

planetarium programs



Our state-of-the-art Suits-Bueche Planetarium features a variety of shows for 2009-2010! We are the only regional Planetarium where every show is hosted by an educator and includes a tour of the seasonal night sky. **Unless otherwise noted, all programs are 45 minutes.**

The Schenectady Museum & Suits-Bueche Planetarium is an official NASA Space Place!

GRADE LEVELS AT A GLANCE

Planetarium Programs	Recommended for the following Grade Levels (shaded categories)										
	Pre-K	K	1	2	3	4	5	6	7	8	9-12
Wonderful Sky											
The Sky Above Mister Rogers' Neighborhood											
WSKY: Radio Station of the Stars											
NEW! Rusty Rocket's Last Blast											
'Tis the Season (Nov. 24 – Jan. 3)											
Our Place in Space											
NEW! Lunar Odyssey											
Secrets of the Sky (Live Show)											
Cosmic Wonders (Live Show)											
Astronomy for Earth Science – AES: The Sun & More (Live Show)											
Astronomy for Earth Science – AES: The Moon & More (Live Show)											

All Planetarium Programs: New York State MST Standards 1 & 4

WONDERFUL SKY

Grades Pre-K – K

Explore the sights and sounds of the day and night sky. From clouds to stars, from the Moon to the planets, we move from our own backyard on a partly cloudy night, through a brief storm and on to the stars. This introductory program guides young audiences through the seasonal sky and helps them experience the wonders of the cosmos. (30 minutes).

THE SKY ABOVE MISTER ROGERS' NEIGHBORHOOD

Grades Pre-K – K

Fred Rogers and his Neighborhood of Make-Believe friends explore the wonders of the sky in this first-visit Planetarium show geared to pre-school audiences. (30 minutes).

WSKY: RADIO STATION OF THE STARS

Grades 3 – 6

This entertaining overview of astronomy topics is delivered in a fast-paced radio show format. Tune in to WSKY, a radio station that talks about the night sky, plays the hottest songs, and even delivers the traffic report from the asteroid belt of the solar system.

NEW! RUSTY ROCKET'S LAST BLAST (Beginning January 2009)

Grades 1 – 5

Lift off with Rusty Rocket and learn rocket basics, tour the solar system, relive great moments in space exploration, and discover how far it really is to the Moon and planets.

'TIS THE SEASON (Nov. 24 – Jan. 3)

Grades 4 and up

Light up the cold, dark winter with a bright holiday show that explores the history of holiday customs, cultural celebrations practiced during the winter solstice, and general astronomy topics like seasons and the winter night sky.

OUR PLACE IN SPACE

Grades 1 – 2

While solving a crossword puzzle about the sky, endangered animals explore the cause of day and night, the importance of our star the Sun, the beauty of the constellations, and the variety of objects that make up the Universe.

NEW! LUNAR ODYSSEY

Grades 5 – 12

Experts in lunar mythology, history, science, and astronomy take you on a guided tour of the awesome beauty and mysteries of Earth's nearest neighbor in space, the Moon.

custom live programs

SECRETS OF THE SKY

Grades 1 – 3

A live program geared to younger audiences and featuring a sing-along. Like other live shows, it highlights the seasonal night sky and astronomical happenings.

COSMIC WONDERS

Grades 3 and up

This live program highlights the seasonal night sky, including constellations, planets, the Moon and current astronomical events. Tell us what you are studying! We will emphasize specific topics such as constellation mythology or the solar system, or even a behind-the-scenes tour of how a planetarium works.

astronomy for earth science

ASTRONOMY FOR EARTH SCIENCE (AES)

Grades 8 – 12

The Planetarium is an excellent tool to demonstrate astronomical phenomena and concepts covered on the Regents Exam. We offer two separate lessons examining the different topics that are on the Regents. Sign up for either or both, your choice. Special rate applies when you book both programs on the same day. An introduction to the seasonal sky is included with each show.

AES: THE SUN & MORE

This program takes a look at the apparent motions of the stars and circumpolar constellations. The rising and setting of the Sun at the start of each season is duplicated in the Planetarium sky, along with the Sun's elevation at noon throughout the year. Incorporated into this lesson are the Ecliptic, Meridian, and Celestial Equator, and how they relate to the seasons and the tilt of the Earth's axis.

AES: THE MOON & MORE

This program demonstrates planetary motion, including retrograde motion of the planets as seen from Earth, and from outside of the Solar System. The Lunar Cycle and phases are viewed in the dome at "weekly intervals" and the phenomena of Eclipses is explained and shown.

