

The
Health
Museum

JOHN P. MCGOVERN MUSEUM OF
HEALTH & MEDICAL SCIENCE

CREATIVE
THINKING

FIELD TRIP GUIDE 2024-2025



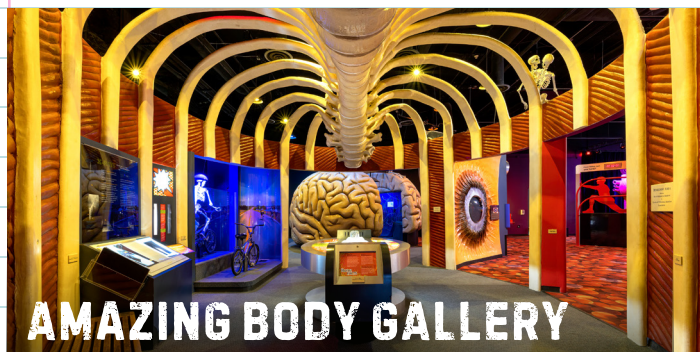
TOUR MUSEUM EXHIBITS

STANDARD COST

\$8/STUDENT

Title I discount \$5/student

PERMANENT EXHIBITS



AMAZING BODY GALLERY

Explore the science of health and the human body with interactive kiosks and larger-than-life models of human organs, including a giant beating heart! This exhibit is a great way for students to learn about body systems.



BRAIN TEASERS

Time to flex some mental muscle! This guest-favorite features a collection of hands-on puzzles designed to develop problem-solving skills while providing plenty of fun.

TRAVELING EXHIBITS

FALL 2024 SEMESTER



**MINDWORKS:
U.S. PREMIERE**

Rooted in psychology, MindWorks brings mental processes like decision-making, memory, and emotions to life through colorful, playful, and fun hands-on exhibits. Explore why you think, feel, and react the way you do, and uncover the remarkable power of your mind.

SPRING 2025 SEMESTER



**RECLAIMED
CREATIONS/
PLASTIC**

Explore the incredible sculptures that artist Sayaka Ganz created from discarded plastic while learning about the science of plastic and its impact on our world! A great way to bring the new science TEKS to life.

SPRING 2025 SEMESTER



BODY WORLDS

Designed specifically for The Health Museum's gallery, this captivating exhibition showcases real human specimens preserved through plastination and focused on health and well-being. Discover the beauty of anatomy and gain an understanding of what makes us human!

Specimens on display are from the Institute for Plastination body donation program.

ADD-ONS | ORGAN DISSECTIONS



Take a seat inside the McGovern theater and follow a live dissection of a cow eye or a sheep heart performed by one of the Museum science educators.

Each demonstration hosts up to 120 students.

FOR ALL AGES

45 MINS

\$50/SESSION



Under the guidance of a science educator, students will learn about the structure and function of major organs, while getting an up-close look at some very unique animal adaptations.

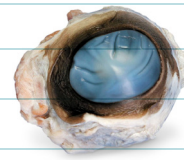
PK-12TH GRADE

45 MINS

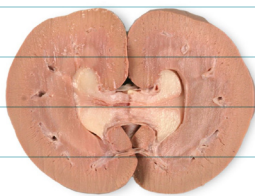
ORGAN CHOICES



DIY OWL PELLET
FOR PK-3RD GRADE
\$6/STUDENT



DIY COW EYE
3RD-12TH GRADE
\$8/STUDENT



DIY SHEEP KIDNEY
6TH-12TH GRADE
\$12/STUDENT



DIY SHEEP HEART
6TH-12TH GRADE
\$12/STUDENT

ADD-ONS | DISCOVERY LABS

FOR 5TH-12TH GRADE

60 MINS

\$8-\$10 PER STUDENT



CLINICAL CASE LABS



SKILLS LABS

BRAIN & VAPING ADDICTION

In this session, we dive deep into the brain's response to nicotine and the science behind vaping addiction. Explore how brain cells are affected by vaping, and learn what makes it so hard to quit.

MYSTERIES OF THE CARDIOVASCULAR & RESPIRATORY SYSTEM

This unique program invites participants to dive deep into the intricacies of the cardiovascular and respiratory systems through a captivating case study. Students will also have the opportunity to interact with our Synthetic Cadaver, enhancing their hands-on learning experience.

CELLS & MITOSIS

Learn mitotic stages, examine them under a microscope, and prepare slides from real cell samples. Observe and identify mitosis phases with educator guidance. Engage in interactive discussions to deepen your understanding and share your findings. Perfect for anyone eager to explore the microscopic world of cell biology!

CPR LAB*

This class equips students with essential knowledge and skills in cardiopulmonary resuscitation skills (commonly known as CPR). Students will be taught a fundamental understanding of the human heart, basic cardiovascular information, and the ability to confidently perform chest compressions.

*Please note that the CPR Lab is not a certified CPR class but focuses on teaching chest compressions and basic CPR techniques to foster confidence and interest in emergency situations.

SUTURING LAB

This experience introduces the skin's vital role and the importance of wound closure. Students will handle various suturing instruments, understand different suture materials, and master suturing techniques tailored to different wound types and locations.

SPLINTING LAB

Explore the art and science of splinting. In this lab, students will learn to assess injuries involving bones and joints, and understand how immobilization aids the healing process. They will also create a custom splint to stabilize and protect injured bones.

ADD-ONS | DEBAKEY CELL LAB

20-40 MINS
\$5/STUDENT

GEAR UP WITH A LAB COAT, GLOVES, AND GOGGLES. TRAVEL THROUGH EXPERIMENT STATIONS THAT GET YOU UP CLOSE AND PERSONAL WITH CELLULAR BIOLOGY.

Named after Dr. Michael E. DeBakey, this interactive bilingual lab experience is designed to make biology-based science experiments accessible to the public and inspire future scientists and science-lab leaders in the medical field.

Experiments are available in English & Spanish. Labs and classes align with the state and national standards in Science, Technology, Engineering, Art, and Math (STEAM) content.



- ✓ FOR GRADES 2ND & UP DUE TO THE COMPLEXITY OF THE EXPERIMENTS
- ✓ ALL GROUPS MUST BE ACCOMPANIED BY AN ADULT CHAPERON
- ✓ 2 EXPERIMENTS PER VISIT



Grades 2nd & up

DNA EXTRACTION

15-20 min

See long, stringy DNA strands after breaking down cell membranes of a wheat germ.



CHEEK CELLS

15-20 min

Stain and examine a small sample of your cheek cells under a microscope.

Grades 4th & up

EXAMINING BLOOD

30 min

Make, stain, and look at a sheep blood smear through a microscope to appreciate different types of blood cells, RBCs, WBCs, and platelets (with human blood smear samples in the lab).

ANTIMICROBIAL AGENTS

20-25 min

Determine which common antimicrobial products are the most effective in killing bacteria.



Grades 8th & up

MYSTERY MICROBES

30-45 min

Identify living bacteria cultures using chemical tests, stains, and a microscope.



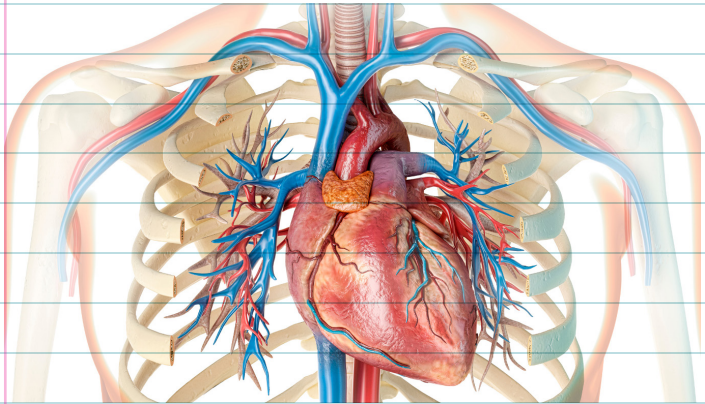
GIANT CHROMOSOMES

40 min

Stain DNA, learn to examine the DNA in tightly packed chromosomes under a microscope.

ADD-ONS | HEALTH ADVENTURE EARLY CHILDHOOD CLASSES

FOR PK-3RD GRADE
30-45 MINS
\$3-\$5/STUDENT



HEALTHY HABITS

Healthy Habits is an engaging and interactive hands-on class designed to empower children with essential skills for lifelong well-being. Through creative arts and craft activities, students will learn how physical fitness and nutrition play a part in maintaining a healthy body.

SQUEAKY CLEAN

In this fun, interactive hands-on class designed exclusively for young learners, the focus is aimed at instilling the importance of good hygiene habits. Students will learn how to develop routines that promote good health and hygiene!

BUSY BODIES

Go on a wild ride inside and out to discover the secrets of the amazing human anatomy, from your brain's brilliance to your heart's rhythmic dance, uncover the mysteries that keep your body bustling 24/7.

THE POOP-TASTIC ADVENTURE

Get ready for some sassy science, and talk human poop, animal poop, and how we can keep our digestive systems healthy. Learn fun scientific facts while making poop slime!


THINGS TO KNOW

- We recommend that you book your trip at least 20 days in advance
- A \$50 non-refundable deposit is required upon booking
- Title I schools will need to provide LEA ID and campus number on the reservation form
- The museum requires a ratio of 1 chaperone per every 10 students. Required chaperones will be admitted free of charge and each additional chaperone is \$8 per person
- Add-on labs & classes are facilitated by a museum science educator and subject to educator availability
- Labs & classes at The Health Museum align to the state and national standards in Science, Technology, Engineering, Art, and Math (STEAM) content

BOOK YOUR FIELD TRIP

Please contact us at

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