



MUSEUM OF
NATURAL HISTORY
AND PLANETARIUM
Roger Williams Park

Max Goes to the Moon

A Pre-Visit Information Guide for Teachers

NGSS: K-PS2-1, 1-ESS1-1-2, K-2-ETS1-1, 3-PS2-1-2

ABOUT THE CORMACK PLANETARIUM

- The ASH Warped Media full-dome projector system surrounds audiences with 360-degree digital visuals on the dome.
- In a planetarium, objects in the universe are projected, as they exist at any time in space.
- These celestial objects are projected onto a dome-shaped ceiling so it appears that one is looking up into the night sky.
- Our Star Projector is capable of displaying images of over 7,000 stars...many more than anyone can see without the aid of a telescope. Planets, comets, satellites and the Milky Way and Andromeda Galaxy can also be projected.

MAX GOES TO THE MOON

The first children's books to be read from space! The Max Science Adventure series books break down the boundary that has traditionally separated large format picture books from books that focus on science education. The beautifully illustrated stories appeal to all ages as Max (the dog) and his friends use their space adventures to bring a message of inspiration and hope to the human race. At the same time, "Big Kid Box" sidebars provide older children and parents with clear explanations of the sophisticated science that lies behind the scenes. The books always conclude with an activity suitable for family or classroom use.

SUGGESTED CONCEPTS TO REVIEW INCLUDE

Artemis	phases	gibbous
Apollo	waxing	gravity
luna	waning	atmosphere

HELPFUL INFORMATION: THE MAX SERIES

Are you (or your kids) excited about NASA's Artemis Program for return to the Moon? There's no better way to get prepared than with this first book in the Max Science Adventure Series. In this fictional story, Max (the dog) and a young girl named Tori take the first trip to the Moon since the Apollo era. Along the way, the story sets the stage for the more sophisticated science of the "Big Kid Box" sidebars, which cover topics including "Phases of the Moon," "Wings in Space?," and "Frisbees and Curve Balls on the Moon" — all thoughtfully explained so that grownups and children can learn together about science. Toward the end, Max and Tori's trip proves so inspiring to people back on Earth that all the nations of the world come together to build a great Moon colony from which "the beautiful views of Earth from the Moon made everyone realize that we all share a small and precious planet."



Astronaut Mike Hopkins reading *Max Goes to the Moon* aboard the International Space Station, for the Story Time From Space program.

ACTIVITIES

Teachers are encouraged to conduct pre-visit and post-visit classroom discussions and activities with their classes to make the most of their experience. During this program, students will explore our Moon up close, and learn about some of the discoveries that have been made by our observation and exploration of the Moon. Get your students excited by having them keep Moon journals recording what they observe of the Moon over the course of a month.

<https://www.jpl.nasa.gov/edu/resources/project/look-at-the-moon-journaling-project/>