

Additional Instructional Resources

Project Lead The Way understands the importance of introducing literature to students. As such, we created this list of additional resources specific to the activities, project, and problem in the Light: Observing the Sun, Moon, and Stars module.

These resources are not included in the equipment kit, and they are not covered in the 10 instructional hours of the module. Using these resources helps students make connections if the content is new to them.

Books

The following books align with topics addressed in the module.

APB	Title	Author
Activity 1	Does the Sun Sleep? Noticing Sun, Moon, and Star Patterns	Martha E. Rustad
	I Am the Sun: A Book About the Sun for Kids	Rebecca McDonald
	Summer Sun Risin'	W. Nikola-Lisa
	The Sun	Melanie Chrismer
	The Sun and the Moon	Carolyn Cinami DeCristofano
	The Sun Is Kind of a Big Deal	Nick Seluk
	Sun! One in a Billion	Stacy McAnulty
	Sun Up, Sun Down	Gail Gibbons
Activity 2	The Faces or Phases of the Moon	Baby Professor
	I Am the Moon	Rebecca McDonlad
	The Moon	Melanie Chrismer
	Moon: A Peek-Through Picture Book	Britta Teckentrup
	The Moon Book	Gail Gibbons
	Moon! Earth's Best Friend	Stacy McAnulty
	The Moon Seems to Change	Franklyn M. Branley
Activity 3	Hey! Don't Forget the Sunscreen	Kimberling Galeti Kennedy
	Night Sky	Howard Schneider

APB	Title	Author
	Our Stars	Anne Rockwell
	Pete the Cat and His Magic Sunglasses	James and Kimberly Dean
	Sammy Learns About Sunscreen	Manisha Shelley Kaura
	Stargazers	Gail Gibbons
Project	What Do Scientists Do All Day?	Jane Wilsher
Problem	The Backyard Build	Jonathan Litton
	Cao Chung Weighs an Elephant	Songju Ma Daemicke
	Dreaming Up: A Celebration of Building	Christy Hale
	If I Built a House	Chris Van Dusen
	Iggy Peck, Architect	Andrea Beaty
	Izzy Gizmo	Pip Jones
	Like Me	Quinn Woodard
	Kama's Lei	Robin Montgomery
	The Most Magnificent Thing	Ashley Spires
	The Pot That Juan Built	Nancy Andrews-Goebel
	Rainbow Joe and Me	Maria Diaz Strom
	Rainbow Weaver/Tejedora del arcoíris	Linda Elovitz Marshall
	Rosie Revere, Engineer	Andrea Beaty
	The Turtle Ship	Helena Ku Rhee
	Where Is the Sun?	Eric Carle

Historical Connections

The following books can help students make connections to historical narratives.

Title	Author
Born Curious: 20 Girls Who Grew Up to Be Awesome Scientists	Martha Freeman
Caroline's Comets: A True Story	Emily Arnold McCully
Classified: The Secret Career of Mary Golda Ross, Cherokee Aerospace Engineer	Traci Sorrell
Dream Builder	Kelly Starling Lyons
The Girl With a Mind For Math: The Story of Raye Montague	Julia Finley Mosca
The Girl Who Thought in Pictures: The Story of Dr. Temple Grandin	Julia Finley Mosca
Look Up with Me: Neil deGrasse Tyson: A Life Among the Stars	Jennifer Berne
Mae Among the Stars	Roda Ahmed
Margaret and the Moon	Dean Robbins
Secret Engineer: How Emily Roebling Built the Brooklyn Bridge	Rachel Dougherty
Starstruck: The Cosmic Journey of Neil deGrasse Tyson	Kathleen Krull and Paul Brewer
When Sparks Fly: The True Story of Robert Goddard, the Father of US Rocketry	Kriste Fulton
Whoosh!: Lonnie Johnson's Super-Soaking Stream of Inventions	Chris Barton

Music and Videos

The following resources offer opportunities for students to engage with music, rhythm, or rhyme that align with topics addressed in the module.

Title	Author
Constellations: Connect the Dots in the Sky!	SciShow Kids
Here Comes the Sun	Crash Course Kids
Moon Song	Have Fun Teaching
Sun 101	National Geographic
The Sun: Science Trek	PBS Learning Media
The Sun Song	Scratch Garden
Tour of the Moon	NASA Goddard
What Are Stars?	SciShow Kids
Why Does the Moon Change?	SciShow Kids

Websites

The following online resources offer opportunities to build your own understanding of the concepts as you prepare to facilitate this module.

Title	Source	Site
Imagine the Universe!	NASA	https://imagine.gsfc.nasa.gov/resources/resources_s.html
Lunar Resources: Unlocking the Space Frontier	National Space Society	https://space.nss.org/lunar-resources-unlocking-the-space-frontier/
The Power of the Sun	National Geographic	https://www.nationalgeographic.org/article/power-sun/
What Color is the Sun??	NASA	https://eclipse2017.nasa.gov/what-color-sun
Why Do We Study Stars?	TED Ed	https://www.youtube.com/watch?v=i7930fj3T54