

Planetarium

Planetarium programs for school groups are by advance reservation only.
Programs available at 10:30am and 11:30am. Select titles available at 1:30.



Take your class on a journey to space!

Live Programs

Beyond Your Backyard Sky

Grades: 6-12

Capacity: 140

Length: 45 minutes

- Explore the current sky and compare observations of stars and planets
- Launch from a backyard view of the sky into space and through the solar system and Milky Way galaxy
- See how the stars and planets of the nighttime sky fit into the universe as a whole

Cruise the Cosmos

Grades: 6-12

Capacity: 100

Length: 35 minutes

This program is only available at 1:30pm

- Fly through the solar system and beyond the galaxy to explore the universe
- See how the stars and planets in the night sky fit into our universe

Exploring Planets

Grades: 3-5

Capacity: 140

Length: 45 minutes

- Fly through the solar system to investigate features of planets and dwarf planets
- Explore characteristics of a planet
- Learn about current space missions

Live From the Sun

Grades: 5-12

Capacity: 140

Length: 45 minutes

This program is only available Thursdays and Fridays October – December and April – June

- See live images of the Sun direct from our rooftop observatory telescope, weather permitting
- Investigate sunspots and other changing solar features
- Learn about current space missions exploring the Sun

Seasons in the Sky

Grades: 5-7

Capacity: 140

Length: 45 minutes

- Tour seasonal constellations of the night sky
- Explore reasons for the seasons
- Learn how to use a starmap for backyard stargazing

Shapes in the Sky

Grades: 1-2

Capacity: 140

Length: 35 minutes

- Look for familiar shapes among the stars in the sky
- Imagine and create personal star patterns
- Observe patterns of the motion of stars and the Moon

Stories in the Stars

Grades: 3-8

Capacity: 140

Length: 45 minutes

- See how different or similar the night sky looks in a tour around the world
- Find out how people from all around the world look up at the same stars and see different pictures
- Explore the night sky and hear stories that bring new pictures to life

The Sky Tonight

Grades: 3-5

Capacity: 140

Length: 45 minutes

This program also available at 1:30 pm

- Observe current objects in the night sky
- Find and identify stars, planets, and phases of the Moon
- Learn how to use a starmap for backyard stargazing

Recorded Programs

Cosmic Colors

Grades: 4-12

Capacity: 140

Length: 35 minutes

- View the human eye up close and discover what structures allow us to see the visible light spectrum
- Discover the many reasons for color to find out why the sky is blue and why Mars is red
- Explore the invisible side of the electromagnetic spectrum and see how different wavelengths can be used in everyday life

Colors of the Solar System

Grades: PreK4 - 2

Capacity: 140

Length: 15 minutes

- Tour our solar system through crayon likenesses of the Sun, Moon, and planets
- Explore the solar system's primary members and what makes them special
- Make comparisons to different places in our solar system

Forward to the Moon

Grades: 3-12

Capacity: 140

Length: 35 minutes

- Learn about NASA's 21st century Artemis program
- Discover how we are planning towards a sustainable future in space
- Follow the exciting next step in our mission to explore the universe

One World One Sky: Big Bird's Adventure

Grades: PreK4-2

Capacity: 140

Length: 35 minutes

- Follow Sesame Street's Big Bird and Elmo as they explore the night sky
- Meet Hu Hu Zhu, a Muppet from the Chinese co-production of Sesame Street
- Take an imaginary trip to the Moon with Elmo and Hu Hu Zhu

Solar System Odyssey

Grades: 3-7

Capacity: 140

Length: 35 minutes

- Go on a futuristic journey through the solar system
- Set out on a mission to discover a new home to colonize
- Learn what makes a world an ideal habitat for life and what it would take for humans to live there

To Space and Back

Grades: 4-12

Capacity: 140

Length: 35 minutes

- Value human ingenuity and engineering as technologies that influence everyday life
- Realize how we benefit from technology developed for space
- Discover what we owe to human curiosity and the spirit of discovery

Unveiling the Invisible Universe

Grades: 6-12

Capacity: 140

Length: 35 minutes

- Discover the invisible side of the electromagnetic spectrum
- Learn about the technologies that astronomers use to investigate cosmic phenomena

We Are Aliens

Grades: 4-12

Capacity: 140

Length: 35 minutes

- Explore how the understanding of life on Earth guides the search for alien life elsewhere in the universe
- See how astronomers detect planets around other stars and how to identify which might be habitable
- Consider how different science disciplines work together to answer the question "Are we alone in the universe?"

