

iPg



Space & Astronomy Titles
Spring 2016



Space Race

70 Years of Triumph, Tragedy & Mystery

Chris McLeod

Summary

It may be 46 years since we landed on the moon, but our yearning for space travel and exploration has not abated. There may be no more moon landings (for now), but billions of dollars are still being spent to get humans off this earth and exploring outer space. Author Chris McLeod is fascinated by space travel and in *Space Race* he explores some of the most significant developments from the past few decades, as well as what's in store in the decades to come. Read about the Space Race between the Russians and the Americans. Remember the heartbreaking space shuttle disasters of both Challenger and Columbia. Learn about the robotic exploration of Mars—and the hope that one day people will walk on the Red Planet—and discover what space agencies across the world are planning for the future.

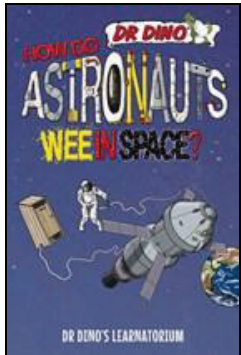
Contributor Bio

Chris McLeod was a newspaper journalist for more than 40 years and has always been keenly interested in investigative stories, particularly those with elements of mystery, conspiracy, and suspicion.

9781925265170
Pub Date: 5/1/16
Ship Date: 5/1/16
\$17.95
Trade Paperback

128 Pages
Carton Qty: 32
Technology & Engineering /
Aeronautics & Astronautics
TEC002000

11.2 in H | 8.3 in W | 0.4 in
T | 1 lb Wt



How Do Astronauts Wee in Space?

Chris Mitchell

Summary

Did you know that humans have sent jellyfish into space, or that there is a planet made of ice that's on fire? Do you want to know why space smells like raspberries? Amaze your friends with facts about planets made from diamonds, stars that could destroy our solar system, and how long humans could survive in space! This book is packed with the wildest, weirdest, funniest, filthiest, foulest, wisest, grossest, brainiest, biggest, and best facts about space and the universe.

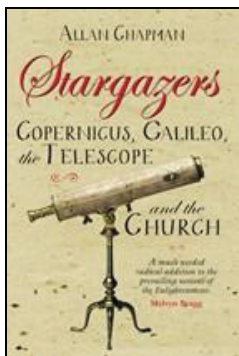
Contributor Bio

Chris Mitchell is the author of *The Breaking Bad Cookbook*.

9781784186531
Pub Date: 4/1/16
Ship Date: 4/1/16
\$8.99
Trade Paperback

192 Pages
Carton Qty: 32
Juvenile Nonfiction /
Science & Nature
JNF051040
Series: Dr Dino's
Learnatorium

8 in H | 5 in W | 0.4 in T |
0.2 lb Wt



Stargazers: Copernicus, Galileo, the Telescope and the Church

Understanding the Heavens 1500-1700

Allan Chapman

Summary

A comprehensive history of how the heavens were discovered and mapped, by the leading astronomers from 1500 onwards

Building on the work of the Greek and Arabian astrologers before him, the idea of a sun-centered universe was proposed by a church lawyer called Nicholas Copernicus. It was later popularized by Galileo—a fantastic debater whose abrasive style won him many enemies—who presented new evidence, which suggested that the earth moved. This thorough examination of Galileo explores both his achievements and influences. It then goes on to trace the impact of his ideas on those who followed him, including Sir Francis Bacon, Dr. John Wilkins, Dr. Robert Hooke, Sir Isaac Newton, and Rev. Dr. James Bradley. Chapman investigates the church's role and its intriguing relationship with the astronomers of the day. The support and involvement of the church meant that research could be undertaken, but at times the relationship was fractious, leading Galileo to famously declare, "the Bible is to teach us how to go to Heaven, not how the heavens go." In 1728, the theory of the moving earth was...

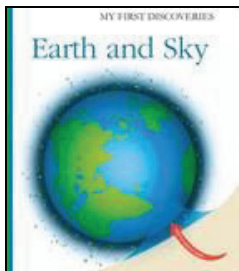
9780745956275
Pub Date: 1/1/15
Ship Date: 1/1/15
\$17.95
Trade Paperback

448 Pages
Carton Qty: 24
Religion / History
REL033000

7.8 in H | 5.1 in W | 1.4 in T
| 1.1 lb Wt

Contributor Bio

Allan Chapman is a Fellow of the Royal Astronomical Society and author of eight books, including *Gods in the Sky* and *Robert Hooke and the English Renaissance*. He has appeared in history of science documentaries on BBC2 and National Geographic.



Earth and Sky

Sylvaine Peyrols, Sarah Matthews

Summary

See our planets play hide-and-seek with the sun and the moon. Look into volcanoes and caves and under the surface of the sea. Watch night follow day and see the stars begin to come out.

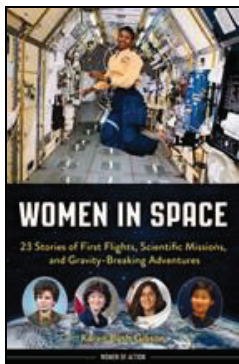
Contributor Bio

Sylvaine Peyrols is the author of *The Body*, *Farm Animals*, *How the Body Works*, *The Ladybird*, and *The Owl*.

9781851034307
Pub Date: 7/1/15
Ship Date: 7/1/15
\$12.99
Spiral Bound

38 Pages
Carton Qty: 20
Juvenile Nonfiction /
Science & Nature
JNF051040

6.5 in W | 7 in H | 0.7 lb Wt



9781613748442

Pub Date: 2/1/14

\$19.95

Hardcover

240 Pages

Carton Qty: 22

Juvenile Nonfiction /

Biography & Autobiography

JNF007090

Series: Women of Action

5.5 in W | 8.5 in H | 0.9 lb

Wt

Women in Space

23 Stories of First Flights, Scientific Missions, and Gravity-Breaking Adventures

Karen Bush Gibson

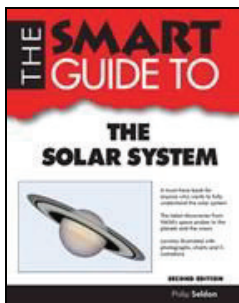
Summary

When Valentina Tereshkova blasted off aboard Vostok 6 on June 16, 1963, she became the first woman to rocket into space. It would be 19 years before another woman got a chance—cosmonaut Svetlana Savitskaya in 1982—followed by American astronaut Sally Ride a year later. By breaking the stratospheric ceiling, these women forged a path for many female astronauts, cosmonauts, and mission specialists to follow.

Women in Space profiles 23 pioneers, including Eileen Collins, the first woman to command the space shuttle; Peggy Whitson, who logged more than a year in orbit aboard the International Space Station; and Mae Jemison, the first African American woman in space; as well as astronauts from Japan, Canada, Italy, South Korea, France, and more. Readers will also learn about the Mercury 13, American women selected by NASA in the late 1950s to train for spaceflight. Though they matched and sometimes surpassed their male counterparts in performance, they were ultimately denied the opportunity to head out to the launching pad. Their story, and the stories of the pilots, physicists...

Contributor Bio

Karen Bush Gibson is the author of three dozen books for young readers, including *Women Aviators* and *Native American History for Kids*.



9781937636739

Pub Date: 1/16/15

Ship Date: 1/16/15

\$19.95

Trade Paperback

322 Pages

Carton Qty: 16

Science / Astronomy

SCI004000

Series: Smart Guides

7.5 in W | 9.3 in H | 0.9 in T

| 1.5 lb Wt

The Smart Guide to the Solar System (2nd Edition)

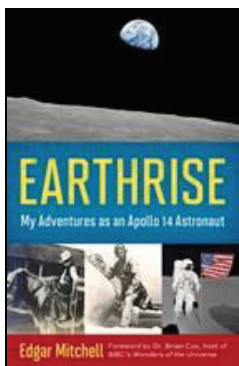
Philip Seldon

Summary

This definitive guide to the solar system is a primer on the basics, including planets, asteroids, meteors, stars, comets, black holes, and solar flares. It goes on to include the latest developments and discoveries of our neighbors in the celestial sphere.

Contributor Bio

Philip Seldon is the founding editor and publisher of *Popular Astronomy* magazine and the coauthor of *The Smart Guide to Astronomy*. He lives in New York City.



9781613749012
Pub Date: 4/1/14
\$19.95
Hardcover

192 Pages
Carton Qty: 24
Juvenile Nonfiction /
Biography & Autobiography
JNF007020

8.5 in H | 5.5 in W | 0.8 in T
| 0.8 lb Wt

Earthrise

My Adventures as an Apollo 14 Astronaut

Edgar Mitchell, Ellen Mahoney, Dr. Brian Cox

Summary

On February 5, 1971, Edgar Mitchell jumped off the last rungs of a ladder connecting him to NASA's Antares spacecraft and landed with two feet on the Moon. Following the disastrous Apollo 13 mission, Mitchell was one of three astronauts to successfully complete the Apollo 14 journey to the Moon, though it wasn't without its own alarming moments.

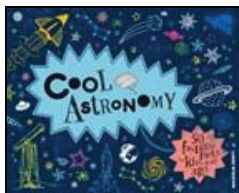
In *Earthrise*, Edgar recalls his spectacular trip to the Moon and the life experiences that got him there, including his early days spent in Roswell, New Mexico, amid nuclear testing and the rumored UFO crash; his first solo airplane flight as a young teen; his time as a navy combat pilot; and becoming a NASA astronaut. With fascinating detail, Edgar describes what it was like to launch into space and land on the Moon, illuminating everything from the practical—eating, sleeping, and going to the bathroom in space—to the mystical, life-changing experience of gazing at Earth from afar.

With illuminating sidebars, transcripts of NASA recordings from the historic Apollo 14 mission, and extensive resources including lists of space-related websites, m...

Contributor Bio

Edgar Mitchell was a pilot in the historic 1971 Apollo 14 mission and the sixth man to walk on the Moon. He is the author of *Paradigm Shift*, *The Space Less Traveled*, and *The Way of the Explorer*; recipient of the Presidential Medal of Freedom, the NASA Distinguished Service Medal, and three NASA Group Achievement Awards; and was nominated for the Nobel Peace Prize in 2005. He is the founder of the renowned Institute of Noetic Sciences and the cofounder of the Association of Space Explorers. He passed away in February 2016.

Ellen Mahoney is a journalism instructor at Metro State University of Denver. She has worked as a staff writer for Walt Disney Imagineering, written educational pieces for Space Center Houston, and produced radio features for the BBC *Science in Action* show.



9781909396418
Pub Date: 11/1/14
Ship Date: 11/1/14
\$14.99
Hardcover

112 Pages
Carton Qty: 18
Juvenile Nonfiction /
Science & Nature
JNF051040

6 in H | 7.8 in W | 0.6 in T |
0.8 lb Wt

Cool Astronomy

50 Fantastic Facts for Kids of All Ages

Malcolm Croft

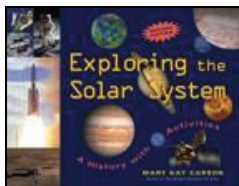
Summary

Discover how telescopes are made, learn about invisible light, and study the scale of the universe—in a way you'll never forget

Inside this mega-jam-packed book are 50 fact-tastic ways to advance and improve your astronomy skills so you'll never feel alone in the universe again! Learn amazing space-related tricks such as how to watch a solar eclipse safely and mapping stars from your own back garden, right down to expertly simplifying the supermassive numbers and distances involved in the space between space so you'll never forget them. You'll discover everything you need to know about the universe, from Asteroids to Zubenelgenubi, and almost everything in between.

Contributor Bio

Malcolm Croft is a writer of popular reference books.



Exploring the Solar System

A History with 22 Activities

Mary Kay Carson

Summary

Winner of the 2009 American Institute of Aeronautics and Astronautics (AIAA) Children's Literature Award.

How do we know that Mars is covered in rusty dust, that a day on Venus lasts longer than its year, and that Neptune has 13 moons? Human exploration! *Exploring the Solar System* relates the rich history of space exploration using telescopes, satellites, probes, landers, and human missions. This book has been updated to include the recent discovery of Eris, which, along with Pluto, has been newly classified as a "dwarf planet" by the International Astronomical Union. In addition to history, this book contains 22 hands-on projects to explore the planets and other celestial bodies from right here on earth. *Exploring the Solar System* also includes biographies of 20 space pioneers, details of specific missions, a time line, and a 20-page Field Guide to the Solar System with detailed scientific data on each of our celestial neighbors and the historic missions to visit them.

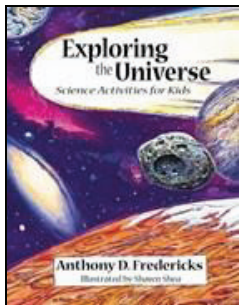
Download the [free teaching guide](#).

Contributor Bio

Mary Kay Carson is the author of more than 15 nonfiction books for children, including *The Underground Railroad for Kids*, *Weather Projects for Young Scientists*, and *The Wright Brothers for Kids*.

9781556527159
Pub Date: 2/1/08
\$17.95
Trade Paperback

176 Pages
Carton Qty: 24
Juvenile Nonfiction /
Science & Nature
JNF051040
Series: For Kids series
8.5 in H | 11 in W | 0.5 in D
| 1.4 lb Wt



Exploring the Universe

Science Activities for Kids

Anthony Fredericks

Summary

Explore the solar system, meteors, constellations, and the Earth through the chapters of this book. The author also provides activities, experiments, and field trip ideas.

Contributor Bio

Anthony D. Fredericks has written more than 30 teacher resource books in the areas of science, social studies, and language arts, plus six children's books on animals, nature, and environmental studies. He and his family live on a mountainside in south-central Pennsylvania. Shawn Shea, an award-winning artist, has illustrated 16 books. He lives in Denver, Colorado, with his fiancée, Linda, and their two cats.

9781555919764
Pub Date: 4/1/00
\$19.95
Trade Paperback

128 Pages
Carton Qty: 0
Education / Teaching
Methods & Materials
EDU029030
8.3 in W | 11 in H



Next Time You See the Moon

Emily Morgan

Summary

This fascinating book will stay with children every time they gaze up at the night sky. Through vivid pictures and engaging explanations, children will learn about many of the Moon's mysteries: what makes it look like a silvery crescent one time and a chalk-white ball a few nights later, why it sometimes appears in the daytime, where it gets its light, and how scientists can predict its shape on your birthday a thousand years from now. *Next Time You See the Moon* is an ideal way to explain the science behind the shape of the Moon and bring about an evening outing no child—or grown-up—will soon forget. Awaken a sense of wonder in a child with the Next Time You See series from NSTA Kids. The books will inspire elementary-age children to experience the enchantment of everyday phenomena such as sunsets, seashells, fireflies, pill bugs, and more. Free supplementary activities are available on the NSTA website. Especially designed to be experienced with an adult—be it a parent, teacher, or friend—Next Time You See books serve as a reminder that you don't have to look far to find something r...

Contributor Bio

Emily Morgan is an author-educator who knows how to connect with children both intellectually and emotionally. A former elementary and middle school teacher, she coauthors the series Picture-Perfect Science and the "Teaching Through Trade Books" column in *Science and Children*, NSTA's elementary-level journal, and is the author of the Next Time You See series from NSTA Press.

9781938946332

Pub Date: 7/1/14

\$12.95

Trade Paperback

32 Pages

Carton Qty: 0

Juvenile Nonfiction /

Science & Nature

JNF051040

Series: Next Time You See

9.5 in W | 11 in H