

MID-AMERICA SCIENCE MUSEUM

TEACHER'S GUIDE

EXPLORE PROGRAMS. PLAN EXPERIENCES. INSPIRE DISCOVERY.



2026-2027

mid
america
science museum
Donald W. Reynolds Center

WELCOME!

This is a comprehensive guide of everything Mid-America Science Museum has to offer educators and students. Whether at the museum, at your next event, or even in your classroom, we want to be a resource for teachers and the spark that ignites your students' curiosity and love for science.

A group of children sitting on the ground outdoors, surrounded by trees.

**FIELD TRIP
EXPERIENCES**

Children interacting with a large, circular, interactive exhibit.

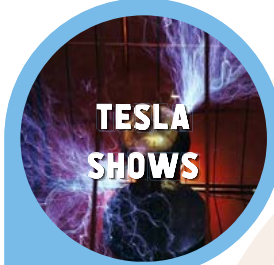
**INDOOR
EXHIBITS**

Two children sitting on a wooden bench outdoors.

**OUTDOOR
EXHIBITS**

A child working on a project at a table.

**WORKSHOPS
PRE K - 12TH**

A Tesla coil experiment with bright purple and blue sparks.

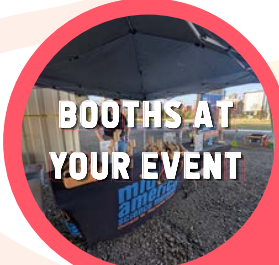
**TESLA
SHOWS**

A child looking at a small object in a clear container.

OUTREACH

A person standing in a dark, dome-shaped structure with a bright light source.

**DOMES
SHOWS**

A booth with a sign that says "Mid-America Science Museum" at an event.

**BOOTHS AT
YOUR EVENT**

EDUCATION PHILOSOPHY

We are a museum for all people who are driven by their own interest for investigation and exploration.



Find our teachers'
ratings throughout
the guide!



FIELD TRIP EXPERIENCES

Scientots Workshops Pre K - 1st grade

\$4 per student | 30 students per workshop | 30 minutes

Each Scientots workshop features a story and STEM activity combining science and literacy.



THREE LITTLE ENGINEERS

The Three Little Pigs, a classic fairytale

Through storytelling, creativity, and simple experimentation, students will make predictions, build and test different house designs, and learn about materials, structure, and cause and effect. It's the perfect blend of literacy and STEM, sparking curiosity and critical thinking in your youngest learners.

CREATURE FEATURES

Mary Had a Little Lab by Sue Fliess

With a fun take on "Mary Had a Little Lamb," we explore animal adaptation. If you could build your perfect pet, what could it do? Could it help you carry groceries from the car? Is it soft and perfect for snuggling? Could it fly?

A+ 4.9
out of 5
Interactions with
staff members



A RAINBOW OF MY OWN

A Rainbow Of My Own by Don Freeman

In this vibrant workshop, students will explore how rainbows form through simple, age-appropriate science activities, create their own rainbow using light, color, and art, and experiment with prisms, flashlights, and translucent materials to see how light transforms. This playful, literacy-linked experience blends imagination and science, making it perfect for curious young minds.

FIELD TRIP EXPERIENCES

Workshops
K - 12th grade

\$4 per student | 30 students per workshop | 45 minutes

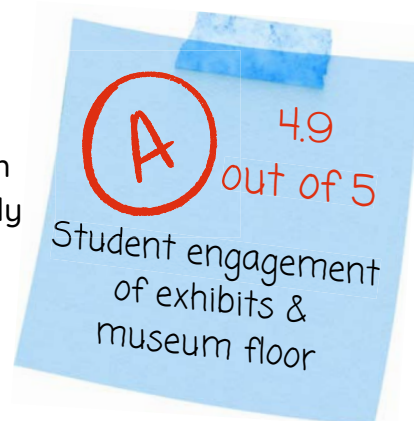
Each of our K-12th grade workshops are NGSS aligned – follow the QR code to learn more!



BUILD IT. LAUNCH IT. LEARN IT.



Fuel curiosity with a hands-on STEM workshop that brings rocketry, physics, and engineering to life. Students explore problem-solving as they design, build, and launch their own rockets. Let your students launch into learning with excitement that truly takes off! **(K-12th)**



READY, SET, CODE!

Introduce your K-12 students to coding with this engaging robotics workshop! Using Ozobot's color-coding programs, students build problem-solving collaboration and computational thinking skills - no experience needed! **(K-12th)**



TRUSS ME, I'M AN ENGINEER

This activity is where creativity meets critical thinking. Students will build and compare two bridge styles, perform strength tests, record data, and redesign based on real-world testing. Perfect for introducing engineering principles such as tension and compression. **(3rd - 5th)**



OUR MOST
POPULAR
WORKSHOP

FIELD TRIP EXPERIENCES

Workshops
K - 12th grade

\$4 per student | 30 students per workshop | 45 minutes
(except where noted)

BONES & BEAKS



Uncover the secrets of the food web - one pellet at a time! Students will dissect real owl pellets to investigate what owls eat and how energy flows through ecosystems. Students will explore trophic levels and the role of owls in maintaining ecological balance all while building skills in observation, inference, and scientific analysis.

\$6 per student (5th- 7th)

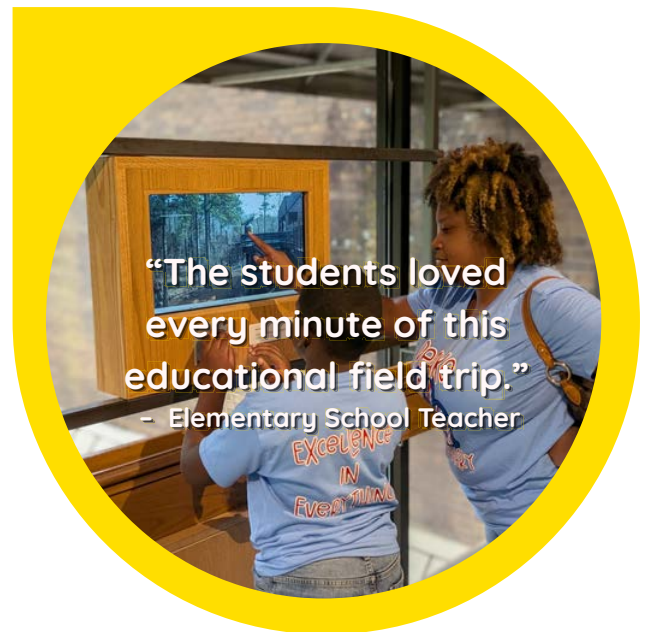
Made possible with support from Dr. Gene Shelby



WILD WEATHER LAB

Students will design and build simple structures - then put them to the test against high-force winds. This workshop is a powerful way to bring engineering concepts to life through critical thinking, collaboration, and the design process.

(5th-12th)



“The students loved every minute of this educational field trip.”

- Elementary School Teacher

FROM FOREST TO CLASSROOM



Bring science to life with an interactive environmental and wildlife biology workshop tailored to your students' grade level and the season! This session explores Arkansas's diverse ecosystems, native species, and conservation topics - connecting classroom standards with real-world science.

(2nd - 4th)

OAKLAWN FOUNDATION DIGITAL DOME PLANETARIUM

This 360 degree dome theater offers two different shows:

Space Labs which are live presentations and
Feature Films that are prerecorded shows.

SPACE LABS

\$4 per person | 50 seats per show

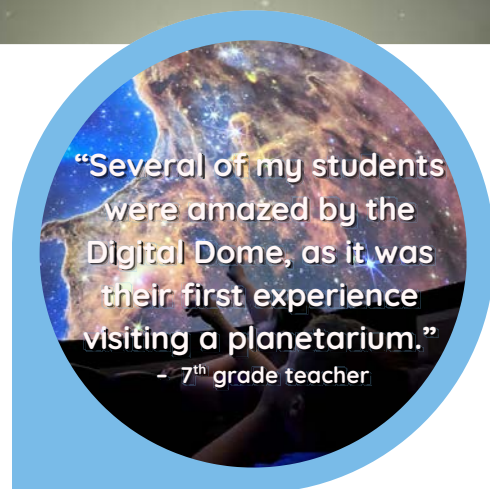
Live presentations of the following NGSS-aligned theater shows will be tailored to your class curriculum by our expert Digital Dome operator.



BACKYARD ADVENTURES

Pre K-3rd | 20 minutes

Students will explore the science available in their own backyard as they learn about the relationship between the Sun and the rotation of the Earth, the impact of the Earth's land and water bodies on weather, and seasonal time cycles.



SPACE EXPLORERS



4th-7th | 25 minutes

This class begins on Earth as the students examine the impact geological events such as continental drift and volcanic eruptions on the four "spheres:" atmosphere, hydrosphere, geosphere, and biosphere. Traveling away from Earth through the solar system, students will study how these events impact other planets, moons, and the Sun; and how gravity impacts the relationship between these bodies.

STARSHIPS AND STARS

8th-12th | 30 minutes

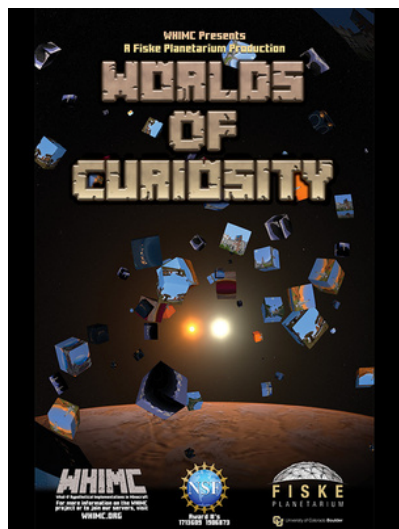
Students become futuristic astronauts and go on a tour of our solar system to learn about planets and the coming challenges of interplanetary travel.

OAKLAWN FOUNDATION DIGITAL DOME PLANETARIUM

FEATURE FILMS

\$3 per person | 50 seats per show | 30 minutes

Explore the night sky and discover the latest in astronomy during these immersive shows in the Oaklawn Foundation Digital Dome Planetarium.



WORLDS OF CURIOSITY

NEW!

2nd-5th | 15 minutes

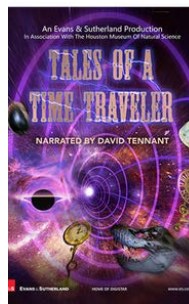
Funded by the “What If Hypotheticals In Minecraft” research grant, this show dives into the questions of what it would be like to live on an Earth with no Moon, or an Earth that was tilted on its side, like Uranus. Join Mateo and Dr. Alicia Woods as they explore how our lives would be different on these Earths, talk about other hypothetical planets that could exist, and marvel at the even stranger worlds that astronomers have discovered beyond our solar system.



MESSAGERS OF TIME AND SPACE

5th-12th | 30 minutes

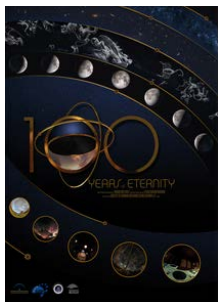
A stunning visual and educational experience that leads your students on a journey through the dynamic Universe during a night of observation at the International Gemini Observatory.



TALES OF A TIME TRAVELER

5th-12th | 30 minutes

The theater becomes a time machine as this professionally produced film explores different time cycles: Earth time, star time, and cosmic time.



100 YEARS TO ETERNITY

5th-12th | 30 minutes

An exploration that begins with the early cultures of mankind and culminates with accomplishments in modern technology and today's ever-changing view of the heavens.



DRAGONS IN SPACE

5th-12th | 30 minutes

An adventure from Earth to the edge of the Milky Way Galaxy and back, this film is a state-of-the-art visualization of the latest updates in NASA's space program.



TESLA THEATER SHOW

\$3 per person | 125 seats per show | 25 minutes



Experience an electrifying science show featuring the
WORLD'S MOST POWERFUL CONICAL TESLA COIL!

Explore Nikola Tesla's ground-breaking impact on modern science in this STEM-aligned interactive program that fuses history and physics into an electrifying live show featuring a Van de Graaff generator!



"My students enjoyed every bit of our field trip and loved getting to do both shows and a workshop!"
- Umpire School Teacher



*The present is theirs,
the future,
for which I really worked,
is mine.*
- Nikola Tesla



"Great Experience!
Our students loved
it!"
- Gurdon Primary School
Teacher



**VISIT IN
THE FALL!**

MEMBERSHIP OPTIONS

We now offer two different types of educational memberships.

SCHOOL MEMBERSHIPS

- Unlimited field trips for the school district
- Multiple grade levels and classes
- No collecting money from parents
- Easy booking for teachers
- Flexibility for teachers to add other experiences for their students

“Very educational and engaging for students. Love the hands on aspect.”

– Arkadelphia School Teacher

NEW!

CLUB MEMBERSHIPS

Club memberships allow students across age groups in the same educational club to visit the museum multiple times a year. Same benefits as school memberships but just for your club! Perfect for, but not limited to:

- Gifted and Talented
- Science Club
- Beta Club
- EAST

“I bring gifted 4th and 5th graders almost every year to Mid America. It is our favorite place and it never disappoints!”

– Dardanelle School Teacher

A 4.9
out of 5
Comfort & cleanliness
of museum facilities

For more information please contact
Kayla Ingle, Education Director,
kaylai@midamericamuseum.org

SCIENCE TO GO



Mid-America Science Museum Outreach Programs are a great way to bring the fun and learning of the museum into your classroom!

WE OFFER:

- Workshops brought to you
(see pg 4 and 5)
- Scientots, we bring Pre K science and literacy to your class
(see pg 3 for a sample of available programs)
- Afterschool science enrichment with visits available throughout the school year
- Activity booth at your next STEM night or event

For more information about the Outreach Programs we offer, visit our website at midamericamuseum.org/programs/outreach



PRICING GUIDE

First Workshop..... **\$250**
(one hour, up to 30 students)

Additional Workshops..... **\$175** each
(same day)

Half-Day Booth Activity..... **\$500**

Full-Day Booth Activity..... **\$950**

Mileage

Less than 50 miles **FREE**

50 miles or more **\$2** per mile



Introducing our exciting new

PLANETARIUM TO GO

An immersive universe, wherever you are!



SPECS

- Minimum indoor space required: 20 ft x 20 ft with a 10 ft ceiling
- HD Resolution: 1920 x 1080 pixels
- 360° immersive imaging
- Capacity per seating: 20-40
- Wheelchair accessible

SHOWS



SATURN THE RING WORLD

2nd-8th | 22 minutes

After nearly seven years in transit, Cassini-Huygens continues to explore Saturn and its moons. Narrated by Star Trek's John Billingsley.



SEEING!

All ages | 22 minutes

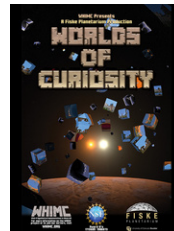
A photon's journey across space, time, and the mind. Narrated by Neil deGrasse Tyson.



JOURNEY TO THE CENTER OF THE MILKY WAY

All ages | 6 minutes

Embark on a Journey to the Center of the Milky Way from the driest place on Earth to the center of the galaxy, where a black hole is consuming anything that strays into its path.



WORLDS OF CURIOSITY

2nd-5th | 15 minutes

This Minecraft-inspired show asks "what if Earth was like other planets?" (Description on page 7)

PRICING GUIDE

Up to 4 Hours (can serve up to 250 people) ... **\$750**

4-8 Hours (can serve up to 500 people) ... **\$1,000**

Mileage

Less than 50 miles **FREE**

50 miles or more **\$2 per mile**





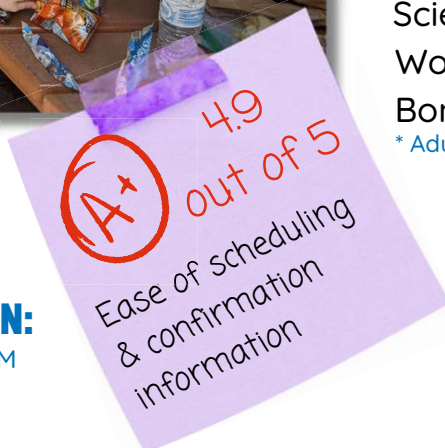
"We had SO MUCH fun!!! Thanks so much for having us. The team at Mid-America Science Museum is TOP NOTCH!!! We all had such a blast!!!! So thankful for this exceptional museum right here in the Natural State!"
 - Urban Promise Leader

HOW TO BOOK YOUR GROUP

- Group reservations must be made at least 2 weeks in advance.
- Please fill out the interest form on our website and a confirmation will be sent via email in 72 hours.
- You can pay upon arrival with cash, card, check, or we can send an invoice to the school.
- You can even request an estimate for your group on our website if you need more information before booking.



Inside tables & outside picnic tables are available on a first come basis.



PRICING GUIDE

Group admission\$9 per person

ADDITIONAL PROGRAMS *

Tesla Show\$3 per person
 Feature Film\$3 per person
 Space Lab\$4 per person
 Scientots Workshop\$4 per person
 Workshop\$4 per person
 Bones & Beaks\$6 per person

* Adults are not charged for workshops. (pg 3-5)

HOURS OF OPERATION:

Tuesday - Saturday: 9AM - 5PM
 Sunday: 1PM - 5PM

MIDAMERICAMUSEUM.ORG

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