



Stargazing For Everyone, LLC
Tony & Carole La Conte

Phone: (623) 979 - 1393

Fax: (623) 979 - 6699

Tony@StargazingForEveryone.com

www.StargazingForEveryone.com

www.NightSkyShow.com

*** Program and Activity Descriptions ***

The descriptions below are programs and activities offered by Stargazing For Everyone, LLC. These are fun, exciting, interactive, educational programs and activities for schools and youth groups. These programs showcase the wonders of the universe; engage the participants in active learning; and are great for science fairs, outdoor education programs, family nights, camps and private events. The fees are dependent on the type of program, number of attendees, content, duration, equipment needed, location and any special program activities such as photography, video taping, etc. School Purchase orders are accepted. All major credit cards and school purchase cards are accepted for an additional processing fee. Call Stargazing For Everyone to design a corporate or private program and to get a quote.

Stargazing Programs: (2 - 3 hours)

Your audience will enjoy a multi-media presentation about the night sky and view the wonders of the universe through our professional telescopes. They will learn the names of stars, identify the constellations, and listen to multicultural stories of the night sky. When visible, view the craters of the Moon, Venus, Mars, Jupiter, Saturn and its rings, star clusters, nebula, and galaxies. We have special equipment for wheelchair access viewing, please identify any special needs at the time of scheduling one of our programs.

Exploring the Sun: The Earth-Sun Connection (45 - 60 minutes)

No need for sunglasses here, take advantage of this special opportunity to observe and learn about our "Home Star" - The Sun. Explore the Sun's structure, evolution, how it compares to other stars, solar phenomena and observable features, solar cycles and their effect on Earth, why we have seasons, and how to be "Sun-Safe". Observe the sun using SPECIAL PROFESSIONAL white light and H-alpha solar filters with our telescopes and the Coronado PST to SAFELY view the Sun; see sunspots, solar flares, prominences, and other solar features. Use the "Sunspotter" for group viewing and sketching the Sun's visible surface. We have special equipment for wheelchair access viewing, please identify any special needs at the time of scheduling one of our programs.

Planetarium Programs: (45 - 60 minutes)

These are day or night programs inside the StarLab Planetarium dome where you are transported into a night sky environment for an exciting and educational adventure. Learn about the stars, constellations, the moon, planets, deep space objects, celestial coordinates, the seasons, multicultural folklore/mythology, and much more. All programs are customized, age appropriate and wheelchair accessible. The number of people each dome can accommodate is listed below (the number will be less if chairs are used for seating inside the dome).

The Standard Dome requires a room with a clear 25' by 25' area and a ceiling height of 12' free of any low hanging fixtures.

The Giant Dome requires a room with a clear 30' by 30' area and a ceiling height of 15' free of any low hanging fixtures.

Standard Dome Programs

Giant Dome Programs

(~25 to 30 people per program)

(~75 to 90 people per program)

Number of Programs	Number of Attendees	Number of Programs	Number of Attendees
1	up to 30	1	up to 90
2	30 to 60	2	90 to 180
3	60 to 90	3	180 to 270
4	90 to 120	4	270 to 360
5	120 to 150	5	360 to 450
6	150 to 180	6	450 to 540

Assembly Programs: (60 - 90 minutes)

Choose from a wide variety of topics or customize it to your needs. All assemblies are age appropriate and address historical facts and major concepts in astronomy and space science while engaging the participants in active learning. These assemblies are suitable for a wide range of audiences from pre-school to high school including scout groups, homeschool groups and special events. Call for detailed assembly descriptions.

Group Activities: (45 - 60 minutes)

Choose from a wide variety of activities or customize one to your needs. All activities are age appropriate and demonstrate the how and why of major concepts in astronomy and space science while engaging participants in active learning. These activities are suitable for a wide range of audiences from pre-school to high school including scout groups, homeschool groups and special events. All materials and supplies are provided, additional fees may apply for special activity kits. Call for detailed activity descriptions.

Special Interest Classes

Call to set up one of these exciting classes for your group at your location.

Telescope Help Class (3 hours)

Bring your telescope and get some help! The Telescope Help Class is one evening geared to help you with the assembly and operation of any telescope you may have. The goal of this class is to insure your telescope is properly assembled and you understand the basic use and operation of the telescope. We will help you assemble your telescope if you are having difficulty. You will learn how to align your telescope, use the various accessories, and actually view interesting objects, such as the moon, planets, star clusters, nebula, and galaxies with your telescope.

Telescope Basics Class (2 nights, 2 hours per night)

This is a two night class on using a telescope and learning how to read star charts to find interesting objects to view. These are "Hands and Eyes" on classes under the stars where you use telescopes to observe the evening sky. Telescopes will be available for your use or bring your own. Learn how to set-up and use a telescope, telescope basics are explained, and the limitations of size and types are discussed. Learn to identify the constellations and listen to sky folklore; learn how to use planispheres and star charts to find your way to interesting objects to observe. Observe detailed views of craters on the moon, the cloud bands of Jupiter, the rings of Saturn, star clusters, nebulae, and galaxies millions of light-years away.

Urban Binocular Stargazing Class (2 hours)

This is a one night class on using binoculars to observe the night sky and learning how to read star charts to find interesting objects to view through binoculars. These are "Hands and Eyes" on classes under the stars where you use binoculars to observe the evening sky. Binocular basics are explained and special observing techniques are presented. Learn to identify the constellations and listen to sky folklore; learn how to use planispheres and star charts to find your way to interesting objects to observe. Attendees should bring their binoculars as they will be observing the night sky during the class. Binoculars are available for your use during the class.

Night-Time Stargazing Parent-Child Class: (3 hours)

A one evening stargazing class for adults and children. This class is structured for an adult/child pair to explore the universe from the moon to the planets and beyond. The class includes a multimedia presentation on the wonders of the universe, using star charts, hands-on telescope instruction and viewing.

Special Enrichment Assemblies and Classroom-Camp Activity Programs

Bring the "StarLab" Planetarium or one or more of these exciting assemblies and activities to your school or camp.

"We Bring the Universe to You" Lectures: (60 - 90 minute lecture)

Set-up one or a series of lectures and multimedia presentations that explore the universe, from the moon to the planets and beyond. Enjoy these one hour lectures and multimedia presentations on the wonders of the universe followed by a question and answer period. For an additional fee, telescope viewing can be included.

Cosmic Discoveries: The History of Women in Astronomy (60 - 90 minute lecture)

This is a great class for girls and women or anyone interested in the contributions women have made in astronomy. This fascinating science history enrichment presentation will discuss astronomical discoveries and the women who helped make them. The presentation unravels different astronomical mysteries by explaining who and how the discoveries were made. Enjoy this one hour lecture and multimedia presentation followed by a question and answer period. For an additional fee, telescope viewing can be included.

Solar System Explorers: (60 - 90 minute lecture)

"Planet-Hop" across the solar system. This is a trip to the planets and their moons, explore the solar system, viewing the latest NASA discoveries with computer simulations and multimedia presentations. Topics can include the planets and their moons, asteroids, comets, and the Sun. Enjoy this one hour lecture and multimedia presentation followed by a question and answer period. An optional "Planet Hunt" in the "StarLab" portable planetarium is available for an additional fee.

Light Speed Explorers: (60 - 90 minute lecture)

Travel through time and space as you explore our Milky Way Galaxy and beyond. Explore our galaxy, viewing the latest NASA discoveries with computer simulations and multimedia presentations. Topics can include the constellations and deep space objects such as star clusters, nebula, black holes, supernovas and other galaxies. Enjoy this one hour lecture and multimedia presentation followed by a question and answer period. An optional stargazing event in the "StarLab" portable planetarium is available for an additional fee.

Experiments in Astronomy (1 hour class)

Students learn about astronomical devices and perform astronomical experiments. This is a hands-on class with activities to challenge and engage students in active learning.