Field Trips | p. 4-22
Special Exhibitions | Call for Pricing
Exhibit Halls | $4.00
Burke Baker Planetarium | $5.50
Cockrell Butterfly Center | $4.50
Wortham Giant Screen Theatre | $5.00

Tours | p. 33
Decent Tour | $10.00 up to 10 people
Discovery Guide Tour | $30.00 up to 15 people

Early Investigations Program | p. 33
Exhibit Hall Program | $9.50
Cockrell Butterfly Center Program | $10.00

Expedition Center | p. 23
Mini-Crew Mission | $160 | 12 – 25 students | 1 hour
Junior-Crew Mission | $185 | 12 – 25 students | 1.5 hours
Full-Crew Mission | $280 | 20 – 45 students | 2 hours

Science Labs | p. 34
Weekday Labs | $200 per lab | 1 hour
Weekday Science Dissection Labs | $250 per lab | 1 hour
Labs on Demand | $250 | 1 hour
Advanced Labs on Demand | $500 - $550 | 2 hours
*Travel Fee $75 for off-site labs

Educator Workshops | p. 42
Gifted and Talented
$50 Member | $60 Early Bird | $70 Non-Member
ExxonMobil Educator Maker Labs
$25.00 Member | $50.00 Non-Member

HMNS at Sugar Land | p. 24
Special Exhibitions | Call for pricing
Exhibit Halls | $3.50
Field Trip Classes | $700
Decent Tour | $100 per person
Weekday Labs | $200 per lab | 1 hour
Weekday Science Dissection Labs | $250 per lab | 1 hour
Labs on Demand | $250 | 1 hour
Advanced Labs on Demand | $500 - $550 | 2 hours
Dig Pit | $5.00

George Observatory | p. 25
Astronomy Day Class | $165 | 1 hour
Expedition Center Missions
Mini-Crew Mission | $160 | 12 – 25 students | 1 hour
Junior-Crew Mission | $185 | 12 – 25 students | 1.5 hours
Full-Crew Mission | $280 | 20 – 45 students | 2 hours

Discovery Dome
$60 per show | Max 20 students per show
Stargazing Super Session | $360 | Max of 30 students

Outreach Programs | p. 32
Bugs on Wheels
$425 Half day | $525 Full day | $625 Extended day
Discovery Dome
$425 Half day | $525 Full day | $625 Extended day
Decents to Go | $150
Earth Science on Wheels
$375 Half day | $475 Full day | $575 Extended day
ConocoPhillips Science on Stage
$575 First presentation
$150 per additional presentation
Science Start
$375 First presentation pair
$150 per additional presentation pair
Wildlife on Wheels
$425 Half day | $525 Full day | $625 Extended day
Science Nights | Call for Pricing
Museum Careers | $150

Note: Prices subject to change without notice.
Field Trips
The Houston Museum of Natural Science works hard to help teachers bring learning to life. Booking a Field Trip is the first step in creating lifelong learners.

Reservations
Field Trip reservations may be made by calling 713-639-4659, emailing fieldtrips@hmns.org, or by completing the online form at hmns.org/fieldtrips.

How to receive the discounted Field Trip rate:
• Belong to an educational organization;
• grades Pre-K – 12
• Visit us Monday – Saturday, 9 a.m.-5 p.m.
• Have a minimum of 10 students
• Chaperones must be at least 21 years of age
• Make reservations in advance

For more detailed Field Trip policies, please visit us at hmns.org/fieldtrips.

Field Trip Discounts!
SEPTEMBER AND JANUARY
Receive free admission to the Exhibit Halls* on any Monday or Tuesday when you purchase one additional HMNS venue.

OCTOBER AND FEBRUARY
Receive free admission to the Exhibit Halls* on any Monday or Tuesday when you purchase two additional HMNS venues.

Additional HMNS venues include the Wortham Giant Screen Theatre, Cockrell Butterfly Center, and Burke Baker Planetarium.

*excludes special exhibitions

Field Trip Curriculum
Generously supported by Phillips 66
Our team of educators has produced Field Trip curriculum for grades K - 12. Based on each grade’s interdisciplinary TEKS objectives, this curriculum covers the Museum’s Permanent Exhibit Halls and special exhibitions. If you have a curriculum question, please email hmns.org/curriculum.

If you have any questions about which exhibits are appropriate for your students, please ask a staff member or visit our website at hmns.org/accessibility. We’ll be happy to help you create the best museum experience for you and your students!

Sensory Friendly Events
HMNS will open early twice a year with modified lighting and reduced sound to turn the Museum into a welcoming environment for visitors with sensory sensitivities. As additional support for your students, HMNS also offers a Sensory Friendly Day for Schools held in December. The Cockrell Butterfly Center, Burke Baker Planetarium, and Wortham Giant Screen Theatre will be open with adjusted lighting and volume for all to enjoy.

Event dates are highlighted throughout the monthly calendar.

Museum Etiquette
To ensure that all Museum visitors have an optimal experience and out of respect for our collections and the safety of others, we ask that all HMNS patrons adhere to the following guidelines:
• Keep your hands and feet to yourself.
• Keep a safe distance from objects, walls, cases, artifacts, and photographs. The oils, salts, and acids in our sweat can damage works of art and artifacts.
• Touching of exhibits is only permitted in the Cabinet of Curiosities.
• Be respectful of other school groups and visitors to the Museum by using a quiet voice when walking through the halls and not using profanity or derogatory language.
• Cell phones must be turned off or silenced while in the Halls and our theatres.
• Food, drinks, and chewing gum are not allowed in the Halls and theatres.
• Students are not permitted to run or jump in the Halls.
• When visiting the Morian Overlook, please do not allow students to drop objects over the balcony into the Morian Hall of Paleontology.
• Please refrain from blocking exits and/or entryways throughout the Museum.
• While viewing exhibits, please allow space for other patrons to safely pass.

Teachers and chaperones are responsible for the behavior of their students/children during their visit to the Museum. We thank you in advance for ensuring that our Museum remains in good condition for all visitors to enjoy. If these guidelines are not followed, you may be asked to leave the Museum without a refund.

Individuals with Disabilities
The HMNS staff is dedicated to ensuring the enjoyment of all our visitors. If any students or adults in your group have a disability, please inform us when booking your trip so that we can make the appropriate accommodations. We want to help you have the best day possible! Resources and special tours for individuals who are blind or deaf are in progress for 2019. Please check with Museum Services or email curriculum@hmns.org for updated information.

Accessibility programs are generously supported by the Andrew Delaney Foundation.

Our goal is to make the Museum accessible to all visitors. We are excited to offer resources for those with sensory sensitivities or those affected by autism spectrum disorders.

Before coming to the Museum, download and review our Sensory Guides, Access HMNS app, Exploration Planner, and other resources to make your visit to HMNS more enjoyable!

If you have any questions about which exhibits are appropriate for your students, please ask a staff member or visit our website at hmns.org/accessibility. We’ll be happy to help you create the best museum experience for you and your students!

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**Events:**
- **6 October**: Yom Kippur begins at sundown.
- **13 October**: Columbus Day

### OCTOBER 2019

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**Events:**
- **3 October**: HMNS at Sugar Land opened in 2009
- **10 October**: FREE Educator Night with Shell Educators’ Preview and The Educator Event @ HMNS
- **17 October**: Second Saturday for HMNS Members
- **24 October**: ExxonMobil Educator Maker Labs: The “Magic” of Magnetism

**Notes:**
- **14 October**: On This Day at HMNS: The George Observatory opened in 1989
- **22 October**: Booking for spring Field Trips begins today!

**Full Moon:**
- **6 October**

**Holiday:**
- **13 October**: Columbus Day

**Booking for spring Field Trips begins today!**
### NOVEMBER 2019

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- **3 November:** Daylight Saving Time ends
- **4 November:** Election Day
- **7 November:** Veter ans Day
- **14 November:** Full Moon
- **28 November:** Thanksgiving
- **29 November:** HMNS Closed
- **1 November:** Veteran’s Day
- **2 November:** Election Day
- **11 November:** Wildlife Lab - Pollination & Predation
- **22 November:** Second Saturday for HMNS Members
- **23 November:** ConocoPhillips TechnoScience Lab - Light
- **29 November:** Election Day
- **30 November:** HMNS Closed

**WEEKDAY LABS - TOPICS**
- Time Lab - Heraldry
- Wildlife Lab - Pollination & Predation
- ConocoPhillips TechnoScience Lab - Light
The Houston Museum of Natural Science’s Permanent Exhibit Halls offer a unique assortment of interdisciplinary adventures for students of all ages. For more information about our newest Special Exhibitions, visit hmns.org/special-exhibitions.
Films That Inspire Lifelong Learning

The Wortham Giant Screen Theatre features the latest in state-of-the-art motion picture projection. In stunning 4K digital with advanced 3D technology, students can immerse themselves in the depths of the ocean, the heat of volcanoes, or fly across the rainforest canopy, all projected onto a giant screen.

Watch our film trailers and find a full list of our featured films online at hmns.org/giantscreen!

Teacher’s Choice

Teacher’s Choice allows educators to change the film playing at the 10 a.m., 11 a.m., or 12 p.m. time slots. Reservations must be made at least five business days in advance and are on a first-come, first-served basis. Films are available in 3D or 2D. Most films have closed captioning and online education resources available.

View our website for more information about the Teacher Choice Program.
### DECEMBER 2019

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<td><strong>On This Day at HMNS: The Houston Scientific Society was founded and would later be known as The Houston Museum of Natural Science in December 1909</strong></td>
<td><strong>Sensory Friendly Day for Schools</strong></td>
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<td><strong>Computer Scientist Grace Hopper’s Birthday</strong></td>
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<td><strong>Hanukkah begins at sundown</strong></td>
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<td><strong>ExxonMobil Educator Maker Labs: Escaping the Curriculum</strong>&lt;br&gt;<strong>Pearl Harbor Remembrance Day</strong></td>
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<td><strong>Second Saturday for HMNS Members</strong></td>
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<td><strong>Winter begins</strong></td>
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<td><strong>Kwanzaa</strong></td>
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<td><strong>WEEKDAY LABS - TOPICS</strong>&lt;br&gt;<strong>Time Lab - Vikings</strong>&lt;br&gt;<strong>Wildlife Lab - Multifaceted Mammals</strong>&lt;br&gt;<strong>ConocoPhillips TechnoScience Lab - Polymers</strong></td>
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<td>Martin Luther King Jr. Day</td>
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**Notes:**
- January 2020
- January 2020

**WEEKDAY LABS - TOPICS**
- Time Lab - Medieval Life
- ConocoPhillips TechnoScience Lab - Shape Science
- Dissection Lab - 14-Legged Fun

**Events:**
- New Year’s Day
- Epiphany
- Martin Luther King Jr. Day
- Second Saturday for HMNS Members
- Inventor Benjamin Franklin’s Birthday
- Chinese New Year
- Full Moon

**Other:**
- Second Saturday for HMNS Members
### FEBRUARY 2020

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<td>Weekday Labs - Behind the Times</td>
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Pick your destination and leave the Earth behind! Choose from a live interactive TEKS-based show or select a film to suit your grade and topic from our incredible collection of dynamic planetarium shows in the Friedkin Theatre underneath the Raddoff Dome.

**Planetarium Picks for Educators**

Now the whole Universe is yours on demand. With 25 or more students, you can choose your show and your viewing time. Shows are available every half hour from 10:30 a.m. to 3:30 p.m. on weekdays.

For a complete listing of films, including grade level suggestions, please visit hmns.org/planetarium

The Expedition Center is a unique team problem-solving simulator. During missions, teams receive tasks and students must work together to reach their destination on the Moon, Mars, or the Ocean Floor. Meanwhile, Mission Controllers monitor their progress and help when needed, especially in emergencies. It’s a dramatic, high energy, completely interactive group experience where the students are in charge. When they succeed in reaching their destination, it is met with pride and applause!

Houston provides career opportunities in medicine, technology, engineering, and space, as well as the biological and geological sciences. During each Expedition, students model these real world careers as they explore the Moon, Mars, or the Ocean Floor. Our Expeditions also emphasize the skills that make good students and valuable employees: responsibility, teamwork, decision-making, and communication. All Expeditions include free admission to the Museum’s Permanent Exhibit Halls (excluding special exhibitions).

**Expedition Center Programs**

**MISSION SPACE**

It is the year 2076; this mission must be successful, and only your students can make it happen. New Tranquility Base on the Moon is awaiting the arrival of your space ship from Earth for a crew exchange before journeying to Mars. Students must work together to complete a successful Expedition while performing experiments, maintaining the ship, and surviving the perils of space travel.

**MISSION DEEP DIVE**

Students in a submarine and on a surface ship chart the path of the iceberg that sank the legendary RMS Titanic. Their mission ends with an exploration of the wreck site for new clues about what sank the unsinkable ship. In the second deep-sea challenge, students in the ship and submarine head for a deep water coral reef in the Azores. There, a treasure laden galleon sank over 400 years ago and has never been found. The treasure still lies somewhere on the ocean floor.

These Expeditions are available for students of all ages. You can schedule an Expedition for your students Monday-Saturday, 9 a.m.-3 p.m.

- **Mini-Crew Expedition** | 1 hour
  - 12-25 students; Grades 4-12
  - *Note: Some grades require a minimum amount of adults per student during mission.

- **Junior-Crew Expedition** | 1.5 hours
  - 12-25 students; Kindergarten-Grade 3

- **Full-Crew Expedition** | 2 hours
  - 24-44 students; Grades 4-12

For an exceptional staff development/team building activity, book an Expedition for your teaching staff. Contact expedition@hmns.org.

**Discounts**

Science, math, and engineering classes or clubs in high school may qualify for a free Expedition, sponsored by the JSC Chapter of the NASA Alumni League. Contact expedition@hmns.org.
Located in a historic building in Sugar Land, our satellite campus is the perfect venue for a Field Trip.

Field Trips
The Museum is home to a full-size Science on a Sphere, a 2,000-gallon salt water fish aquarium, and an outdoor butterfly garden. The Permanent Exhibit Halls, featuring items from the HMNS collections, cover Earth, Life, Space, and Physical Sciences, along with Paleontology. Seasonal special exhibitions are also scheduled throughout the year.

Information about these programs and more may be found at hmns.org/sugarland.

Enhanced Experience
Customize your Field Trip by requesting an Enhanced Experience with a docent. Tap into the expertise of the National Oceanic and Atmospheric Administration (NOAA) through Science on a Sphere, an eight-foot wide suspended globe that displays hundreds of automated images of the solar system and our changing Earth. Students can also search the native Texas plants in the butterfly garden for caterpillars or chrysalises, schedule a hands-on experience in the Microscope Lab, explore secrets hidden under their feet in the Earth Science Hall, or participate in an exciting live Chemistry demonstration.

Science Labs and Field Trip Classes
Labs and Field Trip Classes are two unique additions to enhance your Field Trips at HMNS at Sugar Land. Students can learn topics from history to landforms and even take part in a lab dissection. A two-week notice is required to schedule all Science Labs and Field Trip Classes. Visit our web pages for additional information at hmns.org/sugarland.

Digital Dome Theatre
The full-dome action surrounds the audience in with shows for every age and learning objective. Students from Pre-K to young adult will expand their knowledge through the show you pre-select based on your curriculum needs. Offerings include Secret of the Cardboard Rocket, Earth’s Wild Ride, Dinosaur Prophecy, Dawn of the Space Age, Body Code, Black Holes, and many more.

The George Experience
This is the perfect Field Trip Package for getting your students outdoors and interacting with the environment while gaining knowledge in the areas of astronomy and problem solving! Students can rotate between an Expedition Center mission, astronomy class, Discovery Dome show, or a scavenger hunt through Creekfield Trail.

Science Labs and Field Trip Classes
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Diary Pit
Dig for dinosaur bones, just like a real paleontologist! Students ages 3-12 will enjoy grabbing the digging tool of their choice to uncover the skeleton of a Triceratops, one of the first of its kind found with its legs attached to its body.

Discovery Dome
Up to 20 students per showing
Our inflatable dome theatre is an exciting experience that offers stars, planets, dinosaurs, volcanoes, tornadoes, DNA, and much more! Each full-dome film or live presentation lasts 30 minutes, and you may choose several presentations in the same visit or combine a show with a tour, an astronomy class, or an Expedition Center mission.

For more information about the Expedition Center Programs, see page 23 in this planner.

Expedition Center Programs
In the Expedition Center Program, students become astronauts and mission controllers in our space simulation, flying missions to the Moon or to Mars. Students engage in an interactive learning environment where they are assigned a role that allows them to solve problems, work as a team, and experience real astronaut training.

For more information for the Expedition Center Programs, see page 23 in this planner.

Discovery Dome
Up to 20 students per showing
Our inflatable dome theatre is an exciting experience that offers stars, planets, dinosaurs, volcanoes, tornadoes, DNA, and much more! Each full-dome film or live presentation lasts 30 minutes, and you may choose several presentations in the same visit or combine a show with a tour, an astronomy class, or an Expedition Center mission.

For more information about the Expedition Center Programs, see page 23 in this planner.

Astronomy Classes
Up to 40 students per class
One-hour daytime astronomy classes include a tour of the George Observatory research telescope. Astronomy classes may be combined with an Expedition Center mission or a Discovery Dome show.

For additional information about our Astronomy Classes, please visit hmns.org/astronomy.

Stargazing Super-Session
Up to 30 students per class
Make the sky your classroom! Learn how to work a telescope and find objects in the night sky. Look through our 36-inch research-grade telescope, one of the largest in the U.S. regularly open to the public.

Weeknight evenings from 7:30-9:30 p.m.

Overnights at the George Observatory
Spend the night with us for a natural experience that’s out of this world! Tour the constellations and learn hands on about the Universe as you observe the night sky through our 36-inch telescope. Customize your overnight to include a guided hike around Creekfield Lake, a Discovery Dome show, and an Expedition to the Moon or Mars! Contact georgeobservatory@hmns.org for more information.

The George Experience
Located in beautiful Brazos Bend State Park, the George Observatory offers a wide array of activities. From the Expedition Center Program to Astronomy Classes, the Discovery Dome, School Stargazing sessions, Science Labs, and more! Be sure to keep track of what’s happening at hmns.org/georgeobservatory!

To learn more about the George Observatory, visit hmns.org/observatory.

Visit our web pages for additional information at hmns.org/sugarland.

The George Observatory
Located in beautiful Brazos Bend State Park, the George Observatory offers a wide array of activities. From the Expedition Center Program to Astronomy Classes, the Discovery Dome, School Stargazing sessions, Science Labs, and more! Be sure to keep track of what’s happening at hmns.org/georgeobservatory!
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- Daylight Saving Time begins
- Full Moon
- Purim begins at sundown
- Booking for summer
- Field Trips begins today!
- St. Patrick’s Day

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- Second Saturday for HMNS Members
- Physicist Albert Einstein’s Birthday
- Booking for summer Field Trips begins today!
- Spring begins

*Field Trip bookings are limited during Spring Break Weeks 3/7 - 3/22

WEEKDAY LABS - TOPICS
- Time Lab - Silk Road
- Wildlife Lab - Are You My Mother?
- Dissection Lab - Think About It

Daylight Saving Time begins
- Physicist Albert Einstein’s Birthday

Second Saturday for HMNS Members
APRIL 2020

Sunday | Monday | Tuesday | Wednesday
---|---|---|---
| | | 1 |
| | | April Fool’s Day |
5 | 6 | 7 | 8
| Palm Sunday | Full Moon | Passover begins at sundown |
12 | 13 | 14 | 15
| Easter |
19 | 20 | 21 | 22
| Eastern Orthodox Easter | Holocaust Remembrance Day (US) | Earth Day |
26 | 27 | 28 | 29

Thursday | Friday | Saturday | Notes
---|---|---|---
2 | 3 | 4 | ExxonMobil Educator Maker Labs: Podcasting in the Classroom
9 | 10 | 11 | Second Saturday for HMNS Members
16 | 17 | 18 |
19 | 20 | 21 | Holocaust Remembrance Day (US) | Earth Day
23 | 24 | 25 | Ramadan begins at sundown | Sensory Friendly Event | *Museum opens early
30 | | |

WEEKDAY LABS - TOPICS
Wildlife Lab - Bear with Me
Southwestern Energy Earth Science Lab - Soil Layers & the Dust Bowl
ConocoPhillips TechnoScience Lab - Falling Fast

Notes
### WEEKDAY LABS - TOPICS

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### Notes

- **30 May**: Armed Forces Day
- **1 May**: Second Saturday for HMNS Members
- **2 May**: The Science of Sports
- **8 May**: Full Moon
- **10 May**: Teacher’s Appreciation Week begins
- **15 May**: Armed Forces Day
- **21 May**: Second Saturday for HMNS Members
- **24 May**: Armed Forces Day
- **27 May**: Second Saturday for HMNS Members
- **29 May**: Armed Forces Day

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**EXTRA INFORMATION**

- **Eid al-Fitr begins at sundown**
- **Second Saturday for HMNS Members**
- **WEEKDAY LABS - TOPICS**
- **Wildlife Lab - Survey Says**
- **Southwestern Energy Earth Science Lab - Mass Extinction**
- **ConocoPhillips TechnoScience Lab - Pressure**

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**HOLIDAYS**

- **30 May**: Armed Forces Day
- **1 May**: Second Saturday for HMNS Members
- **8 May**: Full Moon
- **10 May**: Teacher’s Appreciation Week begins
- **14 May**: Armed Forces Day
- **15 May**: Armed Forces Day
- **21 May**: Second Saturday for HMNS Members
- **24 May**: Armed Forces Day
- **27 May**: Second Saturday for HMNS Members
- **29 May**: Armed Forces Day

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**SPECIAL EVENTS**

- **30 May**: Armed Forces Day
- **1 May**: Second Saturday for HMNS Members
- **8 May**: Full Moon
- **10 May**: Teacher’s Appreciation Week begins
- **14 May**: Armed Forces Day
- **15 May**: Armed Forces Day
- **21 May**: Second Saturday for HMNS Members
- **24 May**: Armed Forces Day
- **27 May**: Second Saturday for HMNS Members
- **29 May**: Armed Forces Day

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**MEMORIAL DAY**

- **27 May**: Armed Forces Day
- **30 May**: Armed Forces Day
- **1 May**: Second Saturday for HMNS Members
- **8 May**: Full Moon
- **10 May**: Teacher’s Appreciation Week begins
- **14 May**: Armed Forces Day
- **15 May**: Armed Forces Day
- **21 May**: Second Saturday for HMNS Members
- **24 May**: Armed Forces Day
- **27 May**: Second Saturday for HMNS Members
- **29 May**: Armed Forces Day

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**MAY 2020**

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Bring the Museum to you, with our exciting, hands-on Outreach Programs! These interactive programs will take over your classroom, covering a wide variety of topics from Paleontology to Chemistry to Ancient Egypt. Whether you teach kindergarten or high school, we can adapt our programs to fit your students. Most Outreach Programs include TEKS-aligned curriculum and all are tailored to grade-specific TEKS objectives.

**Bugs on Wheels**
*Presentation Time: 30 – 45 minutes each*
Fascinating, hands-on presentations led by Cockrell Butterfly Center staff members will introduce students to the wonderful world of plants, insects, and other arthropods, with live specimens from the Center’s collections. Topics include Amazing Arthropods, All About Butterflies, Awesome Arachnids, Cleanup Crew, Monarchs, The Buzz About Bees, and Plants and Pollinators.

**Discovery Dome**
*Presentation Time: 25 minutes each*
A portable, inflatable dome theatre brings stars, planets, dinosaurs, volcanoes, tornadoes, DNA, and much more to your school, offering over 40 full-dome immersive films and live presentations for grades Pre-K - 12! Schools can choose more than one showing and most shows are available in Spanish versions. Download a brochure with show descriptions and suggested grade levels at hmns.org/discoverydome.

**Earth Science on Wheels**
*Presentation Time: 30 – 45 minutes each*
From crystals to claws, and teeth to Triceratops skin, your students will be amazed by the wonders of Earth Science. Topics include Dinosaur Discovery, Dynamic Earth, Focus on Fossils, Know Your Rocks, Science Sort, Renewable is Doable!, and Water Cycle.

**ConocoPhillips Science on Stage**
*Presentation Time: 45 minutes each*
These large-group presentations explore physical science through exciting demonstrations, from discovering the effects of liquid nitrogen to seeing Newton’s Laws in action. Suitable for grades 2-12. Topics include Cool Chemistry, Exploring Energy, and Motion Commotion.

**Science Start**
*Presentation Time: 25 minutes each*
Hands-on, real-world activities focusing on inquiry and experimentation introduce students to fundamental objectives in an easy-to-grasp way, tailored to grades K-2. Topics include Body Works, Build It Big, Discovering Density, Space: Going The Distance!, and Sound Science.

**Wildlife on Wheels**
*Presentation Time: 30 – 45 minutes each*
Students can enjoy a live animal presentation while exploring the basics of animal life. Topics include Invertebrates (grades 2-12), Rainforests (grades 3-12), Reptiles & Amphibians (grades Pre-K-12), Texas Wildlife (grades 2-12), Venomous vs. Poisonous (grades 3-12), and Vertebrates (grades Pre-K-12).

**Docents to Go**
*Presentation Time: 45 minutes each*
A trained Museum docent will visit your school or organization with real Museum artifacts and specimens!

**Docent Tours**
To enhance your Field Trip, for an additional fee, school groups can get an exciting, interactive look at our Exhibit Halls by booking a docent tour! Enjoy a tour with specially-trained docents who may allow students to access touch carts and provide further knowledge regarding the Museum’s collections. Tours are available for each of the Permanent Exhibit Halls and last approximately 45 minutes. Docent Tours require one guide per every 10 people.

**Early Investigations (Grades K-5)**
Perfect for younger students. During this 1½ hour long program, students will handle real artifacts and specimens, take a tour in one of our Exhibit Halls, and participate in science activities!
For detailed class descriptions and capacity, visit hmns.org/earlyinvestigations.
SCIENCE LABS

Weekday Labs
Our labs allow students to examine ancient objects, investigate technology, meet live animals, or conduct scientific experiments depending on the lab booking. Each lab lasts one hour and includes admission to the Museum’s Permanent Exhibit Halls for lab participants on the day of your lab. Labs can accommodate up to 25 students and are held monthly at HMNS and select Thursdays and Fridays at HMNS at Sugar Land.

Themes include Time, Wildlife, Southwestern Energy Earth Science, Biology, ConocoPhillips TechnoScience, and Dissection.
Lab pricing can be found on page 3, and monthly lab topics are listed throughout the monthly calendar.

Labs on Demand
With over 200 labs to choose from, Labs on Demand allow you to delve deeper into challenging topics while matching your scope and sequence. Both our standard one-hour labs and our advanced two-hour labs can accommodate up to 25 students per session. Lab fees include admission to the Museum’s Permanent Exhibit Halls for lab participants on the day of your lab. A docent tour can be paired with your lab at an additional cost.

Topics include, but are not limited to, Chemistry, Force and Motion, Ancient Egypt, Cells, Paleontology, Organ and whole organism dissections. For more information, visit our website at hmns.org/lab.

Labs On Demand pricing can be found on page 3.

Labs On Demand Classes with Discovery Guide Tour
These classes are a behind-the-scenes educational Labs on Demand, using “Jurassic” James’ training classrooms and featuring a special Discovery Guide tour. All Jurassic James classes have limited availability.

Topics include, but are not limited to, The 10 Evidences of Plate Tectonics, Rocks and Minerals of Ancient Egypt, Fossilization Methods: How Fossils Form, and Prehistoric North America.

NOTE: Classes are designed to be two hours; however, class times can be adjusted to fit your needs. Teachers may request a more specific Paleontology or Geology focus by contacting us at educationquestions@hmns.org.

OTHER UNIQUE STUDENT PROGRAMS

Student Overnights at HMNS
After a fun-filled evening of hands-on activities, students settle down to spend a night at the Museum in the Exhibit Halls. Customize your Overnight by upgrading to include a science lab or on-site Outreach Program to create your own unforgettable Overnight adventure!

Student Late Nights at HMNS
Enjoy a Late Night at HMNS with your students! Complete an Exhibit Hall scavenger hunt, explore hands-on activities, and see a Burke Baker Planetarium show.

For more information about student Overnights or Late Nights, visit our website at hmns.org/overnights.

Scouts @ HMNS
Generously supported by Occidental
The Museum offers classes and activities at the Hermann Park, Sugar Land, and George Observatory locations that will assist Scouts BSA, Cub Scouts, and Girl Scouts of all ages in earning an array of Badges, Adventures, and patches.

Classes are offered on Saturdays during the school year. One-day classes the week of Spring Break and week-long programs are offered over the summer. Ask about Badges on Demand at scouts@hmns.org.

STEM/NovA Day at HMNS
Scouts@HMNS, generously supported by Occidental, is proud to host our fifth annual STEM/NovA Day for Wolves, Bears, Webelos, Scouts BSA, and their families! We’l have STEM Professional Booths available for Scouts to explore while working towards their Nova Award. Afternoon classes will be available to complete the required Adventures for both Nova Awards. Scouts and families should check-in to access discounted Museum pricing and to learn which requirements they can meet!

GEMS 2020
Generously supported by BMC Software and Phillips 66
Join us for our annual Girls Exploring Math and Science open house-style event, where students and families can learn about science, technology, engineering, and math.

Students can also explore careers in fields related to these engaging STEM topics.

Local professionals will be on hand to answer questions about their careers in STEM fields, providing a great opportunity for families to get involved and encourage students to excel in math and science to reach their career goals. For more information on attending GEMS 2020, please visit our website at hmns.org/gems.

Students interested in STEM can become Student STEM Ambassadors and win cash prizes for their school’s science lab or math club! Present a project during the event for a chance to win!

Email gems@hmns.org for questions or more information on the application process.

Summer Camps @ HMNS
Summer Camps @ HMNS offer experiences for kids ages 6-12. Parents can choose from a variety of camp topics, sure to please any young scientist. From paleontology to robotics, art to literature, and pets to medieval madness, every young thinker will be challenged!

For a full list of camp offerings, visit our website at hmns.org/summercamp during the spring of 2020.
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- **Flag Day**
- **Father's Day**
- **Full Moon**
- **D-Day**
- **Second Saturday for HMNS Members**
- **Summer begins**
- **GIFTED AND TALENTED WORKSHOPS**
  - June 2, 4, 8, 10, 12, 15, 17, 19, 22, 24, 26, and 29
### JULY 2020

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*On This Day at HMNS: The Cockrell Butterfly Center opened in 1994*

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*Independence Day Full Moon*

*Second Saturday for HMNS Members*

- **Eid al-Adha begins at sundown**
- **Independence Day**
- **Full Moon**
- **Biologist Rosalind Franklin’s Birthday**
- **Summer Olympics 2020 Begins**
- **GIFTED AND TALENTED WORKSHOPS**
  - July 27, 29, and 31
### AUGUST 2020

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**Notes:**
- Full Moon

### AUGUST 2020

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<th>Thursday</th>
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<td>Second Saturday for HMNS Members</td>
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<td>First of Muharram begins at sundown</td>
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**Notes:**
- Booking for fall Field Trips begins today!

**GIFTED AND TALENTED WORKSHOPS**
- August 3 and 5
Shell Educators’ Preview

Free for Educators
Join us twice a year and earn 1 hour of CPE credit during a VIP evening just for educators! Evenings include parking, light refreshments, discounted rates for guests, and a preview of our newest show.

For the latest information, subscribe to our monthly Educator e-blast at educationquestions@hmns.org.

Gifted and Talented Staff Development

Differentiation with the Museum
Participants will participate in hands-on, interactive activities available for immediate implementation. At the end of the session, educators will earn 6 hours of credit toward the completion of the state-mandated 30 hours of G/T teacher training OR a 6-hour update credit for those who have completed their 30 hours.

Summer GT dates are listed throughout the monthly calendar. Early bird registration begins January 6, 2020. For more information, visit hmns.org/GT.

ExxonMobil Educator Maker Labs

ExxonMobil Educator Maker Labs engage learners in open-ended activities that naturally encourage high-level learning, cooperation, and problem-solving. Participants receive 4 hours of CPE credit and a kit of materials.

Program dates are listed throughout the monthly calendar. For a list of 2019-2020 topics, visit hmns.org/workshops.

The Educator Event @HMNS

Free for Educators
The Educator Event @HMNS is a conference-style event where you can learn about the incredible educational opportunities provided by local museums, educational nonprofits, and organizations. Earn 3 hours of CPE credit by attending this event open to all Houston-area educators. Registration begins in September!

For more information, visit hmns.org/EducatorEvent.

Excellence in Science Teaching Awards and Student Scholarships

Each year teachers and students in the Houston area are recognized for their exemplary work in the fields of math and science. Annual awards of $2,000 are given to two teachers and two students.

Please visit hmns.org/education for more information.

Educator Membership

HMNS has created special discounted prices for Educators wishing to become a Member. Memberships help support our educational programs and provide discounted rates. Enjoy all the perks of an HMNS membership along with educator-specific benefits! For more information, visit hmns.org/educator-memberships.

Second Saturdays

One of the added benefits of being a HMNS Member is our family programming! On the second Saturday of each month, at our main location in Hermann Park, HMNS will open one hour early at 8:00 a.m. for members only. Enjoy discounted ticket pricing, arts & crafts, touch carts, and guided tours. For more information, visit hmns.org/second-saturdays.

The Houston Museum of Natural Science is exceptionally grateful to the following 2019 Partners in Science, whose annual contributions advance our mission to provide world-class exhibitions and science education programming.

The Brown Foundation, Inc.
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The Hamill Foundation
Aramco
ConocoPhillips
The W.T. and Louise J. Moran Foundation
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Exxon Mobil Corporation
Apache Corporation
Occidental
Powell Foundation
Shell Oil Company
MD Anderson Foundation
The Harry W. Bass, Jr. Foundation
Andrew Delaney Foundation
Marathon Oil Corporation
Vivian L. Smith Foundation
BMC Software
CFP Foundation
The George Foundation
Frost Bank

Harry S. and Isabel C. Cameron Foundation
CenterPoint Energy
The Crain Foundation
Ecolab Foundation/Nalco
William E. and Natoma Pyle Harvey
Charitable Trust

HEB Tournament of Champions
LyondellBasell
Methodist Sugar Land Hospital
Palmer Foundation
Fred and Mabel R. Parks Foundation

Engineers’ Council of Houston
Junior League of Houston, Inc.
The Tapeats Fund
Kinder Morgan Foundation
Morgan Stanley