The Health Museum

JOHN P MCGOVERN MUSEUM OF HEALTH & MEDICAL SCIENCE

# FIELD TRIP GUIDE
# FALL 2026-SPRING 2027









# 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.

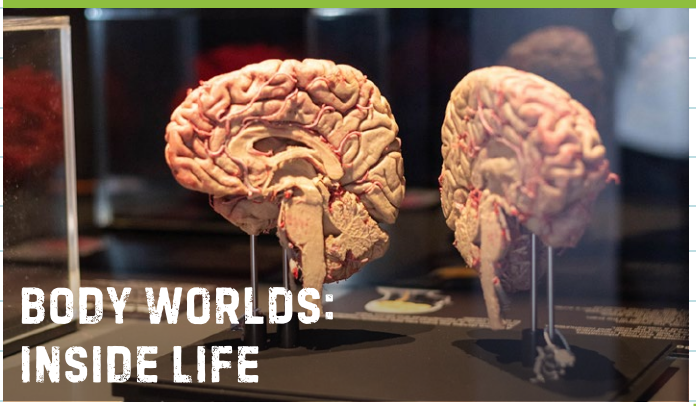


### BRAIN TEASERS

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

## SPECIAL EXHIBITS



### BODY WORLDS: INSIDE LIFE

*Body Worlds* returns with *Inside Life*, an all-new exhibition. Students will explore the body's hidden systems through real human specimens preserved using plastination. Discover the biology behind every breath, heartbeat, and movement. See your body differently. Live healthier.

### Sensing Sound

A PERCEPTION BOX EXPERIENCE

Opens Nov. 21, 2026

Turn a field trip into a hands-on investigation of how sound works and why we experience it differently. Students can explore vibration, test auditory illusions, experiment with voice, and discover connections between sound, the body, the brain, memory, and emotion across five sensory zones designed to spark curiosity and discussion.



1515 Hermann Dr., Houston, TX 77004
reservations@thehealthmuseum.org
713-337-8451

# ADD-ONS | ORGAN DISSECTIONS



## LIVE DISSECTION DEMONSTRATIONS

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 125 attendees.

**FOR ALL AGES**
45 MINS
$50/SESSION



## DIY DISSECTION

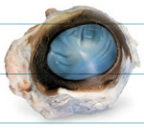
Under the guidance of a science educator, students will learn about the structure and function of major organs, with an up-close look at the unique animal adaptations.

**PK-12TH GRADE**
45 MINS · 10-30 STUDENTS

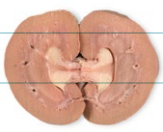
## ORGAN DISSECTION CHOICES



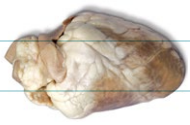
DIY OWL PELLET
PK-3RD GRADE
$6/STUDENT



DIY COW EYE
5TH-12TH GRADE
$8/STUDENT



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



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

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# ADD-ONS | DEBAKEY CELL LAB

GET UP CLOSE AND PERSONAL WITH CELLS IN THE DEBAKEY CELL LAB. STUDENTS SUIT UP WITH LAB COATS, GLOVES, AND GOGGLES AND EXPERIMENT WITH A VARIETY OF LAB TECHNIQUES AND LAB EQUIPMENT.

All lab experiments are available in English and Spanish. Seating for each experiment is limited. Every student will not be able to perform the same experiment. Experiment availability and timing are up to the discretion of The Health Museum staff.



- ☑ STUDENTS MUST BE ACCOMPANIED BY AN ADULT CHAPERON
- ☑ PLEASE SELECT UP TO TWO EXPERIMENTS PER VISIT

5th-12th GRADE
30 MINS · $5/STUDENT
15 student minimum for exclusive use of the lab

## DNA DISCOVERY

Extract long, stringy DNA strands and learn its role in coding for life.

## CHEEK CELLS

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

## BLOOD TYPING

Test, observe, and discover different blood types.

## TESTING ANTIMICROBIAL

Determine which common antimicrobial product is most effective in killing bacteria.

## MYSTERY MICROBES

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

## LOOKING AT BLOOD CELLS

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).



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# ADD-ONS | DEBAKEY CELL LAB ANNEX

DEBAKEY CELL LAB ANNEX IS AN EXTENSION OF THE LAB WHERE ALL STUDENTS CAN PARTICIPATE IN THE SAME EXPERIMENT IN GROUPS. STUDENTS SUIT UP WITH LAB COATS, GLOVES, AND GOGGLES.

Experiment availability and timing are up to the discretion of The Health Museum staff.



- ☑ STUDENTS MUST BE ACCOMPANIED BY AN ADULT CHAPERON
- ☑ PLEASE SELECT ONE EXPERIMENTS PER VISIT

2nd-12th GRADE
30 MINS · $5/STUDENT

2nd-12th GRADE

## DNA DISCOVERY

Extract long, stringy DNA strands and learn its role in coding for life.

## TYPING RED

Test, observe, and discover different blood types.

## MOLECULES ON THE MOVE

Observe the molecules in motion across the membrane, the key to how cells work.





**Note: This experiment is a part of the ASSET program funded by the NIH SEPA grant.*

5th-12th GRADE

## PEE-KA-BOO

Become a pee detective! Analyze synthetic urine samples to uncover how kidneys help you keep a healthy body.

## ENZYME IN ACTION

Become an enzyme explorer! See how lactase breaks down milk sugar in action!

## WHODUNIT

Gel electrophoresis in action—investigate a crime and learn about the most common lab technique.

## CELL MUNCHING*

Observe phagocytosis—also called “cell eating”—by studying the protozoan Tetrahymena. They’ll see how these single-celled organisms take in food particles, giving them a close-up look at one of the ways cells survive and function.

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# ADD-ONS | DISCOVERY LABS

FOR 5TH-12TH GRADE
45 MINS







## BRAIN, DRUGS & ADDICTION

In this session, we explore how drugs affect the brain and the science behind addiction. Discover how substances influence brain cells, behavior, and decision-making, and learn why addiction can develop and what makes it difficult to overcome.

## MYSTERIES OF THE CARDIOVASCULAR AND RESPIRATORY SYSTEM

Dive deep into the intricacies of the cardiovascular and respiratory systems through a captivating case study.

## YOUR BODY & THE POWER OF NUTRITION

Students investigate how food fuels the body, practice reading food labels to make informed choices, and explore how the brain's reward system influences cravings.

## AMAZING ANATOMY LAB

Step inside the Amazing Anatomy Lab for a guided exploration of a life-sized synthetic cadaver. Students examine major organs and anatomical structures while discovering how the body's systems are connected and work together to keep us alive.

## 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.



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# ADD-ONS | HEALTH ADVENTURE EARLY CHILDHOOD CLASSES

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






## 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.

## SQUEAKY CLEAN

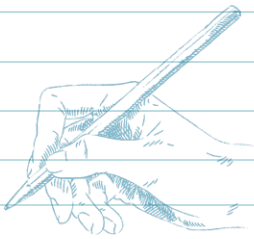
In this fun, interactive hands-on class designed exclusively for young learners, the focus is aimed at instilling the importance of good hygiene habits. Students will learn how to develop routines that promote good health and hygiene!

## 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!

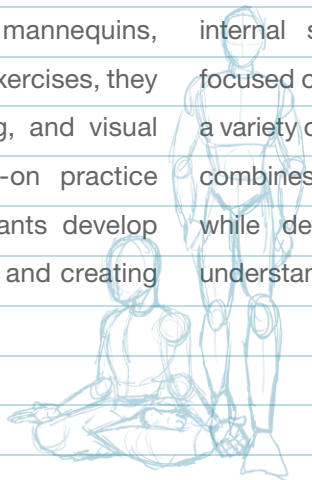
# HEALING ARTS

45 MINS
$6/STUDENT



### FOR 6TH-12TH GRADE

Explore the human form through observational drawing inspired by Leonardo da Vinci. Using mannequins, reference images, and guided sketching exercises, they learn body proportions, gesture drawing, and visual perception techniques. Through hands-on practice with a variety of art materials, participants develop strategies for simplifying complex figures and creating expressive figure drawings.



### FOR 9TH-12TH GRADE

In this intensive session, students will explore the body's internal systems through guided drawing activities focused on organs like the heart, lungs, and brain. Using a variety of art materials, they create layered artwork that combines external appearance with internal anatomy while developing observation skills and a deeper understanding of how structure supports function.

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## WHAT TO KNOW BEFORE YOU BOOK

- We recommend that you book your trip at least 4 weeks in advance
- A $50 non-refundable deposit is required once your field trip is confirmed by the museum
- 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
- Ready to book? Submit a field trip reservation form on **thehealthmuseum.org/programs/field-trip**

## BOOK YOUR FIELD TRIP

Please contact us at

**reservations@thehealthmuseum.org**

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