



STARS AND STORIES

Pre-K & Kindergarten | 30 Minutes

Program Overview

Description

In this planetarium field trip students will blast off to the Sun to learn it is big, hot, and far away. Return to Earth and see how the Sun lights part of the Earth all the time. Land on the ground and watch the Sun, moon, and stars travel from east to west in this active program. Once it is night, see the nighttime stars and some age appropriate constellation stories about the shapes currently in the night sky!

Adult chaperones recommended: 2

Content Standards

Subject	Gr	Ohio Department of Education Standards
Earth/Space	Pre-K	With modeling and support, recognize familiar elements of the natural environment and understand that these may change over time (e.g., soil, weather, sun and moon).
Earth/Space	K	The moon, sun and stars can be observed at different times of the day or night.
Language/ Literacy	Pre-K	<ul style="list-style-type: none">• Demonstrate an understanding of the differences between fantasy and reality.• With modeling and support, describe what part of the story the illustration depicts.• With modeling and support, determine the meanings of unknown words/concepts using the context of conversations, pictures that accompany text or concrete objects.

Vocabulary

Day time	stars
Night time	sun
moon	
constellation	

Books we recommend

- Let's Go, Pegasus! By Jean Marzollo. Little Brown & Company, 2006.
- Once Upon a Starry Night by Mitton & Balit. National Geographic, 2003.
- The Story of Orion by Thomas Troupe. Picture Window Books, 2013.

Post-Trip Activities

DIY Constellations: Have students place star stickers on black paper and connect the stickers with white crayon. Let the students share what their constellations are and the stories they made up!

Other Resources

Constellation stories for kids: <https://telescopeheros.com/constellations-stories-for-kids/>

NASA Space Place, Constellations: <https://spaceplace.nasa.gov/search/constellations/>