

Maynard F. Jordan Planetarium

PROGRAM GUIDE

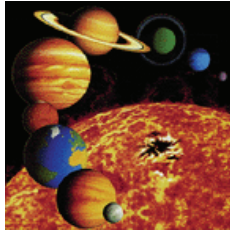
CLASSIC STAR SHOWS

.. feature stars, colorful still imagery, video and special effects to bring the universe to life in the domed theater.

OUR SKY FAMILY

Ages 4 – 8 (*pre-k - 2nd grade*)

In this delightful first visit to the planetarium, we chat with Father Sun and each of the planets, who tell us about their best features and their place in Our Sky Family. The planetarium star projector, Franklin, is our guide, and the planetarium host helps everyone to see this season's constellations.



WORLDS OF WONDER

Ages 9 – 13 (*grades 3 - 6*)

Our planetarium spaceship blasts off on a tour that takes us to each member of the solar system. On this adventurous journey, the often hostile environments and similarities of the planets are explained by mission specialists on our ship The Draco. The return trip features a look at the constellations.

DESTINATION PLUTO

Ages 9 – adult (*grade 4 & up*)

From the sun to the farthest planet, *Destination Pluto* is a journey of discovery for space travelers of all ages. Recently discovered moons and far flung mysterious ice worlds, rings around the largest planets, close-up views of alien landscapes, newly classified dwarf planets, and hazardous asteroids are all part of the adventure in *Destination Pluto* at the Jordan Planetarium.

FOLLOW THE DRINKING GOURD

Ages 5-10 (*grades 1 - 5*)

Based on the book by Maine author, Jeannette Winter, this children's program explains the movements of the sky and the way slaves used the sky to escape to the North in the 1800's. Visitors will learn one of the songs the slaves used to remember a safe route to freedom.

IN THE MAINE SKY

Ages 8 – 13 (*grades 3 - 7*)

This completely 'live' presentation steps outward from the closest celestial objects like the Moon, to galaxies so distant only a large telescope can bring them into focus. Moon phases, star formation, and constellations are just a few of the heavenly processes explained "In The Maine Sky". See what is right there overhead in Maine's night sky in this one-hour guided tour.



MOON SHADOWS

Ages 8 – adult (*grade 3 & up*)

For many centuries the moon has inspired a sense of awe and mystery. This exciting show explores some of its mysteries and recaptures the thrill of the NASA Apollo moon landing, while its phases, eclipses and legends are portrayed on the planetarium dome.

STRANGE PLANETS

Ages 9-adult (*grade 4 & up*)

Astronomers have found a galaxy of planets lurking light-years from our Solar System! *Strange Planets* explores these extra-solar planets, but how do you find a planet orbiting another star? Is it even possible? Learn the latest astronomical techniques for identifying extra-solar planets and measuring their size, mass, and temperature. Then find an easy-to-spot star in the night sky that has an extra-solar planet orbiting it!



WORLDS IN MOTION

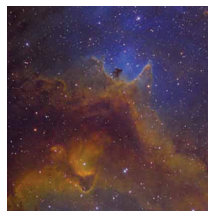
Ages 9 – adult (*grade 4 & up*)

From the atoms in our bodies to the most distant galaxy everything is moving. How the planets have organized themselves and how the stars form imaginary characters are both parts of our universe explained in Worlds in Motion. A tour of the winter-spring constellations is just one of many space scenes enjoyed from our world in motion.

THE X-TRA TERRESTRIAL FILES

Ages 10-adult (*grade 5 & up*)

Have you ever wondered if there could be intelligent life on other planets? The X-Tra Terrestrial Files explores these questions. How many of those planets might be like ours? Our investigators, Gully and Boulder, uncover a variety of mysteries in the X-Tra Terrestrial Files.



OUR PLACE IN SPACE

Ages 12 – adult (*grade 7 & up*)

From the center of the Earth to the edge of the universe, this planetarium perspective demonstrates where we are. The planetarium host also conducts a tour of the constellations in the sky this season. A short laser light show concludes this program. (This program can include an optional hands-on activity for middle school to adult audiences.)

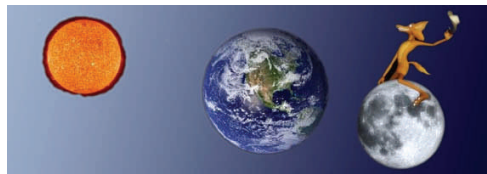
OMNI-DOME PROGRAMS

... dramatize nature through full dome video, and computer animation that sweeps viewers through space and time. A live constellation tour and demonstrations are usually included.

EARTH, MOON & SUN OD

Ages 8-11 (grade 2 - 5)

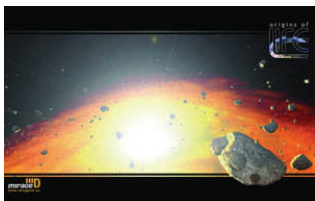
This first standards-based elementary show for Omnidome beautifully illustrates basic concepts like moon phases and seasons with the dubious help of Coyote. Based on the trickster of Native American lore, Coyote is constantly corrected in his misunderstandings of how things work. A live tour of the Maine sky and its beautiful constellations completes this micro-unit of astronomy.



EARTH'S WILD RIDE OD

Ages 9-adult (grade 4 & up)

Humans have colonized the moon. Looking down on Earth during a solar eclipse, a grandfather tells his two grandchildren, born on the Moon, about Earth. Stories about water, clouds, and ice—things they have never experienced on the Moon—with a historical perspective involving dinosaurs, mammoths, volcanoes, and the forming of great canyons.



ORIGINS OF LIFE OD

Ages 9-Adult (grade 4 & up)

Tour the far reaches of the universe and our Earth as the evolution of life is examined in this fully immersive space experience. From the Big Bang to new life on Earth, from great extinctions to the search for life beyond planet Earth, Origins of Life is an inspirational journey through time and a celebration of life on Earth.

BLACK HOLES OD

Ages 9-adult (grade 4 & up)

The attraction of Black Holes is more than just gravitational. These mysterious graveyards of dead stars have fascinated generations. "Black Holes" explores the history, physics, and mystery of black holes. Witness the bending of light, the skewing of perception, and the dizzying descent into a black hole. This show incorporates some of the most visually stunning three-dimensional effects ever created for the OmniDome planetarium system.

WILBEAR'S ADVENTURE OD

Ages 4-7 (grade pre-k - 2nd grade)

A young teddy bear wishes he could fly. Grandpa teddy bear explains how flying works and the story of the people who were responsible for early flight, especially the Wright Brothers. Wilbear's dream comes true when he gets to fly in a real airplane. The program includes live demonstrations, Maine's starry night sky, and the animated Omnidome story of flight.



THE LITTLE STAR THAT COULD OD

Ages 6-8 (grade 1 - 2)

During this show, the audience is introduced to Little Star, a small yellow star searching for planets of his own to protect and warm. Along the way, he will learn what makes each star special and make discoveries about star clusters and galaxies. Students will also be introduced to each of the planets and learn some basic information about our Solar System.



IT'S ABOUT TIME OD

Ages 9-adult (grade 4 & up)

Some day our children may travel to orbit in a Space Elevator. Some day we may use a Time Telescope to watch the Big Bang, the birth and death of a star, or an explosion on the Sun. Explore these wonderful inventions from the "science future" and discover the many clocks that keep time in the Universe. This show talks about the cycles that rule our planet and our lives, and ends with the entire time since the Big Bang compressed into a single day.

TWO SMALL PIECES OF GLASS: THE AMAZING TELESCOPE OD

Ages 9-adult (grade 4 & up)

From a starlit backyard to Italy and the invention of the telescope 400 years ago, follow the story of two students who join a local star party and discover how telescopes work, and what wonders they reveal. Learn about discoveries by such greats as Galileo, Huygens, Newton, and Hubble, and virtually enter the largest observatories in the world to see how modern astronomers use these instruments in exploring the mysteries of the universe.

RING WORLD OD

Ages 9 - adult (grade 4 & up)

It is the journey that features close-up views of the most elegant of the sun's planets, Saturn. Under the dome, visitors travel with the NASA Cassini-Huygens probe on its study the Saturnian system of graceful rings, bright storms, and exotic moons. A tour of the current night sky, a recreation of Cassini's journey, and returns make Ring World an inspiring space science exploration.

TOUCHING THE EDGE OF THE UNIVERSE OD

Ages 9-adult (grade 4 & up)

This show takes the audience on a breathtaking voyage of discovery, from Galileo's 16th Century Tuscan villa to the tense countdown, launch and orbiting of the next generation of space telescopes and out into the universe. Learn how satellites will see the births of other solar systems and look back to the beginning of time!



HUBBLE VISION OD

Ages 10 - adult (grade 5 & up)

Hubble Vision combines the splendor of the cosmos brought into focus by the Hubble Space Telescope, on a journey through the universe. Using images from the orbiting observatory, Hubble Vision uncovers the planets; peeks into star birth nurseries; catches visions of star death in its many forms; and explores distant star clusters and galaxies.



ICE WORLDS OD

Ages 9-adult (grade 4 & up)

In celebration of the International Polar Year, the digital Omnidome show *Ice Worlds* is a spectacular exploration of icebergs in the Arctic, massive glaciers, and the Antarctic wilderness that draws parallels with icy planets and moons elsewhere in the solar system. Using an innovative mix of data, satellite imagery, actual footage in the field and animated scenes *Ice World* tells the story of ice on Earth, and the changing climate.

SEARCH FOR THE EDGE OF THE SOLAR SYSTEM OD

Ages 9-adult (grade 4 & up)

In 2009 a new NASA probe called IBEX started collecting charged particles from distant space to map the extent of Sol's atmosphere beyond the planets. Join two tech-savvy students as they discover the many ways the sun protects and nurtures Earth's inhabitants. Its past and future are examined in dramatic Omnidome video.

SEASON OF LIGHT

Ages 9 – adult (grade 4 & up)

This winter solstice show traces the development of many of the world's most endearing holiday customs, and how they involve lighting up the winter season -- from the burning Yule log and sparkling Christmas tree lights to the lighting of luminarias and the Hanukkah Menorah.

Also available as a Classic Star show.



COMING SOON!

ENDS OF TIME

Ages 9 – adult (grade 4 & up)

End of time. End of the world. The Great Solstice. Come and learn about 21.12.2012: the “End of Time” according to the Mayan “counted calendar”. What will happen? What do YOU think will happen? Will the world actually end on this day, or just “the world as we know it”?

Private and Group Shows

Groups and school classes can schedule private presentations of these programs. To arrange for a group showing, call the planetarium, or email anytime. Group Show Admission: the greater of \$3.00 per person or a \$75 flat fee.

Public Shows

Public Show Admission: \$3.00/person; UMaine students FREE with MaineCard. Public show tickets can be reserved by phone up to the day before the showing. Stop by the Planetarium at Wingate Hall for a copy of the schedule or check the Planetarium website for programs being offered for family general admission showings this season.

The planetarium can seat a maximum of 45 people, with space for up to 3 wheelchairs, OR 30 in Omni-Dome shows. We are climate-controlled and handicapped accessible.

info@galaxymaine.com

GalaxyMaine.com

Office Hours: 9-4:30 M-F

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A member of the University of Maine system

Updated 10/5/2010