Buehler PLANETARIUM

BROWARD COLLEGE®

Since 1966, the Buehler Planetarium has been dedicated to enriching the learning experiences of public and private school students, community groups, and visitors throughout South Florida.

The facility has recently undergone significant technological enhancements made possible through generous grants from the Community Foundation of Broward and the Buehler Trust. Today, the planetarium features state-of-the-art 4K laser projection and Digital Sky Dark Matter software. This ensures visuals are powered by real-time internet data, projecting hundreds of thousands of stars and galaxies across the dome with breathtaking clarity.

Field Trip Information & Guidelines

Target Audience	Educational field trips cater to public, private, and homeschool groups ranging from pre-K through college/university level.
Reservations	Simply choose a show from our library below and complete our request form.
Chaperone Policy	One teacher per class plus one chaperone per ten students admitted free of charge.
Seating Capacity	The planetarium seats a maximum of 95 guests. For groups larger than 95, two separate shows can be scheduled.
Group Size	A minimum of 20 visitors (including students and chaperones) is required to schedule a show.
Admission Fees	School group admission is $7.00 per person
Payments	Organizations will be sent an invoice after the event. Checks and credit cards accepted.

Tips for a Successful Visit

The planetarium offers an immersive, uniquely engaging learning environment. To ensure you make the most of your visit, please note the following guidelines:

Arrive Early Please arrive at least 20 minutes prior to your showtime, use the restroom, and get your group seated.

No Food or Drink Food and beverages are strictly prohibited inside the dome.

Re-entry Policy For safety reasons, if you leave the planetarium during a presentation, you will not be permitted to re-enter.

Accommodation Please notify our staff in advance if any members of your party require special accommodations.

Curricular Offerings

“Night Skies over South Florida Live"
All planetarium shows begin with a live, guided tour of the nighttime sky. Students learn how to identify stars, planets, and constellations visible that evening, followed by the feature movie selected by your class.

Movie Selections & Grade Levels

Earth, Moon & Sun *(Grades 2–5)*

Explore the relationship between our home planet and its closest neighbors, guided by Coyote—a character adapted from Native American oral traditions. Interwoven Native American stories illustrate how humanity has long sought to understand the Earth and the skies above.

Forward to the Moon *(Grades 4–12)*

Kari Byron (*Crash Test World*, *MythBusters*) launches viewers on a journey beyond Earth toward a sustainable future in space. Discover NASA’s 21st-century Artemis program, which aims to return humanity to the Moon and land the first woman and person of color on its surface. *(Produced by Fiske Planetarium in collaboration with TEND Studio; funded by NASA SSERVI and Lockheed Martin.)*

Mysteries of Your Brain *(Grades 3–7)*

Embark on an animated adventure with a young girl and her crow companion to discover what makes the human brain so special. Zoom along neuron pathways, compare human and animal brains, experience grand-scale illusions, and learn how your brain shapes who you are. *(An original Bell Museum production in collaboration with the University of North Carolina Morehead Planetarium and Science Center; supported by the Richard M. Schulze Family Foundation and Boston Scientific.)*

One Sky (All Ages)

The sky connects us all. Experience *One Sky*, a series of captivating short films highlighting cultural and Indigenous perspectives of the night sky. Produced as an international collaboration featuring

culturally authentic storytellers, music, and stunning dome visuals, this show explores global traditions and our shared human connection to the cosmos.

Rusty Rocket (Grades K–5)

After decades of teaching the basics of rocket physics, Rusty Rocket has decided this will be his final mission before retirement. Join him for an introductory tour of the solar system tailored for rookie astronauts, highlighting planetary environments, the history of famous spacecraft, and the immense distances between planets.

Two Small Pieces of Glass *(Grades 5–12)*

Two Small Pieces of Glass: The Amazing Telescope follows two students interacting with a female astronomer at a local star party. Audiences learn the history of the telescope—from Galileo's modifications to a child's spyglass to the launch of the Hubble Space Telescope—while celebrating 400 years of astronomical discovery.

Natural Selection *(Grades 8–12)*

Celebrate the publication of Charles Darwin's *On the Origin of Species*. Join Darwin on his voyage aboard the HMS Beagle to the Galapagos Islands, where he was inspired to develop his theory of evolution. Darwin himself explains natural selection from Down House in Kent, showcasing stunning examples of nature and the thrill of scientific discovery.

Seeing! A Photon's Journey Across Space, Time, and Mind *(Grades 8–12)*

Follow the journey of a single photon generated in a distant star as it travels across space to land on a human retina. Narrated by astronomer and science communicator Neil deGrasse Tyson, this full dome show bridges astrophysics with the biology of the eye and brain. *(Funded through a generous grant from ZEISS.)*

Big Astronomy *(Grades 9–12)*

Journey to three world-class observatories in Chile's rugged Andes Mountains and arid Atacama Desert—remote, extreme locations that offer perfect conditions for astronomical research. Along the way, meet the inspiring astronomers, engineers, and technicians who keep these mega-machines running.

Infinity Express *(Grades 9–12)*

Take an exciting journey of discovery, from exploring our solar system to mapping the entire universe. Produced in collaboration with premier visualization agencies like the Space Telescope Science Institute and Swinburne University of Technology, the script was developed alongside experts from the Smithsonian's National Air and Space Museum.

Phantom of the Universe: The Hunt for Dark Matter *(Grades 9–12)*

Follow scientists around the world as they unlock the mysteries of dark matter. From its creation during the Big Bang and its role in galaxy formation, the journey takes visitors thousands of feet underground to ultra-sensitive detectors, and finally to CERN's Large Hadron Collider to observe head-on particle collisions.

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REQUEST FORM

Organization Name: _____

Requesting Representative: _____

Phone: _____ Email: _____

Mailing address: _____
Street City State Zip

The Buehler Planetarium offers field trip presentations at 10am and 11am on weekdays. Please specify three dates/times requests for your field trip:

Date: _____ / _____ / _____ Time: ☐ 10am ☐ 11am

Date: _____ / _____ / _____ Time: ☐ 10am ☐ 11am

Date: _____ / _____ / _____ Time: ☐ 10am ☐ 11am

Size of group: _____ (95 seats in dome)

Note: 1 chaperone required for every 10 students

Head chaperone mobile phone number: _____

Type of school:

☐ Public Private ☐ Charter ☐ Magnet ☐ Homeschool

Other (describe): _____

Grade level(s) of participants: _____

Does your group have any accessibility needs? ☐ YES ☐ NO

If yes, please describe: _____

Signature of authorized representative: _____

PLEASE EMAIL THE COMPLETED FORM TO: planetarium@broward.edu

FOR OFFICE USE ONLY:

Event Approved: ☐ YES ☐ NO Comment: _____