

# Scobee Education Center at San Antonio College

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

## Scobee Planetarium Program Guide 2023-2024 School Year



Dear Educator,

The crew of the Scobee Education Center would like to invite you to join us as we embark upon celestial adventures aboard our newly renovated Scobee planetarium and state-of-the-art Challenger Learning Center simulator. Aligned to the TEKS, Scobee experiences will reinforce your lessons and open doorways for new learning connections.

The Scobee Planetarium has been located at San Antonio College since 1961 and has undergone a series of renovations to install a new Digistar 7 projection system with higher resolution and dynamic, brighter colors. Never before have planetarium presentations come alive as 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 12<sup>th</sup>. Studying astronomy and space science in the planetarium dome takes learning into a new dimension. Up to 101 adventurers may rocket through the solar system with animated tour guides, sail through the constellations of the night sky or take a precarious journey into a black hole. There are 26 programs to choose from including new programs for both children and adults.

The Challenger Learning Center is a unique interactive simulator where 20-32 participants become immersed in the roles of astronauts, scientists, doctors, and engineers in mission control or aboard a spacecraft traveling to the International Space Station or Moon Base Alpha. Communication and interpersonal teamwork skills are reinforced through every aspect of the mission as the crew is immersed in hands-on role-playing in a one-of-a-kind, next generation simulator unlike any other across the global Challenger community.

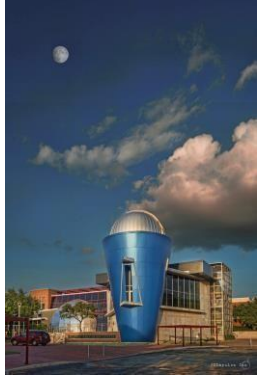
Our center reservation secretary, Monica Gutierrez, will help you select available dates, times, and grade appropriate programs. You may register for planetarium programs, Challenger Learning Center missions or combinations of both depending upon the size of your group and pricing. For reservations or questions, contact Monica Gutierrez at 210-486-0100 or e-mail her at [sac-ScobeeCtr@alamo.edu](mailto: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,

A handwritten signature in black ink that reads "Rick Varner". The signature is stylized with a large, flowing "R" and a cursive "Varner".

Rick Varner  
Center Director

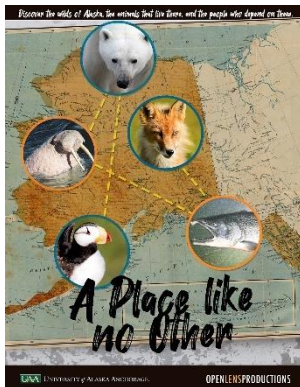


# Scobee Education Center Planetarium at San Antonio College

## What's New for 2023-2024!

### Planetarium Program Descriptions, TEKS, and Directions

Our planetarium programs are designed to be “grade-specific.” If you have questions about program content and which show to choose, ask our reservation secretary, Monica Gutierrez at 210-486-0100. Although each show listed has a different “run-time,” plan on about one hour in the planetarium per show. Currently available shows are listed in alphabetical order. Note: 2 shorter shows may be combined for a full hour performance.



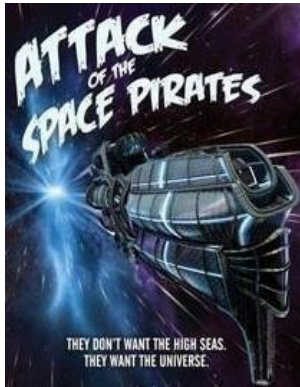
**“A PLACE LIKE NO OTHER”** – Grades 2nd and above. Alaska is a place like no other. For many people a trip to Alaska is a life-long dream. For the people who live here, they depend on and protect an enduring way of life. But there are places in Alaska so remote, so wild, that few people have ever gone. Here we’re going to take you to these places, to the remote wilderness to see iconic animals and landscapes that define the Last Frontier, places that make up Alaska. Duration: 29 minutes.

Trailer: <https://www.youtube.com/watch?v=jLY6vcZ51po>



**“ACCIDENTAL ASTRONAUTS” (ALSO AVAILABLE IN SPANISH)** – 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. Duration: 32 minutes.

Trailer: <https://www.youtube.com/watch?v=UdM8RvUbHPM>



**“ATTACK OF THE SPACE PIRATES”** – Grades 3rd – 8th. 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. Duration: 37 minutes.

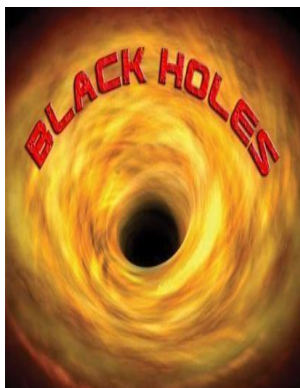
Trailer: <https://www.youtube.com/watch?v=1PRpjEvPzAc>

Trailer: <https://www.youtube.com/watch?v=eortR1AkEQM>

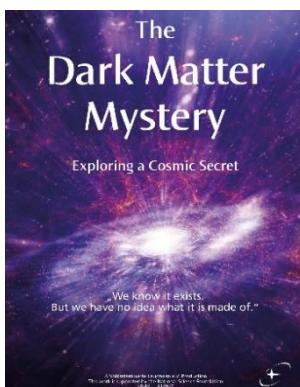


**“BEYOND THE SUN” (ALSO AVAILABLE IN SPANISH)** – Grades 1st – 5th. While Celeste is fighting off sleep in her room by reading a book on astronomy, she receives an unexpected visit from Moon. Together they will enjoy a journey through the Universe to discover what exoplanets are and how they can be detected. They observe rogue planets, oceanic worlds, and super-Earths. Moon tells her about exoplanets hunters, who observe the sky in search of planets like Earth. Duration: 26 minutes.

Trailer: [https://www.youtube.com/watch?v=8kADBen\\_AQY](https://www.youtube.com/watch?v=8kADBen_AQY)



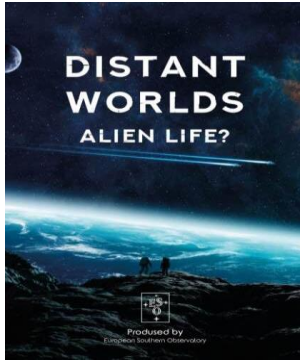
**“BLACK HOLES”** – Grades 6th and above. Our most complex show! Take a journey through one of the most mystifying, awe-inspiring phenomena in the universe: a black hole. Where do they come from? Where do they go? How do we find them? Is there a black hole in Earth's future? Using the latest in full-dome, 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. Duration: 35 minutes.



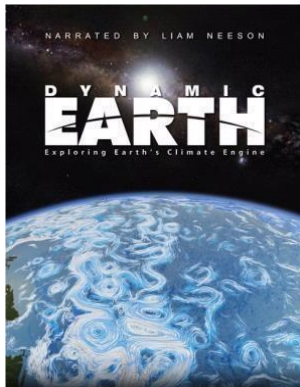
**“THE DARK MATTER MYSTERY”** – Grades 6th and above. What keeps galaxies together? What are the building blocks of the Universe? What makes the Universe look the way it looks today? Researchers all around the world try to answer these questions. We know today that approximately a quarter of the Universe is filled with a mysterious glue: Dark Matter. We know that it is out there. But we have no idea what it is made of. The show takes you on the biggest quest of contemporary astrophysics. You will see why we know that Dark Matter exists, and how this search is one of the most challenging and exciting searches science has to offer. Duration: 39 minutes.

Trailer: [https://www.youtube.com/watch?v=eE\\_hFvAAoBo](https://www.youtube.com/watch?v=eE_hFvAAoBo)





**“DISTANT WORLDS – ALIEN LIFE?” (ALSO AVAILABLE IN SPANISH)** – Grades 6th and above. The night sky is effectively a view of infinity; could alien life exist out there somewhere? This film investigates the conditions required for life, beginning with planets and moons in our Solar System and venturing out to some of the newly-discovered exoplanets orbiting other stars. Potentially habitable exoplanets are now being discovered regularly - worlds that are not only very far away, but also strange and unfamiliar. What could life on these worlds look like? What are the chances of encountering intelligent life in the future and how might we detect it? Duration: 52 minutes.  
Trailer: <https://www.youtube.com/watch?v=I2zN3W2QauY>



**“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. Duration: 24 minutes.  
Trailer: <https://www.youtube.com/watch?v=DnSmFC-JgvQ>



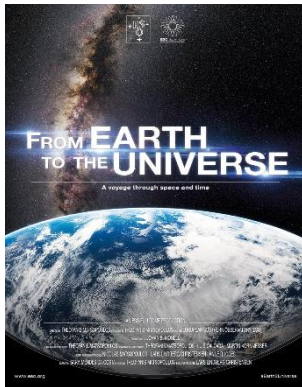
**“EXPERIENCE THE AUROA” (ALSO AVAILABLE IN SPANISH)** – Grades 5th and above. Over seven months in the Arctic Circle, photographers using special digital cameras and all-sky lenses imaged the breathtaking beauty of the Aurora Borealis or “Northern Lights.” For the first time the aurora has been captured 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. Duration: 27 minutes.  
Trailer: [https://www.youtube.com/watch?v=f\\_NAh9rAnWk](https://www.youtube.com/watch?v=f_NAh9rAnWk)



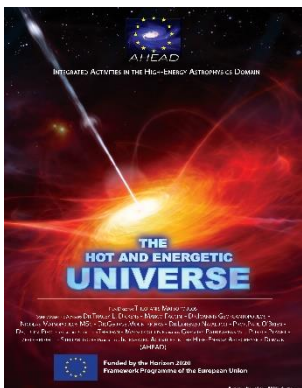
**“EXTREME PLANETS”** – Grades 4th and above. Ever since the first humans looked towards the stars, we have wondered whether we are alone in the Universe. Today, we are one step closer to knowing the answer. With the discovery of the first planet orbiting another star in 1995, we now know that planets 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. Duration: 33 minutes.  
Trailer: <https://www.youtube.com/watch?v=AqQJ6SeIE4U>



**“FORWARD TO THE MOON”** – Grades 2nd and above. Kari Byron from Crash Test World and MythBusters launches us on a journey beyond the Earth towards a sustainable future in space. NASA's 21st century Artemis program, named after the Greek moon Goddess and twin of Apollo, is the next step in our mission to explore the universe and land the first woman and person of color on the surface of the Moon. Produced by Fiske Planetarium in collaboration with TEND Studio. Duration: 26 minutes.  
Trailer: <https://www.youtube.com/watch?v=mvK2YLcK4jw>



**“FROM EARTH TO THE UNIVERSE” (ALSO AVAILABLE IN SPANISH)** – Grades 3rd and above. The night sky, both beautiful and mysterious, has inspired awe and been the subject of campfire stories, and ancient myths 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. To learn about this journey of celestial discovery, from the theories of the ancient Greek astronomers to today's grandest telescopes, we invite you to experience *From Earth to the Universe*. Duration: 32 minutes.  
Trailer: <https://www.youtube.com/watch?v=tXZhMLyP7RA>

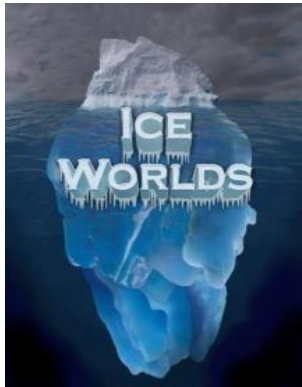


**“THE HOT AND ENERGETIC UNIVERSE” (ALSO AVAILABLE IN SPANISH)** – Grades 5th and above. The planetarium documentary "The Hot and Energetic Universe" presents with the use of Immersive Visualizations and real images the achievements of the modern astronomy, the most advanced terrestrial and orbital observatories, the basic principles electromagnetic radiation and the natural phenomena related to the High Energy Astrophysics. High Energy Astrophysics plays a key role in understanding the universe. These radiations reveal the processes in the hot and violent universe. High Energy Astrophysics probes hot gas in clusters of galaxies, which are the most massive objects in the universe. It also probes hot gas accreting around supermassive black holes in the centers of galaxies. Finally, high energy radiation provides important information about our own galaxy, neutron stars, supernova remnants and stars like our Sun which emit copious amounts of high energy radiation. Duration: 30 minutes.  
Trailer: <https://www.youtube.com/watch?v=oDtHvL70-mY>



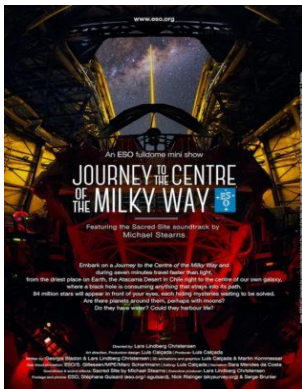
**“IBEX” – Grades 3rd and above.** Join scientists who are investigating the boundary between our Solar System and the rest of our galaxy in *IBEX: Search for the Edge of the Solar System*. Designed for visitors with an appreciation for the challenges of space science and a desire to learn more about science research, *IBEX: Search for the Edge of the Solar System* follows the creation of NASA's Interstellar Boundary Explorer (IBEX). Audiences will get an in-depth look at the mission and how IBEX is collecting high-speed atoms to create a map of our Solar System's boundary. Duration: 29 minutes.

Trailer: <https://www.youtube.com/watch?v=YPLkFUrkeEs>



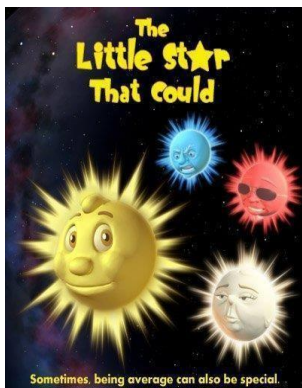
**“ICE WORLDS” (ALSO AVAILABLE IN SPANISH) – Grades 3rd and above.** This presentation allows audiences to appreciate the delicate balance between ice, water and the existence of life, which has been a topic of exploration and discovery in science for generations. In travels to the Arctic and Antarctic 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. Duration: 22 minutes.

Trailer: <https://www.youtube.com/watch?v=Xhd2PBaVpc>



**“JOURNEY TO THE CENTER OF THE MILKY WAY” – Grades 6th and above.** What lies at the heart of our galaxy? For twenty years, ESO's Very Large Telescope and the Keck telescopes have observed the center of the galaxy, looking at the motion of more than a hundred stars and identifying the position of an otherwise invisible object – the supermassive black hole at the center of our galaxy. Duration: 7 minutes.

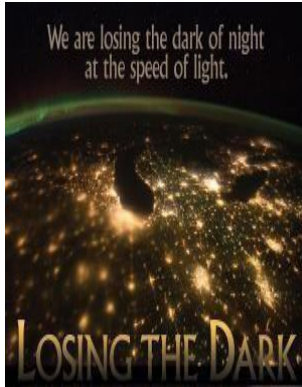
Trailer: <https://www.youtube.com/watch?v=dhE3GbbiGvY>



**“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 should prove a success with our youngest audiences. Duration: 36 minutes.

Trailer: [https://www.youtube.com/watch?v=ErTwG8U\\_It0](https://www.youtube.com/watch?v=ErTwG8U_It0)





**“LOSING THE DARK” (ALSO AVAILABLE IN SPANISH)** – 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. Duration: 7 minutes.

Trailer: <https://www.youtube.com/watch?v=blX9bTOTnHk&t=5s>



**“MARS: ONE THOUSAND AND ONE”** – Grades 3rd and above. 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. Witness firsthand their brave attempts to put human footprints on Mars and return safely to Earth. Duration: 53 minutes.

Trailer: <https://www.youtube.com/watch?v=H3M3Nqkien8>



**“MAX GOES TO THE MOON”** – Grades Pre-Kindergarten – 3rd. Max (the dog) and a young girl named Tori take the first trip to the Moon since the Apollo era. Along the way, the story sets the stage for the more sophisticated science of the “Big Kid Box” sidebars, which cover topics including “Phases of the Moon,” “Wings in Space,” and “Frisbees and Curve Balls on the Moon” — all thoughtfully explained so that grownups and children can learn together about science. Toward the end, Max and Tori’s trip proves so inspiring to people back on Earth that all the nations of the world come together to build a great Moon colony from which “the beautiful views of Earth from the Moon made everyone realize that we all share a small and precious planet.

Duration: 21 minutes.

Trailer: <https://www.youtube.com/watch?v=bQSTSHDhVE4>



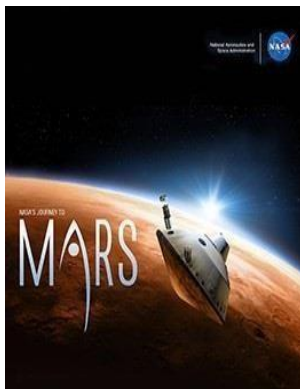
**“THE FUTURE OF HUMAN SPACE EXPLORATION” (ALSO AVAILABLE IN SPANISH)** – Grades 2nd and above. Now that the Space Shuttle era is over, NASA is writing the next chapters in human Spaceflight with its commercial and international partners. It is advancing research and technology on the International Space Station, opening low-Earth orbit to US industry, and pushing the frontiers of deep space even farther all the way to Mars! Duration: 12 minutes.

Trailer: <https://www.youtube.com/watch?v=Zsf4NXcE4Qg>



**“NASA’S, INTERNATIONAL SPACE STATION”** – Grades 2nd and above. In 1998, assembly began in space on a satellite that would be second in size and radiance only to the Moon...NASA’s International Space Station. Completed in the 21<sup>st</sup> Century, the International Space Station’s role in the development of your future as well as that of the United States space program is enormous. Many things learned in space are already benefiting life right here on Earth. Ultimately this satellite will be the springboard enabling nations around the world to prepare to take the next giant leap past our Moon and into the Solar System. Today NASA and the International Space Station invite you to join us for the first opportunity in history to participate in the academic challenges and commercial opportunities available as NASA travels beyond Earth to understand and explore the Solar System. Duration: 12 minutes.

Trailer: <https://www.youtube.com/watch?v=rfYJEl6KjFg>



**“NASA’S, JOURNEY TO MARS”** – Grades 2nd 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! Duration: 11 minutes.

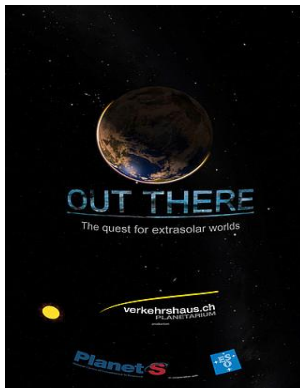
Trailer: <https://www.youtube.com/watch?v=caLyEU9Y50>



**“ONE WORLD, ONE SKY – BIG BIRD’S ADVENTURE” (ALSO AVAILABLE IN SPANISH)** – Grades Pre-Kindergarten – 3rd. The show follows Sesame Street’s Big Bird and Elmo as they explore the night sky with Hu Hu Zhu, a Muppet from Zhima Jie, the Chinese co-production of Sesame Street. Together, they take an imaginary trip from Sesame Street to the Moon, where they discover how different it is from Earth. On World, One Sky is a brilliant spectacle of light and color as the furry friends watch the stars twinkle over Sesame Street. Children attending the show can interact as they watch, drawing constellations, and counting the time it takes the Sun to set. Duration: 27minutes.

Trailer: <https://www.youtube.com/watch?v=dnrRfK91-LU>





**“OUT THERE”** – Grades 3rd and above. *Out There — The Quest for Extrasolar Worlds* will transport viewers from this world to entirely new and foreign ones. The show features the primitive science fiction of early civilizations, to the future space missions that will observe the Universe in greater-than-ever detail and travel to the surfaces and oceans of moons in our Solar System.

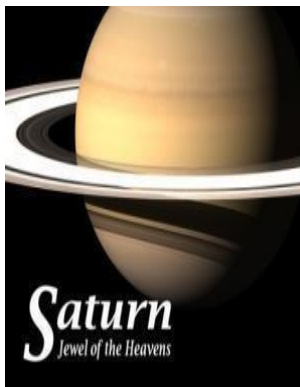
Duration: 31 minutes.

Trailer: <https://www.youtube.com/watch?v=lxhxcgBK5Ok>



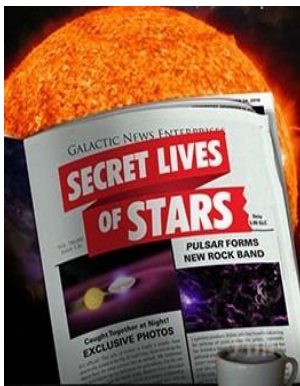
**“PERFECT LITTLE PLANET”** – Grades Pre-Kindergarten – 3rd. Imagine the ultimate space vacation! Discover our solar system through a new set of eyes – a family from another star system seeking the perfect vacation spot. Fly over the surface of Pluto, our best-known Dwarf Planet. Dive over the ice cliffs 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. Duration: 38 minutes.

Trailer: <https://www.youtube.com/watch?v=EL2t-tK8TeU>



**“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. Duration: 37 minutes.

Trailer: <https://www.youtube.com/watch?v=BY1phFzyhbc>

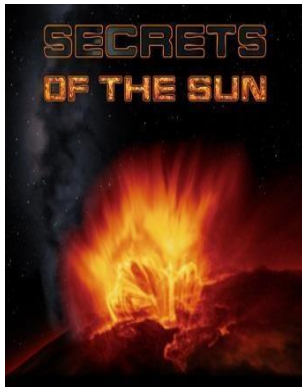


**“SECRET LIVES OF STARS” (ALSO AVAILABLE IN SPANISH)** – Grades 5th and above. Not all stars are created equal. Some are massive. Others are tiny; almost insignificant. The specific characteristics of a star will determine what type of life it will lead, how long it might live and even the type of death 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*. Duration: 27 minutes.

Trailer: <https://www.youtube.com/watch?v=aGdX49enPR4>



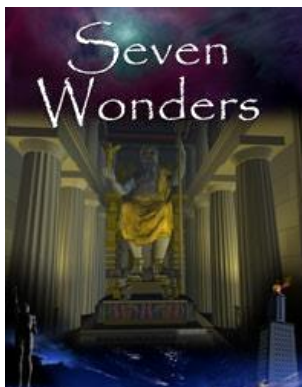
**“SECRET OF THE CARDBOARD ROCKET”** – Grades Pre-Kindergarten – 3rd. Prepare for blast-off! “Secret of the Cardboard Rocket” is a children's show. Embark on a celestial adventure as two children spend a night touring the solar system inside their “cardboard spaceship” guided by their navigator – a talking 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. Duration: 41 minutes.  
Trailer: <https://www.youtube.com/watch?v=kbYRmjYQgRw>



**“SECRETS OF THE SUN” (ALSO AVAILABLE IN SPANISH)** – 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 of 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. Duration: 21 minutes.  
Trailer: <https://www.youtube.com/watch?v=zgSLj72mFqw>



**“SEEING”**– Grades 6th and above. Follow the journey of a single photon as it is produced in a distant star, before traveling across the vast expanse of space to land on someone’s retina. This show explores some of the fascinating processes of the cosmos, from astrophysics to the biology of the eye and brain. Duration: 27 minutes.  
Trailer: <https://www.youtube.com/watch?v=ijGyynKnj6s>



**“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 nebulae. Duration: 30 minutes.  
Trailer: <https://www.youtube.com/watch?v=xZrqKpBACtY>

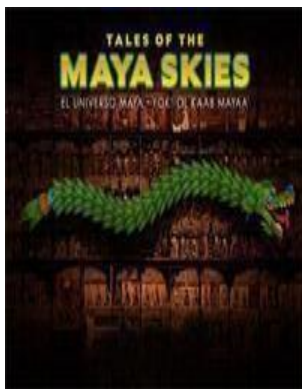


**“THE SKY TONIGHT”** – Grades 2nd and above. “THE SKY TONIGHT” takes the audience on a “live” tour of the wonders of the San Antonio night sky. This program highlights the Moon, the visible evening and morning planets, plus identifies several of the brightest stars and constellations in the current 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. Duration: 45 minutes.



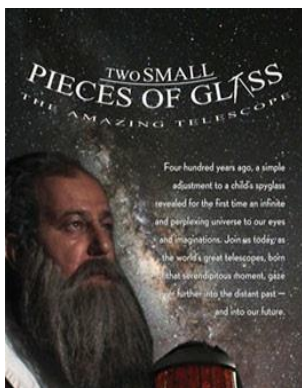
**“THE SUN – OUR LIVING STAR”** – Grades 6th and above. The Sun has shone on our world for four and a half billion years. The light that warms our skin today has been felt by every person who has ever lived. It is our nearest star and our planet’s powerhouse, the source of the energy that drives our winds, our weather, and all life. The passage of the Sun’s fiery disc across the sky was the only way to keep track of time for countless past civilizations. Discover the secrets of our star in this planetarium show! Duration: 25 minutes.

Trailer: <https://www.youtube.com/watch?v=e-BWL2NrN4>



**“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. Duration: 34 minutes.

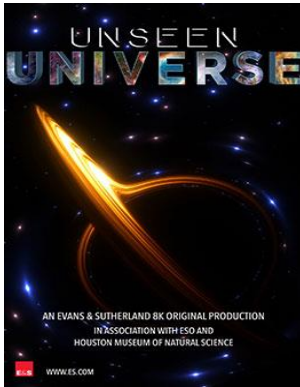
Trailer” <https://www.youtube.com/watch?v=43kbf30fFGU>



**“TWO SMALL PIECES OF GLASS” (ALSO AVAILABLE IN SPANISH)** – 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. Duration: 23 minutes.

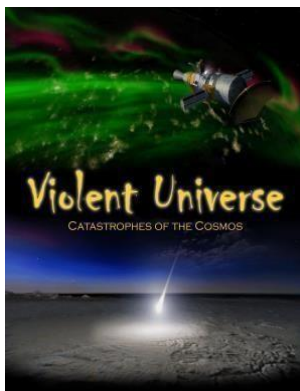
Trailer: <https://www.youtube.com/watch?v=HUe1nX3MDPM&t=9s>





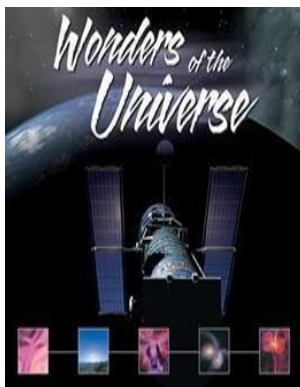
**“UNSEEN UNIVERSE”**— Grades 4th and above. For millions of years, our view of the heavens has been limited by our eyes, allowing us to only see a narrow band of electromagnetic radiation we call visible light. For the first time ever, in the greatest breakthrough since the invention of the telescope, we now have the technology to capture the Universe over an amazing width of the spectrum and beyond. Duration: 25 minutes.

Trailer: <https://www.youtube.com/watch?v=G7uAHTkqMfY>



**“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 brief “live” examination of the current night sky. Duration: 27 minutes.

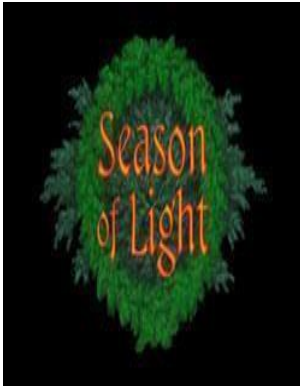
Trailer: <https://www.youtube.com/watch?v=QMZvalEUc4Q>



**“WONDERS OF THE UNIVERSE” (ALSO AVAILABLE IN SPANISH)** — Grades 3rd 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. Duration: 21 minutes.

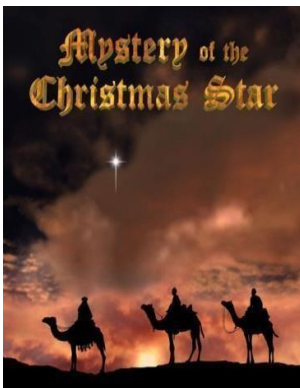
Trailer: <https://www.youtube.com/watch?v=MSopZAGavqc>

### **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." Duration: 35 minutes.

Trailer: <https://www.youtube.com/watch?v=uCQhNhYAx4E>



**"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. Duration: 30 minutes.

Trailer: <https://www.youtube.com/watch?v=tljCYN7WzAw>





Science TEKS	Forward to the Moon	From Earth to the Universe	The Hot and Energetic Universe	IBEX	Ice Worlds	Journey to the Center of the Milky Way	The Little Star that Could	Losing the Dark	Mars 1001
K.9							✓		
1.9							✓		
2.9	✓				✓		✓		
2.10					✓				
2.11					✓				
2.12					✓				
3.9	✓	✓		✓	✓		✓		✓
3.10					✓				
3.11					✓				✓
3.12					✓			✓	
3.13								✓	
4.9	✓	✓		✓	✓				✓
4.10					✓			✓	✓
4.11					✓				
4.12					✓				
4.13									
5.9	✓	✓	✓	✓	✓				✓
5.10					✓				✓
5.11					✓			✓	
5.12					✓			✓	
5.13									
6.9	✓	✓	✓	✓	✓	✓			✓
6.10					✓				
6.11					✓				✓
6.12					✓			✓	
7.9	✓	✓	✓	✓	✓	✓			✓
7.10					✓				
7.11					✓				✓
7.12					✓			✓	
8.8		✓	✓	✓	✓	✓			
8.9	✓	✓	✓	✓	✓	✓			✓
8.10					✓				✓
8.11					✓			✓	✓
8.12					✓			✓	
HS AQUA					✓				
HS AST	✓	✓	✓	✓	✓	✓		✓	✓
HS BIO					✓			✓	
HS E&S Science	✓	✓	✓	✓	✓	✓		✓	✓
HS ENVI					✓			✓	

[illegible]

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**Social Studies TEKS (Adopted 2021)**

Science TEKS	A Place Like No Other	From Earth to the Universe	Seven Wonders
5.21	√	√	√
5.22		√	√
6.17	√	√	√
6.18		√	√
7.19		√	
8.27		√	
HS History	√	√	√
HS Geog.	√	√	√