

# SCHOOL PROGRAM PLANNER



2015-2016



**FORT WORTH MUSEUM**  
SCIENCE AND HISTORY

1600 Gendy Street • Fort Worth, Texas 76107  
817-255-9300 • [fortworthmuseum.org](http://fortworthmuseum.org)

# WELCOME to the 2015-2016 School Year!

Welcome to the 2015-2016 school year!

The Fort Worth Museum of Science and History's staff is ready to delight you and your students with an action packed year in the Museum. There is nothing like making your curriculum come alive for your students and we are here to help. We are committed to bringing engaging experiences to your students through our interactive exhibitions, the Omni Theater and the Noble Planetarium. No matter what your interest, we have something for everyone.

Book your school field trip today by calling 817-255-9440!

Every great field trip begins with great planning! Here is how to plan your trip with us!

# PLANNING YOUR VISIT

## FAST FACTS

### Reservations

- Contact Group Services: 817-255-9440.  
Monday-Friday 8:30 am-4:30 pm
- Group pricing: 15 or more; must be made two weeks in advance
- On-line booking: [fortworthmuseum.org/planning-your-visit](http://fortworthmuseum.org/planning-your-visit)

### What we need to know:

- **Omni Field Trips:** date preference, time preference (10:30, 11:30, 12:30) and film preference
- **Exhibit Field Trips:** date preference
- **Noble Planetarium Field Trips:** date preference, time preference and show preference
- Point person's name, contact information
- School name, complete address, phone number and ESC Region
- Number of students, grade level, any special needs

### What you will need to know:

- Required Chaperone: admitted free. Pre-K-K: 1 adult/6 students; Grades 1-12: 1 adult/10 students
- Additional adults: Group Services will provide pricing
- Students must be accompanied by an adult at all times
- You will receive a reservation confirmation in an email
- We do not have lunch storage on-site. Please store your lunches on the bus.

### Just a reminder:

- All exhibition and film dates are subject to change
- Member benefits and coupons may not be used for school visits
- You may picnic on the grassy areas around the Museum for lunch
- During inclement weather, a Guest Services Representative will direct you to a place for your class to eat their lunch. Sign-up sheets will be available at check-in
- Paid parking began in the Cultural District May 1, 2010. For more information on the fee structure can be found on the City of Fort Worth's parking guide: [culturaldistrictparking.com](http://culturaldistrictparking.com)

**A minimum of 15 is required for group rates.** Call our Group Services Department between 8:30 and 4:30 Monday through Friday at 817-255-9440. Our helpful staff will make planning your visit easy for you.

SCHOOL GROUP PRICING	Combos		Student	Additional Adults	
	Exhibits + documentary IMAX® film		\$8.50	\$16.00	
	Exhibits + Noble Planetarium		\$7.50	\$14.00	
	Exhibits + documentary IMAX® film + Noble Planetarium		\$11.00	\$20.00	
	Single Attractions		Student	Additional Adults	
	Exhibits		\$5.00	\$10.00	
	Omni Theater - documentary IMAX® film		\$4.50	\$6.00	
	Noble Planetarium		\$3.00	\$4.00	
	<i>Required Chaperones admitted free: Pre-K-K: 1 adult/6 students; Grades 1-12: 1 adult/10 students</i>				

Enjoy the IMAX® Dome experience with one of our engaging content related films in the Omni Theater. Whether you are looking for life science, earth science, or history, you and your students will be fascinated with the Omni Theater experience.

**NEW** **D-Day Normandy 1944**

**September 14 - May 27, 2016 ■ Suggested Grade Level: 5-12**

On June 6, 1944 the largest Allied operation of World War II began in Normandy, France. Uncover why and how this region became the most important location in the world. Through this film you will explore history, military strategy, science, technology and human values. Narrated by Tom Brokaw, *D-Day: Normandy 1944* pays tribute to those who gave their lives for our freedom... A duty of memory, a duty of gratitude.

**Official Movie Site**



**Forces of Nature**

**September 14 - May 27, 2016 ■ Suggested Grade Level: 3-12**

With National Geographic's trademark combination of scientific excellence, storytelling and human emotion, *Forces of Nature* showcases the incredible spectacle of earthquakes, volcanoes, and severe storms. Students travel the globe with volcanologists, geophysicists and meteorologists to learn how they use innovative technologies to predict how and where nature's most chaotic forces might strike next. What a way to build student knowledge about energy, cycles, systems, forces and the nature of science.

**Official Movie Site**

**Robots**

**September 14 - December 17, 2015 ■ Suggested Grade Level: 3-12**

*Robots* is a sneak peek into the future at what might be possible as scientists use innovative engineering and design to make cyber characters less "humanoid" and more just plain human. Find out just what it takes to make a "humanoid" robot and the challenges scientists are faced with replicating human characteristics.

**Island of Lemurs: Madagascar**

**September 14 - December 17, 2015 ■ Suggested Grade Level: K-12**

*Island of Lemurs: Madagascar* takes audiences on a spectacular journey to the remote and wondrous world of Madagascar. Join trailblazing scientist Dr. Patricia Wright on her lifelong mission to help these strange and adorable creatures survive in the modern world. Lemurs arrived in Madagascar as castaways millions of years ago and evolved into hundreds of diverse species but are now highly endangered.

**Official Movie Site**

**Humpback Whales**

**September 14 - December 17, 2015 ■ Suggested Grade Level: K-12**

*Humpback Whales* will take you and your students to the underwater world and the faraway places where Humpbacks live and thrive. From the clear turquoise waters of the South Pacific to Africa, Hawaii and Alaska, this ocean adventure will reveal what we know about this giant mammal and what mysteries scientists are determined to solve. **Official Movie Site**

**The Polar Express**

**November 30 - December 17, 2015 ■ Grade Level: K-12**

Special Pricing: \$6.00 per student; \$7 per adult

This student and family favorite is back! Join Tom Hanks on this extraordinary train ride to the North Pole, based on Chris Van Allsburg's beloved book. Get your pajamas ready for this holiday favorite!

**FACTS AT A GLANCE**

**Dates:** Sept. 14, 2015 - May 27, 2016

**Time choices:** 10:30, 11:30, 12:30

**Fee:** \$4.50 per student

**Group Minimum:** 15

**Required Chaperones:**

admitted free; PK-K: 1 adult/6 students; Grades 1-12: 1 adult/10 students.

**Additional Adults:** Single Attraction \$6; Combo Admission \$16

All students must be accompanied by a chaperone at all times.

**The Polar Express Fee:** \$6 per student; \$7 per adult

Enjoy the IMAX® Dome experience with one of our engaging content related films in the Omni Theater. Whether you are looking for life science, earth science, or history, you and your students will be fascinated with the Omni Theater experience.

## D-Day Normandy 1944

**September 14 - May 27, 2016 ■ Suggested Grade Level: 5-12**

On June 6, 1944 the largest Allied operation of World War II began in Normandy, France. Uncover why and how this region became the most important location in the world. Through this film you will explore history, military strategy, science, technology and human values. Narrated by Tom Brokaw, *D-Day: Normandy 1944* pays tribute to those who gave their lives for our freedom... A duty of memory, a duty of gratitude.

**Official Movie Site**



## Born to Be Wild

**January 5 - May 27, 2016 ■ Suggested Grade Level: K-12**

Follow young orphaned elephants and orangutans on the trip of a lifetime, from birth to their rebirth in the wild. This heart-warming documentary will transport you around the world to the far stretches of Kenya and Borneo where you will roam with the elephants and swing with the orangutans. **Official Movie Site**



## Forces of Nature

**September 14 - May 27, 2016 ■ Suggested Grade Level: 3-12**

With National Geographic's trademark combination of scientific excellence, storytelling and human emotion, *Forces of Nature* showcases the incredible spectacle of earthquakes, volcanoes, and severe storms. Students travel the globe with volcanologists, geophysicists and meteorologists to learn how they use innovative technologies to predict how and where nature's most chaotic forces might strike next. What a way to build student knowledge about energy, cycles, systems, forces and the nature of science. **Official Movie Site**

## Coral Reef Adventure

**January 5 - May 27, 2016 ■ Suggested Grade Level: K-12**

Join ocean explorers and underwater filmmakers Howard and Michele Hall on a real life expedition guiding you through the islands and waters of the South Pacific as they document the health and beauty of coral reefs. This beautiful documentary will make you feel like you are swimming alongside the scientists. **Official Movie Site**

## NEW National Parks Adventure

**February 12 - May 27, 2016 ■ Suggested Grade Level: 3-12**



In 2016 the U.S. National Parks Service will turn 100 years old and what better way to celebrate than joining us for MacGillivray Freeman's documentary *National Parks Adventure*. Travel to Yellowstone, Yosemite, the Everglades and Glacier National Park to meet the individuals who live in, explore and/or work in these magnificent places. This film will take you on an "off-trail" adventure into mountains and canyons uncovering the beauty and natural wonders of nature.

## FACTS AT A GLANCE

**Dates:** Sept. 14, 2015 - May 27, 2016

**Time choices:** 10:30, 11:30, 12:30

**Fee:** \$4.50 per student

**Group Minimum:** 15

**Required Chaperones:**

admitted free; PK-K: 1 adult/6 students; Grades 1-12: 1 adult/10 students.

**Additional Adults:** Single Attraction \$6; Combo Admission \$16

All students must be accompanied by a chaperone at all times.

# EXHIBIT FIELD TRIPS

Our exhibits have something for all ages. We are committed to bringing you exhibitions that not only supports your curriculum but engages and delights your students as well. Book an exhibit field trip today!

## Permanent Exhibitions

### FIRST FLOOR

#### 9/11 Tribute Exhibit

**Suggested Grade Level: 3-12**

The Fort Worth Museum of Science and History is proud to be the designated caretakers of N-101 from the World Trade Center's North Tower.

#### Innovation Studios

**Grade Level: K-12**

Learn about science and history topics as they happen in these interactive, illuminated spaces. Experiment with rotation, sound, build, and create in this space.

#### Energy Blast

**Suggested Grade Level: 3-12**

Journey back in time in the 4D theater and learn about the origins of the Barnett Shale. Then visit the "rig site" and witness the scientific story of energy. Investigate alternative energy sources, both renewable and non-renewable, as you "power up" a model city.

#### Fort Worth Children's Museum Gallery

**Grade Level: 2<sup>nd</sup> Grade and younger**

Enter through the friendly dragonhead and have hands-on fun in this special exhibit gallery designed especially for children 8 and under. From the grocery store to the block building center and outside to the water park your students will be delighted as they play and learn.

#### Dino Labs and DinoDig®

**Suggested Grade Level: K-12**

Use the scientific processes to discover dinosaur fossils at field sites, analyze fossils, and create images of what dinosaurs looked like. Learn how paleontologists find fossils, document their location, carefully dig them up, and securely pack them



for transportation to the lab in this large outdoor recreation of the Jones Ranch dinosaur field site in Texas.

### SECOND FLOOR

#### Cattle Raisers Museum

**Suggested Grade Level: K-12**

The Cattle Raisers Museum, a museum within the Fort Worth Museum of Science and History, is dedicated to preserving and celebrating the vital history and science of the cattle industry.

Your students will enjoy the artifacts such as the cattle and horses, barbed wire, spur collection, and branding irons. Inter-actives include Ride-A-Long Round Up, Run A Ranch and the 7 minute multi-media presentation, *The Thundering Herd*, in the Noble Planetarium.

For additional resources and instructional information about the Cattle Raisers Museum, contact:

David Bedford, Cattle Raisers Museum Educator  
817-255-9342, [dbedford@fwmslh.org](mailto:dbedford@fwmslh.org)



Wednesdays at 10:30 am

Learn about the wild Texas weather with Jeff Jamison, CBS 11 meteorologist. This 45 minute program is available at no additional charge with your field trip exhibit admission.

For additional information or to register: [rreed@fwmslh.org](mailto:rreed@fwmslh.org)

# EXHIBIT FIELD TRIPS

## Traveling Exhibitions



### THINK

Opening October 3, 2015

Suggested Grade Levels: \_\_\_\_\_

Consider the way science and technology define life in the 21st century, perhaps in ways you may not realize. *THINK*, presented by IBM, is an experience that allows you to celebrate the wonders of our technological world and explore the possibilities of tomorrow. *THINK* was created and developed by IBM.



### Exploring America: A Photographic Journey

Opening December 19, 2015

Suggested Grade Levels: \_\_\_\_\_

*Exploring America: A Photographic Journey* explores our great country's National Parks and the places in between. So far David's adventures have taken him over 30,000 miles in an attempt to capture the beauty and uniqueness of our country's treasures. These photographs are meant to trigger memories of times you may have spent in these wonderful places, to inspire you to see them again or experience them for the first time. Join us on this journey *Exploring America*.

## FACTS AT A GLANCE

**Dates:** Sept. 8, 2015 - May 27, 2016

**Time choices:** 10:00am - 5:00pm

**Fee:** \$5 per student for exhibits

**Group Minimum:** 15

**Required Chaperones:**

admitted free; PK-K: 1 adult/6 students; Grades 1-12: 1 adult/10 students.

**Additional Adults:** Single Attraction \$10

All students must be accompanied by a chaperone at all times.



# NOBLE PLANETARIUM

## Experience the Noble Planetarium:

- Live interpretation brings artifacts to life in our exhibit space
- Current views of the sun, meteorites, and a satellite engage students of all ages
- Interactive, curriculum-based programs investigate Earth, the solar system, and beyond
- Discovery learning guided by students' own questions and input
- Teacher resources to take home for post-trip activities



### We've Got the Sun!

**Suggested Grade Level: PK-K**

Come discover the skies above! Experience the earth, the sun, the moon, and the stars as the astronauts have with the help of vivid, 360° imagery.

### One World, One Sky: Big Bird's Adventure

**Suggested Grade Level: PK-1**

Join Big Bird, Elmo and their friend, Hu Hu Zhu for a look at the stars. Take an imaginary trip to our Moon, learn how to find the Big Dipper and North Star, and see how we all share the same sky. **Official Website**

### This Is Your Captain Speaking

**Suggested Grade Level: K-2**

Explore the sights of our solar system: breathtaking planets, marvelous moons, our spectacular sun, and poor, poor Pluto.

### Take Me to the Stars

**Suggested Grade Level: 1-12**

Connect with ancient civilizations as you hear the rich folklore of the stars still sparking our human imagination today! Discover how to find stars, constellations, visible planets and any special astronomy events at the time of your visit.

### Earth, Sun, and Moon: Beginnings

**Suggested Grade Level: 2-3**

Discover the surprising scale and distance of the Earth, Sun, and Moon while experiencing the seasonal cycles and lunar phases of our important cosmic neighbors up close.

### Our Amazing Solar System

**Suggested Grade Level: 3-7**

Reach for the stars with this fun and informative journey through the planets. Witness the rusty surface of Mars, fly over Jupiter's cloud tops, and get the inside scoop on why Pluto was kicked out of the planet club.

### Earth, Sun, and Moon: Connections

**Suggested Grade Level: 4-6**

Discover the surprising scale and distance of the Earth, Sun, and Moon in more depth. Investigate seasons, lunar rotation and phases, the sun, solar phenomena, auroras, gravity, and the important elements of Earth.

### Texas Sky Tonight....LIVE!

**Suggested Grade Level: 5-12**

Learn to navigate the night sky and find beautiful stars, inspiring constellations, wandering planets, and deep sky objects visible at the time of your visit!

### Earth, Sun, and Moon: Explorations

**Suggested Grade Level: 7-8**

Investigate the scale and distance of the Earth, Sun, and Moon while experiencing their seasons, lunar rotation and phases, the sun, solar phenomena, auroras, gravity and fly beyond our solar system to the very edge of the known universe.

## FACTS AT A GLANCE

**Dates:** Sept. 8, 2015 - May 27, 2016

**Time choices:** 10:00, Noon, 1:00

**Fee:** \$3.00 per student

**Group Minimum:** 15

**Group Maximum:** 95

**Required Chaperones:**

admitted free; PK-K: 1 adult/6 students; Grades 1-12: 1 adult/10 students.

**Additional Adults:** Single Attraction \$4; Combo Admission \$14

All students must be accompanied by a chaperone at all times.

# NOBLE PLANETARIUM

## Experience the Noble Planetarium:

### Stars of the Pharaohs

**Suggested Grade Level: 7-12**

Unravel the mysteries of ancient Egypt using the stars and constellations as they viewed them and learn how their stories still influence us today.

### Black Holes: The Other Side of Infinity

**Suggested Grade Level: 8-12**

Dare to get up close as a star ends its life with a cataclysmic explosion and collapses into one of the most mysterious and destructive objects of the universe.

### Fragile Planet: Seeking Other Earths

**Suggested Grade Level: 8-12**

Fly from the oceans of Earth, to the towering peaks of Mars, and out to the unexplored landscapes of the Milky Way galaxy. Could there be life out there and, if there is, could we ever find it?

### Dark Matter

**Grades: 8-12**

Join Planetarium staff as you explore one of the greatest mysteries of the cosmos.

### From Earth to the Universe

**Suggested Grade Level: 6 and up**

This stunning, 30-minute voyage through time and space conveys, through an arresting combination of sights and sounds, the Universe revealed to us by science.

### Design a Mission

**Suggested Grade Level: 3 and up**

This is a live, interactive presentation exploring some of the basic steps in the engineering design process. In this interactive show, the audience plays a role in designing the mission and discovering whether their choices led to failure or success. *Designed by the Boston Museum of Science through a grant from NASA.*

### Cosmic Origin Spectrograph

**Suggested Grade Level: 6 and up**

This film highlights the current research of the Cosmic Origin Spectrograph aboard the Hubble Space Telescope, which allows us an unprecedented view into the vast spaces between the galaxies surrounding our own Milky Way. **Official Website**



## ASTRONOMY ON WHEELS

Let the Mobile Noble Dome bring the Universe to you!

### One World, One Sky: Big Bird's Adventure

**Suggested Grade Level: PK-1 • Length: 40 minutes**

### This Is Your Captain Speaking

**Suggested Grade Level: K-2 • Length: 45 minutes**

### Take Me to the Stars

**Suggested Grade Level: 1-12 • Length: 40 minutes**

### Earth, Sun, and Moon: Connections

**Suggested Grade Level: 4-6 • Length: 50 minutes**

### 2012: Mayan Prophecies

**Suggested Grade Level: 5-12**

### Two Small Pieces of Glass

**Suggested Grade Level: High School**

## FACTS AT A GLANCE

**Dates:** Available year-round

**To Book:** Contact planetarium staff at 817-255-9409 or email at [stwidal@fwmsm.org](mailto:stwidal@fwmsm.org)

**Minimum:** 3 hrs/day

**Maximum:** 5 hrs/day

**Fee:** \$375 for 3-hour minimum plus \$125 per additional hour up to 5 hours plus small travel fee. Travel NOT limited to Tarrant County!

**Show Lengths:** Vary from 20 to 50 minutes, depending on student age

# BLAIR CENTER FOR PROFESSIONAL DEVELOPMENT



## FACTS AT A GLANCE

For additional information:  
contact School Services at  
817.255.9416 or visit  
[www.fortworthmuseum.org](http://www.fortworthmuseum.org)

The Blair Center for Professional Development at the Fort Worth Museum of Science and History is committed to providing educators with hands-on, minds-on, interactive opportunities that will enhance your classroom practice. The Center is the home for the Texas Center for Inquiry, the 21st Century Learning Academy and Educator Workshops.

## TEXAS CENTER FOR INQUIRY

The Fort Worth Museum of Science and History is the home of the Texas Center for Inquiry. The institute provides educators with in-depth experiences in science inquiry through institutes, workshops, forums and follow-up coaching. The center's mission is to help curriculum specialist, teacher leaders and educators incorporate science inquiry into their curricula in ways consistent with the *Next Generation Science Standards* and the *Texas Essential Knowledge and Skills*. For additional information: contact school services at 817.255.9416 or email [cbarthelemy@fwmslh.org](mailto:cbarthelemy@fwmslh.org)

- Teaching Science through Inquiry-Elementary June 2016
- Teaching Science through Inquiry-Secondary June 2016
- Professional Development Design

Generous support for the Texas Center for Inquiry has been provided by:

**ExxonMobil**



## 21ST CENTURY LEARNING ACADEMY

The 21st Century Learning Academy will provide educators with in-depth experiences on integrating STEM education into their classroom. The pedagogy, practices and implementation strategies taught will enhance professional practice and help build educators' understanding of how STEM based instruction can benefit student learning. Educators will have the opportunity to implement strategies during the 21st Century Learning Kids Camp.

- 21st Century Learning Academy: Integrating STEM into the Classroom K-2
- 21st Century Learning Academy: Integrating STEM into the Classroom Grade 3-8



## EDUCATOR WORKSHOPS

Join us for a fun inquiry based workshop that focuses on earth and physical science concepts and their connections with the real world. Unlock student's enthusiasm as they participate in activities in the areas of electricity, insulators, conductors, and renewable and nonrenewable energy sources and much more! Free guides, books, and more.

- Exciting Energy in the Classroom with Project E3, Presenter: Wendy Kennedy

# DISTANCE LEARNING



## DISCOVERY LABS ON WHEELS

Looking for a great field trip on your campus? Bring the Museum to your classroom with Discovery Labs on Wheels. We offer a variety of programs to fit your needs!

### School Based Programming

The Museum will bring two educators to your school to lead your students in hands-on science activities. Each program runs 50 minutes and can take place in your classroom or science lab.

**Pricing:** \$125 per 50 minute program; class limit 30  
\$750 for 6-8 classes; class limit 30  
\$1125 for 9-12 classes; class limit 30

### After School and Summer Programming

Looking to add something special to your after school or summer programming? Have a Discovery Labs on Wheels Educator visit your program. Our programs are perfect for a variety of audiences and age groups. After school programming is available after 3:00 pm during the school year and Summer programming is offered from June 15- July 31. **Pricing:** We do our best to accommodate your specific program, please call us to request a quote.

#### Program options include:

- Electrical Energy: Jolts and Volts
- Properties of Matter
- Investigations in Weathering Erosion and Deposition
- Magnets
- Bubbles
- Chain Reactions and Motion
- Water Wonders
- Doodle-Bots (*Grade 5 and above*)
- Animal Adaptations

#### Special Programs:

- Outdoor/Environmental Day
- Makers Club
  - 6-weeks series for one class: \$450 or 8-week series for one class: \$600
- Art and Science
  - 6-week series for one class: \$500 or 8-week series for one class: \$650

## DISTANCE LEARNING

Don't miss this opportunity to connect and interact live with the Museum's collections and team of experts without ever leaving your campus. Your students will explore science and mathematics with curators, staff and special guests through interactive videoconferencing. Our programs align with Texas Essential Knowledge and Skills and the Next Generation Science Standards and are customized to fit your grade level curricular needs.

### Popular Program Options:

- Resolve to Dissolve
- STEM in Action: Scribblebots
- Eggs Everywhere
- Adaptations Exploration: Owls
- All about Matter
- Geometric Transformations
- Investigations in Weathering, Erosion and Deposition
- Icy Science

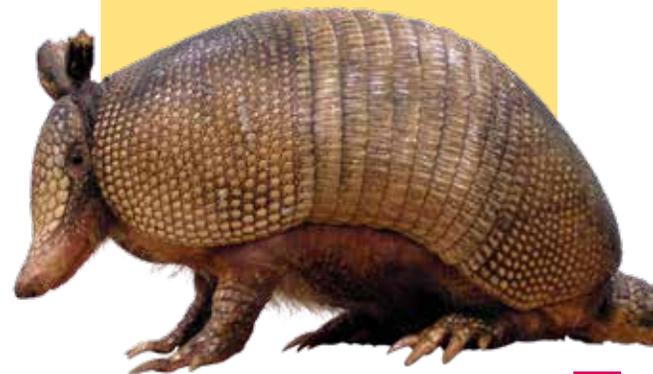
## FACTS AT A GLANCE

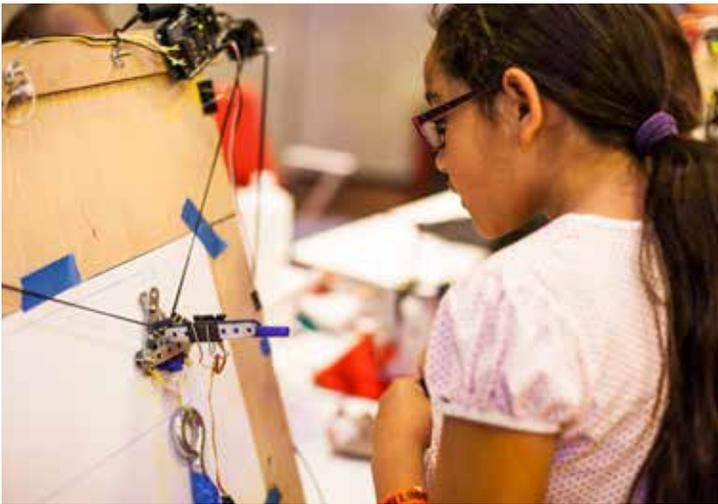
### Distance Learning

**To Book:** For program descriptions and to register: [connect2texas.net](http://connect2texas.net)  
To find our Museum click the Calendar of Programs and Register button. Choose the Fort Worth Museum of Science and History from the "Provider" pull down menu. Please schedule at least three weeks in advance.

**Fee:** \$140 for a 50-minute class which includes materials for 30 students.

Questions? We welcome your calls and emails: **817-255-9521** or [distancelearning@fwmsch.org](mailto:distancelearning@fwmsch.org)





## EVENTS YOU DON'T WANT TO MISS

Educator Evening in the Cultural District .....September 16, 2015  
 National Chemistry Week .....October 20-24, 2015  
 National Engineer's Week.....February 23-27, 2016  
 All Systems Earth .....April 19-23, 2016

Be sure to watch our website for other educator special events and previews! Sign up for our Educator E'News letter to be the first to know what is happening at the Museum.



### Don't forget to Shop Too!

Take home a memento of your visit to the Museum from ShopToo!  
 You will find something for everyone!

### ReFuel in the Stars Cafe

Enjoy sandwiches, pizza, pasta, hamburgers and menu items with kids in mind! Please remember that food and drink are not permitted in the exhibition galleries.



### Want to preview the Museum before you come on your field trip?

Request an educator preview pass at [schoolservices@fwmsk.org](mailto:schoolservices@fwmsk.org). Please include the date you would like to come for your preview.

# CATTLE RAISERS MUSEUM



The *Cattle Raisers Museum*, a museum within the Fort Worth Museum of Science and History, is dedicated to preserving and celebrating the vital history and science of the cattle industry. The experience begins as you trace the origins and development of ranching as both an industry and cultural phenomenon in the 1850s and takes you on a journey through the cattle industry and into the future of the business.

The gallery tells the story of the challenges and accomplishments of Texas and the Southwestern Cattle Raisers Association over the past 150 years.

As you enter the museum, you are greeted by the large curving mural of the *Goodnight Loving Trail* by artist Tom Gilleon. The scene transitions from a lightning storm to a hot prairie day. As you leave the *Open Range*, you will find the barbed wire exhibit, the invention that marked the end of the open range.

*Ride-A-Long Round Up* will test your skill in driving cattle on the open range. Look up and you will see branding irons hanging. Don't miss the case of spurs that jingle and jangle.

Learn about the major ranches in Texas, such as the King Ranch, as well as the introduction of the stockyards and trains, the mechanization of the cattle industry, and products that are derived from cattle as depicted by the multicolored glowing cow.



**CATTLE RAISERS**  
MUSEUM

The *Headquarters Room* is a tribute to cattlemen and women whose contributions shaped the cattle industry. Before you leave be sure to stop in the *John and Jane Justin Art Gallery*.

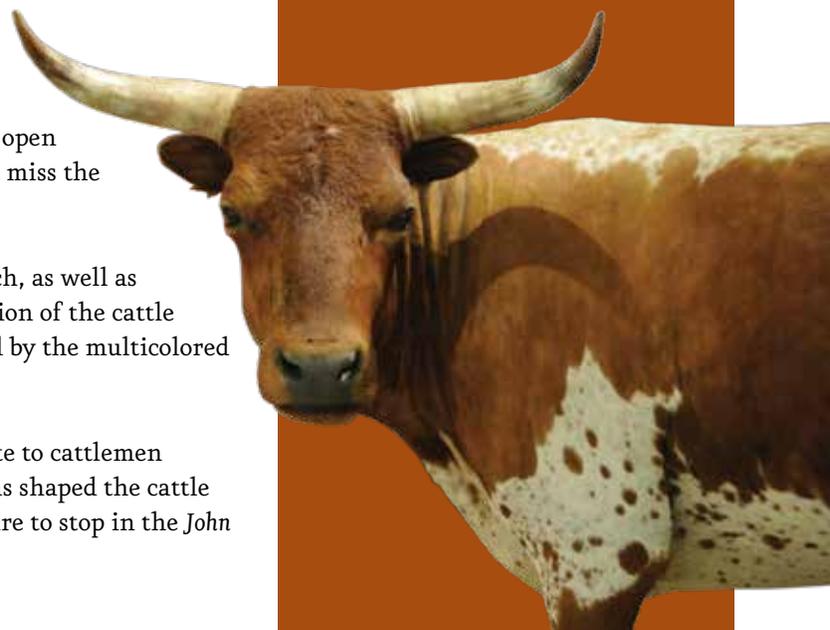
## FACTS AT A GLANCE

Suggested Grade Level: K-12

For additional resources and instructional information about the Cattle Raisers Museum, contact **David Bedford**, Cattle Raisers Museum Educator, 817-255-9342, [dbedford@fwmsm.org](mailto:dbedford@fwmsm.org)

## Thundering Herd

Don't miss this short multimedia historical presentation in the Noble Planetarium. It features life in the cattle industry today, its evolution into the Southwest, and then finishes with a spectacular stampede. This presentation is included with exhibit admission.



# NATIONAL COWGIRL MUSEUM AND HALL OF FAME



## EXHIBITS

Visit the National Cowgirl Museum and Hall of Fame and discover the world of the cowgirl through interactive exhibits, film presentations, memorabilia, and intriguing stories. The galleries upstairs include: *Into the Arena*, *Kinship with the Land*, *Claiming the Spotlight*, and the *Hall of Fame Honoree Gallery*. The recently renovated gallery downstairs features our newest permanent exhibit, *Hitting the Mark: Cowgirls and Wild West Shows*, which discusses early cowgirls and their significant roles in Wild West shows. Watch holographic Annie Oakley describe what it was like to travel with a Wild West show using her own words. Explore Western art through temporary exhibits in the new Anne W. Marion gallery, featuring different artists throughout the year.



## HIT THE TRAIL WITH OUR TRAIL PACKS PROGRAM

Enhance your next visit to the National Cowgirl Museum with a backpack from the new *Trail Packs* backpack program. Trail Packs are designed to create a more multisensory experience for your students with hands-on activities, games, and objects. Check them out at the front desk, they are free to use. These work well for small self-guided and homeschooling groups.

## DISTANCE LEARNING

Let us come to you virtually through video conferences! Topics include: *Museum Math*, *Cowgirl Science*, *Life on the Prairie with Sarah*, *Plain and Tall*, *Writing through the Museum*, *Iconic Cowgirls*, *Fact or Fiction*, *Meet Annie Oakley*, *Untangling Cattle Brands*, *O'Keeffe: The Faraway*, *Searching for a Life of Adventure*, *Amazing Women in the Days of the Depression*, *Sandra Day O'Connor: The Cowgirl Who Became a Justice*, and more! For a Distance Learning program schedule, cost, and registration, go to:

[www.connect2texas.net](http://www.connect2texas.net) or [www.cowgirl.net](http://www.cowgirl.net).

## DISCOVERY TRUNK: COWBOYS AND COWGIRLS

The National Cowgirl Museum has traveling trunks available to accommodate any grade-level and serve as wonderful educational tools for enhancing existing curriculum. Fee: \$25 refundable deposit

## PROFESSIONAL DEVELOPMENT

Get to know us better and learn how we can help you meet your needs. Call our Education staff to help you plan a customized in-service program for your campus.

## FACTS AT A GLANCE

**To book:** 817-509-8960

**Fee:** \$3.50 per student

**Group Minimum:** 15 students

**Maximum:** 200 students

**Required Chaperones:**

Admitted free

PK-K: 1 adult/6 students

Grades 1-12: 1 adult/10 students

**Time frame options:** Tuesday-Friday 10:00-11:30 a.m.; 12:00-1:30 p.m.; 2:00-3:30 p.m.

## Student Group Reservations

Reservations may be made at least ten days in advance of your Museum visit by sending a fax to **817-336-2470**. Both a *Student Group Reservation* and a *Guidelines Form* must be completed and faxed. Please allow five business days for a receipt of confirmation.

**Reservation Forms:**

[www.cowgirl.net](http://www.cowgirl.net)



For additional information, contact:  
National Cowgirl Museum  
and Hall of Fame  
**817-509-8960**  
[info@cowgirl.net](mailto:info@cowgirl.net)