Scobee Education Center at San Antonio College

1819 N. Main Ave.
San Antonio, TX 78212
210-486-0100

Scobee Planetarium Program Guide
2021-22 School Year

Dear Educator,

The Scobee Planetarium has been located at San Antonio College since 1961 and celebrates its 60th anniversary on October 1, 2021. With more than a million guests to view the stars under the planetarium dome, never before have planetarium presentations come alive as do they do now with computer generated animations and striking imagery from across the cosmos. We offer a variety of presentations suitable for grades pre-K through 12th. Up to 100 adventurers may rocket through the solar system with animated tour guides, sail through the constellations of the night sky or take a historic journey with the first humans to explore the surface of Mars. There are more than 20 programs to choose from with four programs specifically designed for our youngest explorers and a host of selections for grade 4 through adult.

The Challenger Learning Center is a uniquely interactive simulator where 32 participants become immersed in the roles of astronauts, scientists, doctors and engineers aboard a spacecraft working with the Martian Mission Control on the distant moon, Phobos. Communication and 21st century interpersonal teamwork skills are reinforced through every aspect of the mission as the crew is immersed in hands-on role-playing in our next generation simulator unlike any other across the global Challenger community.

For our youngest explorers, the Micronaut™ Missions are scheduled during the year when the elementary and middle school students are preparing for or taking the STAAR tests. (April 4-7, 2022 [Gr. 2-3] & May 2-6 [PK-1]) Designated for PreK-1 and 2nd through 3rd grades these uniquely designed missions engage early learners with age-appropriate hands-on activities that create new learning connections between early language and numbers skills, the arts and sciences. In late Spring 2022, we plan to open the new state-of-the-art Santikos Micronaut Center to immerse early learners in an entirely new out-of-this-world experience.

Our center administration specialist, Monica Gutierrez, will help you select available dates, times and grade appropriate programs. You may register for planetarium programs, Challenger or Micronaut™ missions or combinations depending upon the age and size of your group and pricing. For reservations or questions, contact us at 210-486-0100 or e-mail sac-ScobeeCtr@alamo.edu.

We look forward to the opportunity to work with you and your students to introduce them to the "out of this world" experience at the Scobee Education Center.

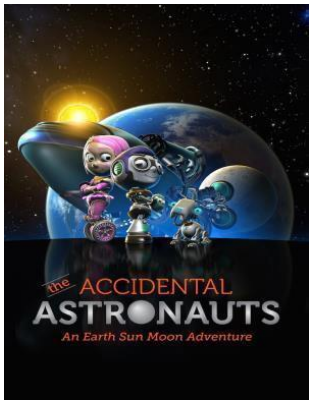
Sincerely,

Rick Varner
Center Director

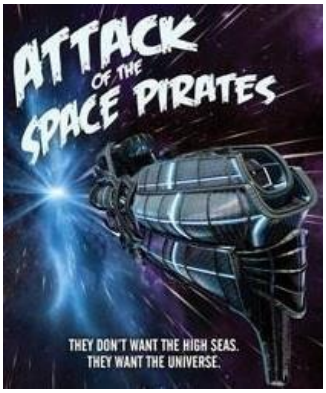
Scobee Education Center Planetarium at San Antonio College
2021-22 Planetarium Program Descriptions and Reservation Guide

Program Descriptions

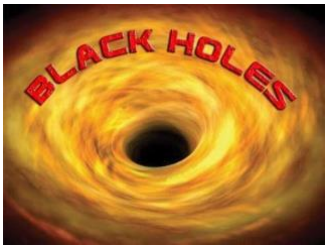
Our planetarium programs are designed to be "grade-specific." If you have questions about program content and which show to choose, ask our staff at 210-486-0100. Although each show listed has a different "run-time," plan on about one hour in the planetarium per show. Shorter programs may be run consecutively to fit within the 40-50 minute program block.



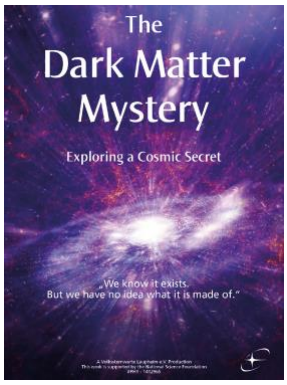
"ACCIDENTAL ASTRONAUTS" Grades pre-kindergarten – 3rd.
Follow the adventures of Cy and Annie and their dog Armstrong as they embark on an unexpected journey into space! Explore the Earth, Sun and Moon system with a wise-cracking starship computer. Bounce along with them on the surface of the Moon. Get up close and personal with a solar storm. And gain a new appreciation of our home planet. "The Accidental Astronauts" is a space adventure for all ages. 35 minutes
Trailer: https://www.youtube.com/watch?v=3ADNj8axCj4



"ATTACK OF THE SPACE PIRATES" – Grades 3rd and above. Hidden somewhere in the vast reaches of space is an alien technology so powerful that it threatens the very galaxy itself. A gang of rogue pirates will stop at nothing to find that technology and unleash its awesome power against the rest of the universe. Now, only one valiant ship stands between the pirates and their total domination of space. It's a race against time for the Starship Intrepid as it seeks to find the alien technology first while defending itself against the attack of the space pirates! Embark on a thrilling adventure that has something for everyone: alien planets, exploding stars, black holes, evil villains and a series of space battles that will keep you on the edge of your seat. (Children under age 6 are not recommended due to the loud sounds of this program.) 38 minutes
Trailer: https://www.youtube.com/watch?v=1PRpjEvPzAc



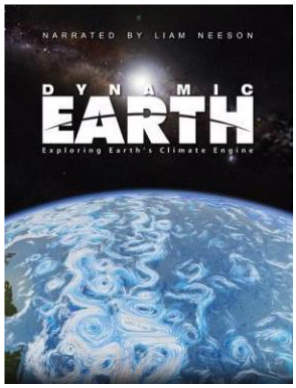
"BLACK HOLES" – Grades 6th and above. Our most conceptually academic show. Take a journey through one of the most mystifying, awe-inspiring phenomena in the universe: a black hole. Where do they come from? Where do they go? How do we find them? Is there a black hole in Earth's future? Using the latest in full-dome, animation visualization technology, explore with us the science and mystery of "Black Holes!" This program is narrated by actor John de Lancie, a.k.a. "Q" of Star Trek. (Children under age 6 not admitted.) 40 minutes
Trailer: https://www.youtube.com/watch?v=PUaG_G_EQZI



"DARK MATTER MYSTERY" – 7th Grade and above.

What keeps galaxies together? What are the building blocks of the Universe? What makes the Universe look the way it does today? Researchers all around the world try to answer these questions. We know today that approximately a quarter of the Universe is filled with a mysterious form known as Dark Matter. Take a journey on the biggest quest of contemporary astrophysics in the discovery of this unseen matter and how the search for it is one of the most challenging and exciting mysteries science has to offer. 38 minutes

Trailer: https://www.youtube.com/watch?v=eE_hFvAAoBo



"DYNAMIC EARTH" (ALSO AVAILABLE IN SPANISH) – Grades 3rd and above**.** Explore the inner workings of Earth's climate system. With visualizations based on satellite monitoring data and advanced supercomputer simulations, this cutting-edge production follows a trail of energy that flows from the Sun into the interlocking systems that shape our climate: the atmosphere, oceans, and the biosphere. Audiences will ride along on swirling ocean and wind currents, dive into the heart of a monster hurricane, come face-to-face with sharks and gigantic whales, and fly into roiling volcanoes. (Children under age 6 not admitted.) 25 minutes

Trailer: https://www.youtube.com/watch?v=DnSmFC-JgvQ

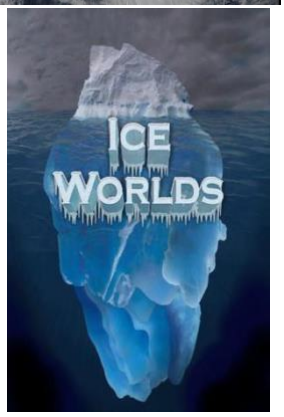
"EXPERIENCE THE AUROA" (ALSO AVAILABLE IN SPANISH) – Grades 5th and above. Over seven months in the Arctic Circle, photographers using special digital cameras and all-sky lenses imaged the breathtaking beauty of the Aurora Borealis or "Northern Lights." For the first time the aurora has been captured as it was meant to be experienced, as a display that covers the entire sky. This immersive presentation shares the science behind the aurora and tells the story of our quest to find and photograph one of nature's most magnificent displays. (Children under age 6 not admitted.) 26 minutes

Trailer: https://www.youtube.com/watch?v=du-P_bplkeo

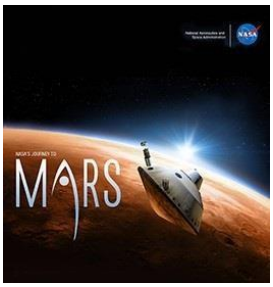
"EXTREME PLANETS" – Grades 4th and above. Ever since the first humans looked towards the stars, we have wondered whether we are alone in the Universe. Today, we are one step closer to knowing the answer. With the discovery of the first planet orbiting another star in 1995, we now know that planets are not unique to our own Solar System. Over 2,000 planets have been discovered orbiting stars beyond the Sun. In fact, these "extra- solar" planets appear to be quite common. While no one has yet found an Earth-like world with conditions similar to ours, it now seems only a matter of time before this discovery takes place. In this new program entitled, "Extreme Planets," we'll explore what makes a planet "Earth- like" and take a tour of several worlds that just might fit the conditions astronomers are looking for. From water worlds to molten landscapes, inhabitable moons to planets with multiple suns, these exotic worlds aren't just science fiction anymore. Embark upon a celestial quest in search for worlds orbiting other stars as we explore, "Extreme Planets!" (Children under age 6 not admitted.) 33 minutes

Trailer: https://www.youtube.com/watch?v=AqQJ6SeIE4U

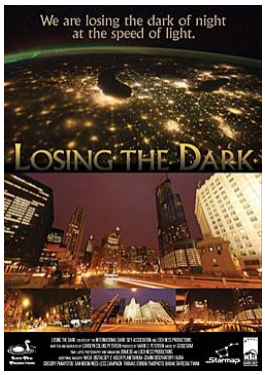
"From Earth to the Universe" – Grades 3rd and above. The night sky, both beautiful and mysterious, has been the subject of campfire stories, ancient myths and awe for as long as there have been people. A desire to comprehend the Universe may well be humanity's oldest shared intellectual experience. Yet only recently have we truly begun to grasp our place in the vast cosmos. 32 minutes
https://www.youtube.com/watch?v=gPwsX3P-xrc



"ICE WORLDS" (ALSO AVAILABLE IN SPANISH) – Grades 3rd and above. This presentation allows audiences to appreciate the delicate balance between ice, water and the existence of life, which has been a topic of exploration and discovery in science for generations. In travels to the Arctic and Antarctic regions of our planet, audiences will examine the ecosystems that live and thrive there and see how their survival is connected with our own. Beyond Earth, we'll see how the existence of ice shapes the landscape and the natural systems on other planets and moons in our solar system. This program is narrated by two-time Academy Award nominee for Best Actress, Emily Watson. 25 minutes
Trailer: https://www.youtube.com/watch?v=WuX9O1UcnLE



"**JOURNEY TO MARS"** ***Featurette*** – Grades 3rd and above. Prepare your students for STEM-related career opportunities in the future. Interest them in pushing the boundaries of technology and innovation. NASA's fleet of Mars robotic explorers are paving the way for human exploration of the Solar System in the coming decades. Have your students join NASA in preparing for a monumental journey of a lifetime – to Mars! 11 minutes
Trailer: http://es.com/Shows/JourneyToMars/



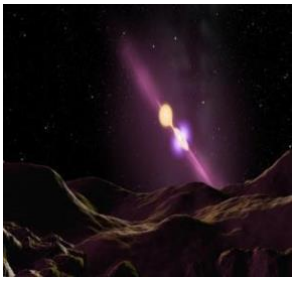
LOSING THE DARK" (ALSO AVAILABLE IN SPANISH) ***Featurette*** – Grades 3rd and above. Starry skies are a vanishing treasure because light pollution is washing away our view of the cosmos. It not only threatens astronomy, it disrupts wildlife, and affects human health. The yellow glows over cities and towns — seen so clearly from space — are testament to the billions spent in wasted energy from lighting up the sky. 7 minutes
Trailer: https://www.youtube.com/watch?v=dd82jaztFIo

"**Mars: 1001**" - An international crew of astronauts is about to embark on the first interplanetary journey in history, the first manned mission to the surface of Mars. Reporter Miles O'Brien is reporting live from his Space Headquarters TV Studio in New York while events unfold for the crew on their 1001-day long mission. We will witness firsthand their brave attempts to put human footprints on Mars and return safely to Earth. This journey is made possible by the biggest engineering feat ever and loaded with scientific experiments. The explorers will be extending our knowledge of Mars and will be learning whether or not mankind has a future among the stars.
25 minutes ***New August 2018 Trailer: https://vimeo.com/242277419***

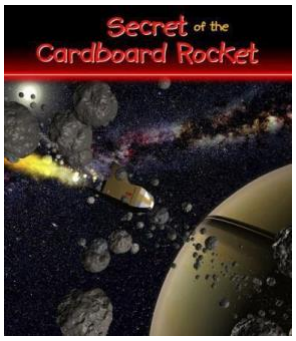
"**Perfect Little Planet"** - Imagine the ultimate space vacation! Discover our solar system through a new set of eyes -- a family from another star system seeking the perfect vacation spot. Fly over the surface of Pluto, our best-known Dwarf Planet. Dive over the ice cliffs of Miranda. Sail through the rings of Saturn. Feel the lightning storms of Jupiter. And walk on the surface of Mars. Which destination would you choose? A solar system journey for space travelers of all ages.
35 minutes

Trailer: https://www.youtube.com/watch?v=4C3QO3Y6_H8

"SATURN – JEWEL OF THE HEAVENS" – Grades 4th and above. Embark on a spectacular voyage to one of the most beautiful worlds of the solar system – Saturn! Once a planet of great mystery, we know more than ever about Saturn thanks to our robotic space pioneers. From the planet's bizarre moons and their mysterious features, to the millions of icy particles that compose Saturn's enigmatic rings, this program is the next best thing to an actual journey to the sun's sixth planet. (Children under age 6 not admitted.) 42 minutes
Trailer: https://www.youtube.com/watch?v=9v_2exy57zw



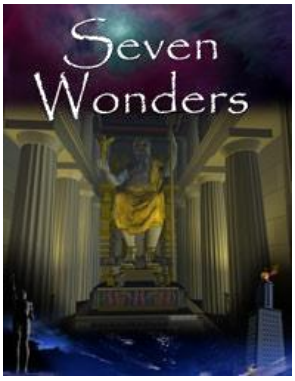
"SECRET LIVES OF STARS" (ALSO AVAILABLE IN SPANISH)– Grades 5th and above. Not all stars are created equal. Some are massive. Others are tiny; almost insignificant. The specific characteristics of a star will determine what type of life it will lead, how long it might live and even the type of death it will die. We will witness the amazing variety of stars and peer into their secret lives. Narrated by Sir Patrick Stewart of TV's Star Trek: The Next Generation. (Children under age 6 not admitted.) 28 minutes
Trailer: https://www.youtube.com/watch?v=METkHsaS9j4



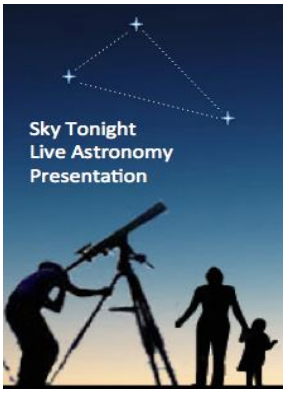
"SECRET OF THE CARDBOARD ROCKET" – Grades kindergarten – 3rd. Prepare for blast-off! "Secret of the Cardboard Rocket" is a children's show. Embark on a celestial adventure as two children spend a night touring the solar system inside their "cardboard spaceship" guided by their navigator – a talking astronomy book. Produced with state of the art animation, astronauts young and old will enjoy this imaginary journey to the sun and each of the planets. Even recently reclassified Pluto is not forgotten in our journey. Recommended that pre-K students have already seen "Little Star" in advance. 40 minutes
Trailer: https://www.youtube.com/watch?v=s4dzKTUZaWc

"SECRETS OF THE SUN" – Grades 6th and above. An intimate look at the roles the Sun plays in the life of our Solar System. From the nuclear forces churning at the heart of the Sun to the mass ejections of solar material into surrounding space, we experience the power of the Sun and its impact on the planets and ultimately life on Earth. We trace the Sun's life cycle, going back to its beginnings and moving forward in time to its eventual death.
21 minutes

Trailer: https://www.youtube.com/watch?v=1HhLcyZ9yqQ



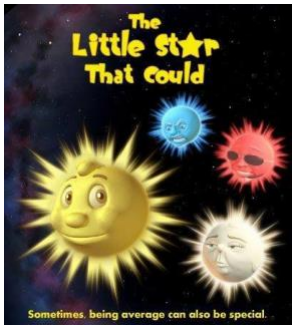
"SEVEN WONDERS" (ALSO AVAILABLE IN SPANISH) – Grades 4th and above. Join us as we travel back in time to explore the Seven Wonders of the ancient world. In Egypt, we will visit the Lighthouse of Alexandria and the Great Pyramids then travel to Persia to view the Mausoleum, and to Babylon to be awed by the fabled Hanging Gardens. The journey continues to Greece to tour the Temples of Zeus and Artemis, and then to Rhodes to stand in the shadow of the towering Colossus. We will investigate the theories of how these wonders were created. Following our exploration of the civilization's seven wonder we'll embark upon an exploration of Universe's greatest seven wonders - star clusters, black holes, supernova remnants, and nebulas. (Children under age 6 not admitted.) 32 minutes
Trailer: https://www.youtube.com/watch?v=xivYvg2f6YY



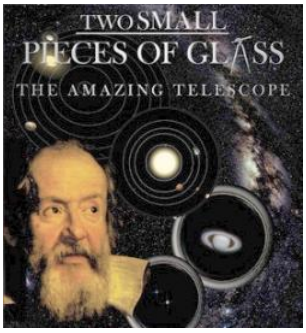
"SKY TONIGHT LIVE" – Grades 3rd and above. "THE SKY TONIGHT" takes the audience on a "live" tour of the wonders of the San Antonio night sky. This program highlights the Moon, the visible evening and morning planets, plus identifies several of the brightest stars and constellations in the current night sky. Plus, any special celestial events are also highlighted. This program is recommended if you have a wide variety of ages attending the planetarium. (Children under age 6 not admitted.) 45 - 50 minutes
Live Presentation

"TALES OF THE MAYA SKIES" (ALSO AVAILABLE IN SPANISH) – Grades 4th and above. Come experience a digital full-dome production that immerses the audience into the Maya astronomy, art and culture through a custom music score and computer visuals. Come explore the beauty of Chichén Itzá, Mexico, the "seventh wonder of the modern world." "Tales of the Maya Skies" inspires and educates through its description of the Maya's accurate astronomical achievements and how astronomy connected them to the Universe. This program is narrated by Latin Grammy award winner, Lila Downs. Please request Spanish language version if so desired, but note, pre and post show commentary by the planetarium staff is in English. (Children under age 6 not admitted.) 35 minutes
Trailer: **https://www.youtube.com/watch?v=43kbf30fFGU**

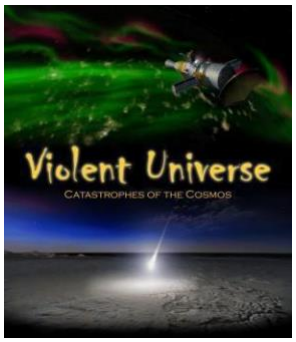
"THE FUTURE OF HUMAN EXPLORATION" – (Short featurette) Grades 3rd and above. Now that the Space Shuttle era is over, NASA is writing the next chapters in human Spaceflight with its commercial and international partners. It is advancing research and technology on the International Space Station, opening low-Earth orbit to US industry, and pushing the frontiers of deep space even farther all the way to Mars! 11 minutes.
https://www.nasa.gov/content/the-future-of-human-space-exploration-video-english-version



"THE LITTLE STAR THAT COULD" (ALSO AVAILABLE IN SPANISH) – Grades pre-kindergarten – 3rd. "The Little Star That Could" is a story about Little Star, an average yellow star in search for planets of his own to protect and warm. Along the way, he meets other stars, learns what makes each star special, and discovers that stars combine to form star clusters and galaxies. Eventually, Little Star finds his planets. Each planet is introduced to the audience along with basic information about our Solar System. "Little Star" features exquisite digital animation and should prove a success with our youngest audiences. 36 minutes
Trailer: https://www.youtube.com/watch?v=nP4xwZrGQzg



TWO SMALL PIECES OF GLASS" – Grades 3rd and above. Galileo's telescopic observations began a revolution, transforming our views of the cosmos and our place within. It is a revolution which, four hundred years later, continues. Today you can attend star parties where amateur astronomers set up their telescopes for public viewing. Views through such telescopes would have amazed Galileo. Two Small Pieces of Glass puts you in the middle of a modern star party. Discover the wonders that even a small amateur telescope can reveal and learn about the scientists that made such views possible.
23 minutes
Trailer: https://www.youtube.com/watch?v=38DZVfWTXoo

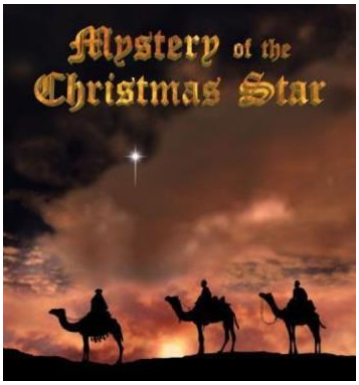


"VIOLENT UNIVERSE" (ALSO AVAILABLE IN SPANISH) – Grades 4th and above. The beauty of a starlit sky conceals the violent forces at work within our universe. From the upheaval of a giant star that explodes to release its material into space, to a future encounter between the Earth and a large asteroid that passes too close for comfort, we will witness the forces that hold the universe together and occasionally try to rip it apart. This program is narrated by Patrick Stewart of Star Trek: The Next Generation. This program is preceded by a 10-15 minute "live" examination of the current night sky. (Children under age 6 not admitted.) 30 minutes
Trailer: **https://www.youtube.com/watch?v=QMZvalEUc4Q**

"**WONDERS OF THE UNIVERSE**" – 3rd Grade and above. Peer deep into space through the eyes of the orbiting Hubble Space Telescope and travel back billions of years in time to witness the birth of the universe. On this breathtaking excursion, you'll witness the formation of galaxies and explore some of the most wondrous nebulae and astronomical structures yet discovered. As your travels continue, you'll fly deep into our own Milky Way Galaxy and return home to Earth on a spectacular tour through the Solar System. 21 minutes
Trailer: https://www.youtube.com/watch?v=MSopZAGavqc

Presented in December Only.

"SEASON OF LIGHT" – Grades 1st and above. "Season of Light" is a program about the coldest and darkest of seasons — a time which holds some of the warmest and brightest celebrations of the year. This presentation traces the history and development of many of the world's most endearing holiday customs, all of which involve lighting up the winter season — from the burning Yule log, sparkling Christmas tree lights and candles in windows, to the lighting of luminarias in the American Southwest and the traditional ritual of the Hanukkah Menorah. The show also recounts the historical religious and cultural rituals practiced during the time of winter solstice — not only Christian and Jewish, but also Celtic, Nordic, Roman, Irish, Mexican and Hopi Indian. It also takes a look at some of our more light-hearted seasonal traditions: from gift-giving and kissing under the mistletoe, to songs about lords a-leaping and ladies dancing, and the custom of decking the halls with greenery and candles. St. Nicholas, Sinterklaas, Kris Kringle, Father Christmas, and Santa Claus all drop by as well. Naturally, there is astronomy in "Season of Light." Audiences learn a selection of Northern Hemisphere winter constellations, and find out why we even have seasons, as we demonstrate the Sun's path across the sky throughout the year, and the Earth's tilt and orbit around the Sun. And of course, the program explores the possible astronomical explanations for a "Star over Bethlehem." Could the "star" have been a comet, meteor, novae and supernovae, or conjunction of planets? All this and more are explored in our special presentation, "Season of Light." This program is narrated by Noah Adams, host of National Public Radio's, "All Things Considered." 35 minutes
Trailer: https://www.youtube.com/watch?v=zn-geRKrIjM



"MYSTERY OF THE CHRISTMAS STAR" (ALSO AVAILABLE IN SPANISH)– Grades 2nd and above. Journey back 2000 years to Bethlehem as we seek to discover a scientific explanation for the Star the wise men followed to find the baby Jesus. We'll investigate possible dates for the birth of Christ and look at recorded sightings of significant astronomical events during this timeframe. We'll see which of these signs in the sky could have been remarkable enough to cause the wise men to travel across the desert from Babylon to Bethlehem just to see a newborn King. This modern retelling of the Christmas story is sure to charm and captivate our audiences. (Children under age 6 not admitted.)
30 minutes
Trailer: https://www.youtube.com/watch?v=tIjCYN7WzAw

HOW TO MAKE A RESERVATION AT THE SCOBEE EDUCATION CENTER

1. Fill out the **Registration Form** for the program or programs you wish to attend and send it into us at sac-scobeectr@alamo.edu Please have a first, second and third option on dates listed on the form. Reservations for the 2021-22 school year are taken at the start of the school year and generally much more difficult to place as the year progresses.
2. The forms are processed in the order that they are received and are dependent upon availability. Many Challenger Learning Center missions typically include a 10:00 and 12:15 planetarium presentation, as a result these presentations are scheduled as middle school grade level programs. 11:00am programs are scheduled by the groups paying for the initial program and smaller groups may be added when seating is available and content aligns
3. Teachers will receive a confirmation email; invoices are sent 30 days before the actual field trip; if teachers need an invoice sooner, they need to let administrative specialist know. If teachers have not received a confirmation email by day five, they should follow up by contacting the center administrative specialist, Monica Gutierrez, at 210-486-0103 or send an email to sac-scobeectr@alamo.edu (Sometimes, we experience a high volume of calls and Registration Forms, especially from Oct. thru Dec. and Feb. thru March). Typically, by April, the dates following STAAR Testing are fully scheduled.
4. **Payment of Fees** If your organization requires an invoice for an organization, school, or ISD payment you will receive a quote for processing through the Alamo Colleges District accounts payable office. Invoices from the ACCD will be sent following your program. The SEC office can generate a quote from which you may work through the payment process. If the organization is not already included in the ACCD data base, we will require a copy of the W-9 or tax-exempt form for invoicing the ACCD. The Scobee Education Center may accept credit card transactions, cash or check transactions.
5. **PLANETARIUM PROGRAMS** - To schedule a presentation, you must have a minimum group size of 25 with a minimum fee of $100 in order for a group to schedule a program where the group leader selects the presentation.

   Below is a list of our group rates:

Group Reservation	Group Rate Price
Up to 40 people (adults and students)	$100
Up to 70 people (adults and students)	$200
Up to 100 people (adults and students)	$300

Additional adults/students can be added for $5 per extra person up to 10 people. Beyond that, the cost jumps up to the next tier. The planetarium presentations are grade level specific and do not require a training session prior to attendance. Planetarium programs are 30-45 minutes in length. Smaller groups may be added to an existing presentation that is grade level appropriate and has available seating. For this reason, it is essential for groups to arrive no less than 15 minutes prior to their program start time.

Schools may conduct their own walking tour of the campus, but may not enter the buildings. Age restrictions apply to a variety of programs; should parents bring infant siblings, see program descriptions. Programs range from 25 to 50 minutes in length with varying movie lengths.

Refunds of any part of payments made through the Alamo Colleges District must be processed through the ACD. This requires that the organization or ISD have their tax information on file with the ACD as determined through a tax exempt or W-9 form. The Scobee Education Center staff will not make refunds on the day of the event, if payments have been made through check or ACD payments.

Planetarium show times are at 9:00am, 10:00am, 11:00pm or 12:15pm -groups are expected to arrive 15-20 minutes before the scheduled time as there may be more than a single group sharing the theater. Delays impact programming in many ways. Be considerate of other groups' schedules when making your travel plans, many presentations cannot be held as a result of traffic delays or late arriving students or chaperones.

Cancellation/No Show: Cancellations must be received in writing through email or USPS mailing no less than two weeks prior to the scheduled visit. ***Cancellations within this two-week period will forfeit 20% of the collected costs. Once ACCD invoice is generated for a program, there is no refund for participants absent on the day of the event.***

6. **CHALLENGER MISSIONS** are flat fee of $500 per mission. Duration is approximately 90 minutes and students work at their own pace. If a group requires a planetarium show in addition to their mission, there is an additional cost of $100 per 32 students and includes 3 teachers. No taxes are applied. A sample schedule of Challenger missions, planetarium shows, plus lunch and teacher directed activities or teacher lead campus visits would be found on the Registration Form. Challenger missions are available for the following grade levels:

   -**Expedition Mars:** **4th (GT), 5th through 8th grades (Most Popular)**
   -Earth Odyssey: 5th (GT) 6th through adult (In revision)
   -Lunar Quest: 8th grade through adult (In revision)

   To create the full immersion experience, there are required "pre-mission" training sessions for teachers on designated Saturdays from 8am-4pm during the year (see Registration Form for dates). Any teacher who is bringing a class to a mission must sign-up for these training sessions. The training sessions are held in our center and the cost is included in the mission fee. We are currently pursuing an online training model and hope to have this option in place within the next year. The maximum number of students is 32 per mission; the minimum number of students is 20.

   If you are interested in a Challenger Mission, reservations are given priority to the following partnering school districts through September 30th of each year: Alamo Heights ISD, Archdiocese, Boerne, Comal ISD, East Central ISD, Edgewood ISD, Ft. Sam Houston ISD, Judson ISD, Lackland ISD, Medina Valley ISD, NEISD, NISD, Randolph Field ISD, SAISD, Schertz-Cibolo/Universal City, Somerset ISD, South San ISD, SWISD, and Southside ISD. If you are interested in a Challenger Mission and your district is not included in this group, open reservations begin October 1st each year. If you are only reserving a date/time for planetarium show, please submit your Registration Form as soon as you possible.

7. **Micronaut™ Missions** are $350 for a 90-minute program with 10-20 students, teachers and up to 10 parent/guardian chaperone participants. Unlike the Challenger Center mission, Micronaut™ missions are designed to have parents as partners in the STEAM learning experience. For this reason, both teachers and parents have pre-mission training experiences that significantly enrich the child's learning.

   During the school year when the upper elementary and middle school classes are preparing for and taking the STAAR Tests the Challenger labs are converted to the Micronaut™ early learner labs. Typically, the first three weeks of May are considered for this immersive early childhood experience and are grouped by PreK-K and 1st -3rd grade classes. If you are interested in registering for a Micronaut™ mission, you may add a planetarium experience for the additional group rate that will be dependent upon the number of parents you include in your mission. Contact our center secretary, Monica Gutierrez, at 210-486-0100 or sac-ScobeeCtr@alamo.edu for more information about these specialized weeks and the training programs being provided.
   *The Santikos Micronaut Center is under construction and a grand opening is planned for late spring of 2022.

8. **Lunch** - School groups bringing lunch, please, remember the Scobee Education Center does not have a cafeteria and only limited indoor eating area. Picnic tables are set-up outside on our patio and students often sit at these tables and along the bench walls in our Holt Foundation Challenger Memorial Garden. Many groups decide to have picnic lunches in the San Pedro Springs Park located directly across the street. Since the park is for the general public, school groups do not need to make a reservation. However, please keep in mind the timeframe of your scheduled visit. Always be mindful of the weather and have a back-up plan for lunch. Classes are expected to clean-up after themselves and place trash in the appropriate receptacles.

9. **Other Activities** We are often asked if there are other activities to do in and around the center. Teachers are encouraged to employ activities introduced during the pre-mission workshops on the front terraces or in the main lobbies of the center for the additional time between lunch, planetarium and mission programs.

   While we are expanding our exhibits, the existing displays typically would not warrant 20-30 minutes to view. There are four SW Research Center exhibits in the main lobby, a CASIS interactive ISS tour, a scale solar system model on the red brick walkway in front of the center, a Mars Exploration Timeline along the planetarium dome, and a model of a future design of the Z2 Space Suit for photos. Staff have created a "Scavenger Hunt" activity that may be conducted in and outside of the center. We ask that adults manage student behaviors in these areas for their protection and to prolong the life of these exhibits.

In the Mays Family North Lobby there is an artistic rendering of the northern hemisphere constellations and historic exhibits within the glass cases related to President Kennedy's last visit to San Antonio, the medical studies of astronaut Deke Slayton, the Apollo astronauts and President L.B. Johnson by Dr. Lawrence Lamb and original signed documents by Lyndon B. Johnson and Robert McNamara.

Our office and the Discovery Lab on the second-floor and the rooftop Scanlan Observatory and Powell Star Deck are typically closed to visitors during the day. The Scanlan Observatory and Powell Star Deck only available on Friday evenings, weather permitting.

Gift Shop Items

As a result of the many requests, we have received from school and community groups, our planetarium staff have opened our Scobee Gift Shop in the Mays North Lobby.

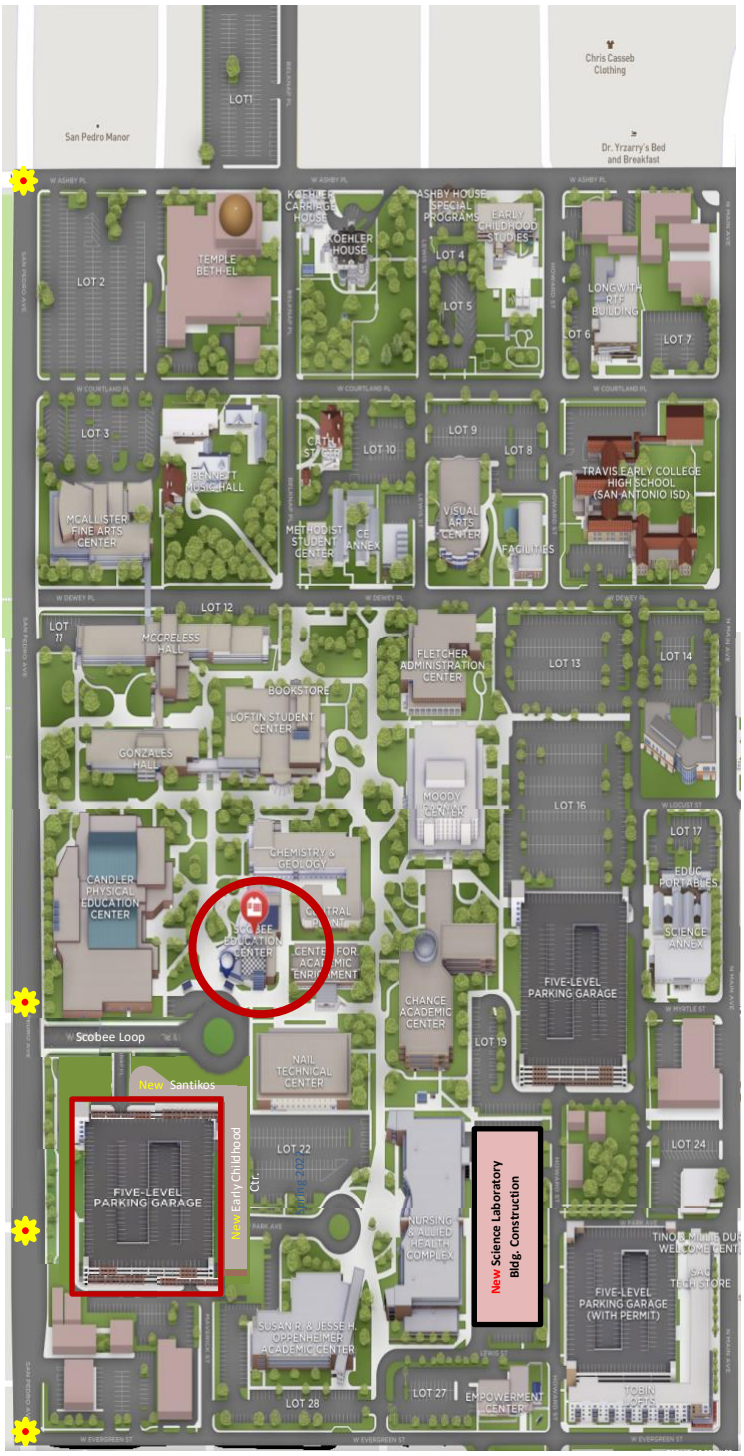
Items range from T-Shirts to pencils and prices are posted in this area as they may change based on availability.

Buses: **Buses** have limited, designated spaces along the Scobee loop roadway and may unload classes at the curbs here. It is preferred for bus drivers to unload and pick up their classes at these areas in front of the Santikos Micronaut Ctr. and Scobee Education Ctr.

Please, plan to arrive at the center no less than 15 minutes prior to the start of your program.

Parents or staff driving private vehicles

***Park in Garage #3** off of San Pedro Ave. in any available space that is *not posted as reserved*. Do not park in reserved faculty/staff spaces or lots. There is another entrance into Garage #3 from W. Evergreen St. by turning on Maverick St. into campus.



COVID-19 Protocols

COVID-19 has had a significant impact on the entire globe and the San Antonio Colleges are dedicated to keeping our guests, employees and students safe.

COVID-19 Screening

(current July 2021, this process may change in the spring of 2022)

Teachers will pre-screen students at school, while chaperones traveling separately will be screened at the center.

If you have experienced any of the following symptoms or situations, please, remain at home.

- A temperature of 100˚F or higher.
- New or worsening cough
- New or worsening shortness of breath
- Chills
- Repeated shaking with chills
- Muscle pain
- Headache
- Sore throat
- Loss of taste or smell

For this reason, we require a screening process in order to attend programs in the center. This is the same process employed by San Antonio college for everyone who comes to campus for classes, meetings or their day-to-day duties.

Schools and other organizations are expected to screen their students and staff prior to coming to campus. Chaperones who meet groups at Scobee will be required to pass the temperature screening before entering the center and attending programs with groups.

This process will be fluid with San Antonio College's protocols and may be lifted in accordance with their direction to the entire campus to do so.

Thank you for your cooperation in helping us to protect all who wish to take part in our programs, and to remain open and available to our community.

Planetarium Presentations: TEACHER SCIENCE TEKS

Science TEKS	Accidental Astronauts	Attack of the Space Pirates	Black Holes	Dark Matter Mysteries	Dynamic Earth	Experience the Aurora	Extreme Planets	Ice Worlds	Losing the Dark
K.8	√								
1.8	√								
2.8	√								
3.7					√				
3.8	√	√			√				
3.9					√				√
4.6	√								
4.7					√			√	
4.8		√			√		√	√	√
4.9					√			√	√
4.10					√			√	√
5.7					√		√	√	
5.8	√	√			√	√		√	
5.9								√	√
6.11		√				√	√		
6.12					√				√
7.8					√			√	√
7.9		√			√	√	√	√	
7.10					√			√	√
8.7		√			√				
8.8		√	√	√	√	√	√		
8.10					√			√	
8.11					√				√
HS AQUA					√			√	
HS AST			√	√	√	√	√	√	√
HS BIO					√		√	√	√
HS E&S Science			√	√	√	√	√	√	√
HS ENVI					√			√	√

Science TEKS	Journey to Mars	Mars 1001	Perfect Little Planet	Saturn, Jewel of the Heavens	Secret Lives of Stars	Secret of the Cardboard Rocket	Secrets of the Sun	Seven Wonders
K.8			√			√		
1.8			√			√		
2.8			√			√		
3.7								
3.8	√	√	√			√	√	
3.9								
4.7	√	√						
4.8	√	√		√			√	√
4.9								
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5.8	√	√		√	√		√	√
5.9								
6.11	√	√		√	√		√	√
6.12								
7.8								
7.9	√	√		√	√		√	√
7.10	√	√						
8.7	√	√		√	√		√	√
8.8	√	√		√	√		√	√
8.10								
8.11								
HS AQUA								
HS AST	√	√		√	√		√	√
HS BIO								
HS E&S Science	√	√		√	√		√	√
HS ENVI								

Science TEKS	Tales of the Maya Skies	The Future of Human Exploration	The Little Star that Could	The Sky Tonight	Two Pieces of Glass	Violent Universe	Wonders of the Universe
K.8			√				
1.8			√				
2.8			√				
3.7							
3.8		√	√	√	√	√	√
3.9							
4.7		√					
4.8	√	√		√	√	√	√
4.9							
4.10							
5.7							
5.8	√	√		v	√	√	√
5.9							
6.11	√	√		√	√	√	√
6.12							
7.8							
7.9	√	√		√	√	√	v
7.10		√					
8.7	√	√		√	√	√	√
8.8	√	√		√	√	√	√
8.10							
8.11							
HS AQUA							
HS AST	√	√		√	√	√	√
HS BIO							
HS E&S Science	√	√		√	√	√	√
HS ENVI							