA findings. Includes website resources, and location guide for backyard observations. (523.46-BOR)
- Cole, J. (1990). *The magic school bus: lost in the solar system*. New York: Scholastic.
On a special field trip in the magic school bus, Ms. Frizzle's class goes into outer space and visits each planet in the solar system. (523.3-C)
- Daynes, K. (2002). *Living in space*. London: Usborne Publishing.
How do astronauts travel into space? Where do they live when they get there? Beginning readers will learn the answers to these and other questions through easy-to-read text. (629.4-DAY)
- Denne, B., & O'Brien, E. (2001). *Space*. In *Usborne Discovery Internet-Linked series*. London: Usborne Publishing.
This book takes you on a journey through the universe, using the latest up-to-date information and discoveries from astronomers around the world. (523.1-DEN)
- Dyson, M. J. (2003). *Home on the moon: living on a space frontier*. Washington, DC: National Geographic Society.
Considers the moon as a frontier that has been only partially explored, looking at its history, geography, and weather, as well as what people would require to live and work there. Includes activities. (919.91-DYS)
- Dyson, M. J. (2004). *Space station science: life in free fall*. Minneapolis, MN: Windward Publishing.
Describes space stations, the International Space Station, the training and activities of its crew, and the conditions that will exist on it, including weightlessness and the dangers of radiation and meteors. Also includes experiments and activities simulating conditions in space. (629.45-DYS)
- Fraknoi, A. (1995). *The universe at your fingertips: An astronomy activity and research notebook*. Astronomical Society of the Pacific.
This resource notebook, developed for grades 1 to 12 as a product of Project ASTRO, contains a collection of astronomy information and hands-on activities, from predicting phases of the moon to simulating the expansion of the universe. Features ninety ready-to-use, hands-on activities. (520.07-UNI)
- Fraknoi, A., & Schatz, D. (2000). *More universe at your fingertips: An astronomy activity and research notebook*. Astronomical Society of the Pacific.
This resource binder, developed through Project ASTRO for students in grades 4-9, contains hands-on activities that explore concepts in astronomy. Project ASTRO is a program to train and link volunteer astronomers with local teachers to improve astronomy and space science education. Activities include background information, a listing of key ideas, and preparation instructions. (520.07-MOR)

- Haslam, A. (2004). *Space*. Chicago, IL: World Book.
An illustrated book of projects that demonstrates how the universe works. Part of the *Make It Work!* series. (520.78-HAS)
- Henbest, N., & Atkinson, S. (2000). *Spotter's guide to the night sky*. London: Usborne Publishing.
From comets to constellations, and stars to satellites, this book will help you to recognize what you see in the night sky. With sky maps and hundreds of interesting facts about our solar system, this is a valuable aid to any star-gazer. (520-HEN)
- Howell, L., Rogers, K., & Henderson, C. (2002). *Earth and space*. London: Usborne Publishing.
Take an amazing trip across planet Earth and explore its vast oceans, life-giving atmosphere and fiery core. You can travel through space, from the beginning to the end of the universe, and discover exciting new worlds. An *Usborne Internet-Linked* book. (523.2-HOW)
- Kerrod, R., & Sparrow G. (2002). *The way the universe works*. New York, NY: Dorling Kindersley.
Presents photographs and facts about the universe, the solar system, the planets, stars, galaxies, and space exploration, and includes over fifty experiments for testing theories about space phenomena, as well as illustrations and sky charts. (523.1-KER)
- Lubka, S. R. (2003). *Pupniks: the story of two space dogs*. New York: Marshall Cavendish.
Presents the story of the two Soviet dogs, Belka and Strelka, who were sent into space in 1960, paving the way for the first Soviet manned flight. (629.45-LUB)
- Milbourne, A., & Davies, B. (2004). *On the moon*. London: Usborne Publishing.
Have you ever wondered what it would be like to go to the moon? This beautifully illustrated picture book will take you on a journey to find out. You can fly into outer space, walk on the moon and take a look at our world from a very, very long way away. (E-MIL)
- National Wildlife Federation. (1997). *Astronomy adventures*. New York: Learning Triangle Press.
A collection of essays and activities, illustrations and discussion questions designed to teach students in kindergarten through eighth grade about space including the birth and death of a star, great moments in space history, and the discoveries of the space program. (520-AS)

- O'Byrne, J. (2002). *Stars & planets*. Washington, DC: National Geographic Society.
Stars & planets guides you around the night sky. Discover the planets and moons of our Solar System, the stars of the Milky Way, and the galaxies of outer space in dramatic photographs and illustrations. Part of the *My First Pocket Guide* series. (523-OBY)
- Ride, S., & O'Shaughnessy, T. (1994). *The third planet: exploring the earth from space*. New York: Crown Publishers.
 Astronaut Sally Ride examines how the earth is studied from space, its critical relationship with the other planets in the solar system, and some of earth's features, including climate, orbits, atmosphere, and light. (525-RI)
- Ride, S., & O'Shaughnessy, T. (1992). *Voyager: an adventure to the edge of the solar system*. New York: Crown Publishers.
 Describes the twelve-year Voyager mission to Jupiter, Saturn, Uranus, and Neptune, including details of the spacecraft and their discoveries about the planets and their moons. (523.4-R)
- Schyffert, B. U. (2003). *The man who went to the far side of the moon*. San Francisco, CA: Chronicle Books.
 A biography of the astronaut Michael Collins, who circled the moon in the Apollo 11 space capsule while his colleagues Neil Armstrong and Buzz Aldrin landed the lunar module and walked on the moon. (629.45-SCH)
- Simon, S. (2003). *The moon*. New York: Simon & Schuster Books for Young Readers.
 A basic introduction to Earth's closest neighbor, its composition, and human missions to explore it. Illustrated with photographs of the moon taken in space. (559.9-SIM)
- Sis, P. (1997). *Starry messenger*. New York: Frances Foster Books.
 Describes the life and work of Galileo who changed the way people saw the galaxy, by offering objective evidence that the earth was not the fixed center of the universe. (B-GALILEI)
- Skurzynski, G. (2004). *Are we alone? Scientists search for life in space*. Washington, DC: National Geographic.
 There are at least 10,000 million million million stars in the universe, and many of them have planets. Could Earth be the only planet with life? Scientists doubt it. (576.8-SKU)
- Turnbull, S. (2003). *Sun, moon and stars*. In *Usborne Beginners* series. London: Usborne Publishing.
 What is the Sun made of? How did astronauts get to the Moon and what did they find there? In this book you'll find the answers and lots more about what's out in space. Part of an exciting new series of books for children who are beginning to read on their own. (523-TUR)