

Space Concepts & Eclipse books at your Marion Public Library

0-5 Years

A Big Mooncake for Little Star

by Grace Lin

This is a sweet picture book explaining moon phases through a story of a little sky girl nibbling on the moon as a late night snack, till it's all gone and she bonds with her mother while baking a new one. Pair with Moonbeams by Ann Bausum.

Moonbeams

A Lullaby of the Phases of the Moon by Ann Bausum

With rhyming verse and lovely spreads, this is an early basic introduction to how the moon appears in the sky, and that the moon is visible all over the world.

The Night Sky

(Ready to Read Level 1)

by Marion Dane Bauer, Illus by John Wallace

While this book does not have information about eclipses or solar cycles, it is a great introduction to the moon and stars, and well suited for read aloud for classrooms or story times.

Sleepy Solar System

by Dr. John Hutton

For kids learning first concepts about space and the existence of other planets outside our own. Kids can say goodnight to each planet, (and a few other celestial bodies) in order of their distance from the sun. Back matter includes a diagram of the solar system, and a list of simple facts highlighting vocabulary terms to focus on for this age group.

Star of the Party:

The Solar System Celebrates!

by Jan Carr

Sun and Moon

(DK Super Reader Pre-level)

by Libby Romero

This is a wonderful little book with short and easy explanations about seasons, why the moon changes shapes. This is probably the very best of the bunch for kids just starting to learn about space.

When Moon Became The Moon

by Rob Hodgson

K-2nd Grade

Eclipse

by Andy Rash

A wonderful read aloud from the point of view of a boy experiencing the eclipse with his father, and looking back on the memory. Though originally created for the 2017 eclipse, with the inside front cover showing the totality path, nothing in the story is date specific, or would limit this book's use for eclipses in general.

Eclipse

How the 1919 Solar Eclipse Proved Einstein's Theory of General Relativity by Darcy Pattison

Eclipses

by Martha E. H. Rustad

This picture book is similar to an early reader in page format, with photographs and realistic artwork. Very simple and accessible early nonfiction, which would also be an option to read to pre-k through 1st grade.

A Few Beautiful Minutes

by Kate Allen Fox

Specifically designed to explain a total solar eclipse, this is a great choice for a read aloud, with lyrical writing and beautiful illustrations.

There is additional instructional information in the back describing the time leading up to and following eclipse events, and additional resources to check out. Pair with Eclipse by Andy Rash.

Galaxies, Galaxies!

by Gail Gibbons

This is the kind of picture book that is also wonderful for older kids and adults looking for a concise and interesting overview of a broad topic. Picture book illustrations are used throughout, and topics span how light and telescopes work, shapes and movements of kinds of galaxies, and instruments of space exploration.

Hello, Star

by Stephanie V. W. Lucianovic

This beautiful read aloud follows a young girl who dreams of visiting a supernova, and spends her childhood pursuing a mission to take her to the stars. This could also be a gentle read for kids learning about cosmic life cycles, and the rebirth of energy in the universe.

Meanwhile Back on Earth... Finding Our Place Through Time and Space

by Oliver Jeffers

This story of a father driving through space with his children shares concepts of the vast size, space, and physical distance of the solar system, and relates that distance to time throughout our history. There is also a thread exploring the futility of people fighting over such relatively small spaces throughout human history.

Moon! Earth's Best Friend

by Stacy McAnulty

The Moon Book, New and Updated

by Gail Gibbons

This is a fantastic comprehensive and accessible book about the moon for kids and adults. Picture book style illustrations are paired with bite sized overviews of moon orbit, phases, eclipses, effects on tides, mythology, and exploration.

The Moon Tonight: Our Moon's Journey Around Earth

by Jung Chang-hoon

Once Upon a Star A Poetic Journey Through Space

by James Carter

Beautiful rhyming picture book that breaks down the birth of our sun and other stars.

Stargazers New and Updated

by Gail Gibbons

Stars and Galaxies (DK Super Reader Level 2)

by James Buckley Jr

Great expansive vocabulary- this is recommended for kids who already have a basic understanding, and interest of space concepts.

Sun! One in a Billion

by Stacy McAnulty

The Sun is Kind of a Big Deal

by Nick Seluk

Thank You, Moon: Celebrating Nature's Nightlight

by Melissa Stewart

Brief and beautiful, this is a wonderful story time read aloud, with option to expand on additional science facts at the bottom of each spread. The back matter includes a spread explaining moon phases and a diagram showing how the positions of the moon and earth dictate how it reflects light and appears in our sky.

There Was an Old Astronaut Who Swallowed the Moon!

by Lucille Colandro

While there isn't information about eclipses, there is great vocabulary introducing celestial bodies and very basic facts about the moon, all wrapped up in a familiar favorite series.

What is the Moon?

by Carmen Bredeson

This nonfiction pick uses each spread to ask one question about the moon, and pairs answers with pictures or diagrams. Give to kids who like books with collected trivia, not necessarily to kids who need to write a report or find specific information.

XO, Exoplanet

by Deborah Underwood

How do you explain relative thinking to kids? Through a funny story of planets in neighboring solar systems fighting over who is an "exoplanet"! Peppered with facts, this pen pal situation gone wrong will have kids laughing and cheering when these big personality planets find a solution that will please everyone.

3rd-5th Grade

Boy, Were We Wrong About the Solar System

by Kathleen V. Kudlinski

This would be a great book to pair with programs about NASA's Lucy Mission, as well as the impending eclipse. With fun and engaging illustrations, this is a picture book overview of early beliefs and mythologies about space, and about how advances in science have changed those views up to current times.

Explore Outer Space: Solar and Lunar Eclipses

by Ruth Owen

Eclipse Chaser: Science in the Moon's Shadow

by Ilima Loomis

The Museum on the Moon: The Curious Objects on the Lunar Surface

by Irene Latham

The Science Behind: Wonders of the Sun

by Suzanne Garbe

Something is Covering the Sun! Solar Eclipse Explained

by Baby Professor- Solar System Children's Book Grade 3

Starry Sky (DK Super Reader Level 4)

by Kate Hayden

At 48 pages long, there is a ton of information packed in to this book. This would also be an excellent resource for older kids or adults who want a quick overview of the history of studying stars, and what we can learn about stars by studying them from Earth.

Wonders of the Night Sky

by Professor Raman Prinja

High School/Adult

The Book of the Moon: A Guide to Our Closest Neighbor

by Aderin-Pocock

Glow

A Family Guide to the Night Sky

by Noelia Gonzalez & Sara Boccacini Meadows

The Museum on the Moon The Curious Objects on the Lunar Surface

by Irene Latham & Myriam Wares

For Additional Resources about the Eclipse visit:

**[MarionLibrary.org/
content/solar-eclipse-
information](https://marionlibrary.org/content/solar-eclipse-information)**