

# BACK TO SCHOOL

## PROGRAM PLANNER

2024 - 2025



FORT WORTH MUSEUM  
SCIENCE AND HISTORY

## PERMANENT EXHIBIT INFORMATION

### INNOVATION STUDIOS

In Innovation Studios, you can invent, doodle, design, explore, and imagine! Whether you're young or just young-at-heart, there's no better way to discover the world than with your hands. In the Studios, you set your own agenda and chart your own path. The possibilities are endless—what will you chose?

### PLAINS GALLERY

Explore the rich, intertwined history of the American bison and the indigenous peoples of the Great Plains. Learn about the many conservation efforts currently underway to protect and grow the American bison population. Featured is the bison robe worn by Cynthia Ann Parker, mother of the last Comanche Chief, Quanah Parker.

### CHILDREN'S MUSEUM

Explore and play in the healthy kids' clinic and kid-sized grocery store. Engineer your own train system or structure in our construction zone. Investigate our natural science area. Meet "Summit" our larger-than-life therapy dog! Visit the out of this world Galaxy Park Playground. Sensory room and parents' room are available in this space. *\*Exhibit is exclusively for Pre-K through 2nd grade students*

### ENERGY HALL

The *Energy Blast* film tells the dynamic story of energy resources in North Texas through a unique combination of science and history. Physics, technology, and innovative thinking spring to life as you are asked to explore geophysical formations, calculate drilling depths and directions, and experiment with new resources.

### DINODIG® AND DINOLABS

Learn about dinosaurs that roamed in your own backyard millions of years ago and bring them to life using creativity and imagination! In DinoLabs you'll discover dinosaur skeletons native to North Texas and cutting-edge technology that brings the experience to life! Explore DinoDig® and see what you discover in a replica field site.

### CATTLE RAISERS MUSEUM

Learn the story of the cattle industry from its origins among the West's early Spanish settlers through the heyday of the legendary drovers, all the way to today's modern range technology. The exhibits show the important role Texas and Southwestern cattle raisers play in protecting natural resources as frontline stewards of land, livestock, and wildlife.

## SPECIAL EXHIBITS

### Wild Kratts®: Creature Power®!

September 21, 2024 - January 5, 2025

Based on the popular PBS Kids series, the interactive, adventurous exhibit explores four animal habitats and the creatures within them.

### Abuelita's Kitchen: Mexican Food Stories

February 9, 2025 - May 5, 2025

Explore identity, place, and culture through the family recipes of Mexican and Mexican American women who shape and preserve their unique communities and Mexican food culture through shared traditional dishes.

### Roots of Wisdom: Native Knowledge, Shared Wisdom

May 17, 2025 - September 7, 2025

Learn how the traditional knowledge of indigenous communities and Western science provide complementary solutions to ecological and health challenges in a hands-on, interactive exhibit.

### Across the Board: Are You Game?

November 23, 2024 - July 27, 2025

Step into a world where science and history come alive through the magic of a larger-than-life gameboard! In this immersive exhibit, you're not just a visitor—you're a player on a journey of discovery and learning.

### Becoming Jane: The Evolution of Dr. Jane Goodall

May 24, 2025 - September 1, 2025

Discover the extraordinary life and work of the renowned conservationist Dr. Jane Goodall through iconic images, a multiscreen experience, and an immersive projection of Tanzania's Gombe Stream National Park.



**Be a Member** - Teachers receive a 10% discount on membership and free admission to exhibits all year long!


[fwmuseum.org/join-and-support/become-a-member/](https://fwmuseum.org/join-and-support/become-a-member/)

## FIELD TRIP PRICING

For every ten children, you may bring one free educator or adult chaperone.

EXPERIENCES	STUDENT	CHAPERONES
Exhibits . . . . .	\$5.00 . . . . .	\$16.00 . . . . .
Omni Theater . . . . .	\$8.00 . . . . .	\$15.00 . . . . .
+ Laboratories (add-on only) . . . . .	\$3.00 . . . . .	\$4.00 . . . . .
Planetarium . . . . .	\$3.00 . . . . .	\$4.00 . . . . .
Omni + Planetarium . . . . .	\$11.00 . . . . .	\$19.00 . . . . .

*\*Payment will be required the day of the visit via cash, checks or credit cards.*



SCAN FOR FIELD TRIP INFO!

[fwmuseum.org/learn/field-trips/](http://fwmuseum.org/learn/field-trips/)

## FIELD TRIP ADD-ONS

### THE NOBLE SPACE GALLERY AND PLANETARIUM

Join our live presenters in the Noble Planetarium and be transported to outer space! In this 40-foot dome theater, students can learn about the sun, earth, and moon, explore the solar system, gaze at the night sky, or travel to the far reaches of our universe. The newly renovated Noble Planetarium gallery features a variety of interactive activities, meteorites, and the Science on a Sphere, which can map in 4K detail any object in the solar system.

#### ✦ Sun, Earth, Moon (25 – 45 Minutes) | Grades: 2nd – 5th

In this semi-interactive planetarium experience, students will learn about the sun, earth, and moon, and how they are all connected through gravity. If there is time, students will even have a chance to take a look at the night sky generated by our state-of-the-art Digitalium system. *Sun, Earth, Moon* is our most popular show with educational institutions, as it covers ALL the TEKS your students will learn in elementary school.

#### ✦ One World, One Sky: Big Bird's Adventure ENGLISH AND SPANISH (25 Minutes) | Grades: Pre-K – 1st

In this classic Sesame Street planetarium show, Big Bird, Elmo, and their friend from China, Hu Hu Zhu explore the wonders of the night sky. Our friends discover that they can see the same stars from Hu Hu Zhu's neighborhood in China, and they even learn first-hand what it's like to walk on the surface of the moon!

#### ✦ This is Your Captain Speaking (10 Minutes) | Grades: Pre-K – 2nd

*This is Your Captain Speaking* is a brief 10-minute introduction to the planets in our solar system. Students will visit every planet, as well as the sun, asteroid belt, and Pluto!

#### ✦ Live at the Noble: Our Solar System (25 Minutes) | Grades: 3rd – 8th

Produced in-house at the Fort Worth Museum of Science and History, *Our Solar System* combines animation and live narration to provide an interplanetary journey that your students will never forget!

#### ✦ Live at the Noble: Texas Sky Tonight (25 – 45 Minutes) | Grades: 3rd – 12th

In this entirely LIVE show, students will explore our beautiful night sky as seen from Fort Worth, Texas. Our expert presenters will point out stars and constellations and reveal the mythology behind them. Students will even have the chance to fly around the solar system and explore our greater universe!

#### ✦ Forward! To the Moon (25 Minutes) | Grades: 5th – 12th

*Forward! To the Moon* is all about NASA's newest manned space program, Artemis, which plans to send humans back to the moon, and this time, to stay.

#### ✦ Cosmic Mashups: Gravity, Galaxies, and Supermassive Black Holes (25 Minutes) | Grades: 6th – 12th

*Cosmic Mashups* explains how the collisions of galaxies can activate some of the most extreme objects in our universe: supermassive black holes!

## LABORATORIES

Laboratories are programs with engaging activities that may be added to your field trip experience. Programs are 30 minutes long and have a capacity of 30 visitors/program.



### WEATHERING & EROSION

Students will develop a working understanding of the Earth's processes of weathering and erosion through a unique hands-on learning experience.



### JOLTS & VOLTS

Students will be challenged to create circuits with some familiar and unfamiliar materials.



### BIRD BEAKS & ADAPTATION

Examine items from the Museum's collections as students learn about different ways birds have adapted to their environment by looking at different birds, their food sources and their beaks.



### SNAIL SCIENCE

Students will observe live snails, learn about the parts of a snail and conduct a snail food experiment.

## SCHOOL & FAMILY PROGRAMS

### Family Museum Night

At Family Museum Night, your students and their families come to the Museum for an exciting night of exhibits, planetarium shows, and hands-on science demonstrations. Our staff will facilitate interaction with participants and the exhibits.

### Family STEAM Festival

The Family STEAM Festival program brings a wide variety of hands-on activities to your school for your students and families to enjoy. Our staff will set up and take down the program and facilitate participant interaction throughout the program.

### Discovery Lab on Wheels

Bring the Museum to your classroom or organization with the Fort Worth Museum of Science and History's Discovery Lab on Wheels! After looking through our TEKs-based program options, if you don't see something that meets your needs, contact us and we can design a program for you!

### Mobile Noble Planetarium

Bring the Noble Planetarium experience to your school with the Mobile Noble Planetarium! In our 20-foot-wide portable dome, our expert staff will guide your students through our solar system, the night sky, and so much more!

### Museum School | Ages 3 - 6

For over seventy years Museum School has introduced children to the wonders of the world around them. Young children are encouraged to discover and dream of one day becoming astronauts, engineers, historians, paleontologists and so much more through their encounters with real objects and real stories in this weekly science enrichment programs.

### STEM Squad | K - 4th

STEM Squad expands the reach of the Museum School program into grades K - 4th. The engaging classroom environments and activities are facilitated by enthusiastic educators who support the joy of learning through discovery. Specimens and artifacts from the Museum's teaching collection are featured in the various class topics that are always engineering focused with a creative slant.

### Girls in STEM | 3rd - 5th

Step into the world of STEM with a FREE afterschool program for girls in 3rd - 5th grade! Girls in STEM aims to ignite a passion for science, technology, engineering, and math (STEM). Girls are encouraged to explore a wide range of hands-on activities that relate STEM concepts such as coding, robotics, engineering design, environmental science, and more.

# OMNI THEATER

## THE JANE & JOHN JUSTIN FOUNDATION OMNI THEATER

Shows at the brand new Jane & John Justin Foundation Omni Theater are \$8 per child / \$15 per adult. Shows are 45 minutes long and can fit 265 guests per show.

AVAILABLE SHOW TIMES	AVAILABLE DATES
9:30 AM 10:30 AM 11:30 AM 12:30 PM	Monday (Omni-Only) Tuesday Wednesday Thursday Friday



Reserve your field trip add-on for the NEW Jane & John Justin Foundation Omni Theater! Find showtimes and show descriptions online.

- **Animal Kingdom: A Take of Six Families (45 Minutes) | Pre-K - 8th**

Take flight with the family of the birds who rule the skies. Get busy with the insects who work hard behind the scenes. Dive into oceans and coral reefs as we meet the family of the fish. Open your eyes to cold blooded world of reptiles and amphibians. And get moving with the mammals as we meet the mightiest families in the Animal Kingdom. [View the Trailer.](#)

- **Jane Goodall: Reasons for Hope (45 Minutes) | 2nd - 12th**

Drawing on decades of work by the world's most famous living ethologist and environmentalist, *Jane Goodall-Reasons for Hope*, is an uplifting journey around the globe to highlight good news stories that will inspire people to make a difference in the world around them. [View the Trailer.](#)

- **Cities of the Future (45 Minutes) | 3rd - 12th**

Imagine stepping 50 years into the future and finding smart cities designed to be totally sustainable. Renewable energy is our primary power source, space-based solar power provides solar energy 24 hours a day, everything is recycled, and you have your own individualized pods that run on maglev trains using little or no energy. You can also ride an electric flying vehicle! Traffic jams are a thing of the past. This isn't science fiction. Engineers are making plans for a sustainable world right now. [View the Trailer.](#)

## UPCOMING EVENTS

- **Sensory Saturday:** Sept. 7, 2024
- **Mystery at the Museum:** Sept. 15, 2024
- **Ick-or-Treat:** Oct. 19, 2024
- **Chemistry Week:** Oct. 24 - 26, 2024
- **Polar Express PJ Party:** Dec. 14, 2024
- **Noon Year's Eve:** Dec. 31, 2024

- **Fort Worth Stock Show & Rodeo:** Jan. 17 - Feb. 8, 2025
- **Engineers Week:** Feb. 11 - 15, 2025
- **Sensory Saturday:** Mar. 29, 2025
- **Earth Day:** Apr. 22, 2025
- **Cinco in the District:** May 4, 2025

- **Mother's Day Tea Party:** May 10, 2025
- **Father's Day - Donuts & Dinos:** Jun. 14, 2025
- **Dinos Rock!:** Jun. 21, 2025
- **Space Day:** Jul. 19, 2025
- **Sensory Saturday:** Sept. 6, 2025
- **Sensory Time:** Recurring Monthly Event