

LET'S BE PARTNERS IN

STEM



ENGAGE

INSPIRE

HERE, THERE, AND EVERYWHERE...



MUSEUM COMES TO YOU
OUTREACH LABS
STEM STATIONS



VISIT MUSEUM
FIELD TRIP
SCHOOL-WIDE FAMILY NIGHT



OUTREACH PROGRAMS BRING THE MUSEUM TO YOU!

Are you looking for an interactive STEM activity for your next event? Look no further than the Terre Haute Children's Museum. Our outreach programs **come to your location** and make science come alive.

For more information, please visit thchildrensmuseum.com/education2/outreach or for questions email outreach@terrehautechildrensmuseum.com.



OUTREACH LABS

- For up to 30 students in PreK-5th grades in a classroom setting.
- STEM lessons provide the WOW and inspiration to start a unit or can conclude a unit by engaging students in a fun hands-on experience.
- Students actively engage in science or engineering practices during the 45-60 minute program.
- Cost is \$170 per session. Discounts are available for multiple sessions.
- Outreach events outside of Vigo County are subject to a transportation fee.

OUTREACH LAB TOPICS



ASTRONAUT ADVENTURE

Become a NASA astronaut by going through official training!

CRAZY COASTERS

Explore force and motion as you work in teams to build a roller coaster.

GRAVITY'S GRASP

Give gravity a whirl as we demonstrate how it affects orbiting planets, stars, and other space objects.

GROSS SCIENCE

Let's get gross and explore the inner workings of our bodies, from runny noses to digestion.

SIMPLE MACHINES ON STAGE

Use models of simple machines and teamwork to solve staging challenges.

WIND

This Leap into Science wind workshop invites children to experiment with air and explore the ways that an invisible substance can produce visible effects.



OUTREACH PROGRAMS BRING THE MUSEUM TO YOU!



STEM STATIONS

- For all ages.
- 1 - hour event where kids DO science!
- Choose from hands-on science activities for a small group or large event.
- Participants flow from one activity to another, spending 5-10 minutes at each.
- THCM staff members facilitate up to three stations and train your volunteers to lead additional stations.
- Cost is \$90 for the first station for one hour, \$170 for two stations for one hour, and \$25 for each additional station. Additional hours can be added for \$25 each.
- Outreach events outside of Vigo County are subject to a transportation fee.



STEM STATION TOPICS

BOTTLELESS WATER

Can you hold water in your hand? Learn how to be eco-friendly while satisfying your thirst.

CARDBOARD CONSTRUCTIONS

Use Make-do tools and intentionally limited supplies to engineer your own cardboard models and creations to an agreed upon theme.

CATAPULTS

Levers and fulcrums work together to send small bags flying.

EXPLODING BAGS

Create colorful mini-explosions with baking soda and vinegar.

GEOMETRIC BUBBLES

Use Zometools to make two-dimensional bubble shapes, or even experiment with 3-D bubbles.

INSECT MOVES

Roll the dice and move like a fly avoiding a spider's web, sit still on a branch like a walking stick, dung beetle or three other insects.

MAKEY-MAKEY CIRCUITS

Use these circuit boards to pass electricity through food, yourself, and everyday objects to find out how to complete a circuit.

MARBLE ROLLER COASTERS

Discover how energy and forces work in roller coasters.

OOBLECK

Is it a liquid or a solid? Experiment to see what sinks or floats in this amazing goo.

POWER OF AIR

Use a Magdeburg sphere and suction cups to learn how air is stronger than you and that suction cups don't suck.

SOYBEAN NECKLACES

Create a necklace that grows before your eyes.

TORNADO TOWERS

Can you build a tower to withstand gale-force winds provided by an air cannon?

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WE HAVE A **FIELD TRIP** TO MEET YOUR NEEDS!

Visit the museum! Bring a group to the Terre Haute Children's Museum for a day of creation, learning, and fun in a science and technology atmosphere! To schedule a field trip at the museum, please visit thchildrensmuseum.com/visit/field-trips. For questions, contact Tess Jacks-Grindle at tjacks@terrehautechildrensmuseum.com.

SELF-EXPLORATION

- 2 hours of exploring the museum for students in PreK-2nd grades.
- Cost is \$6/student; \$3/chaperone; and teachers/school staff are free.
- Available for groups of 15 or more total students with 1 adult per 5 children.
- Payment must be made in one transaction. We accept cash, check or credit card.
- Tuesday through Friday beginning at 9 a.m. and are scheduled up to every 30 minutes thereafter.

FIELD TRIP EXPLORATION LABS

- Available to all groups, required for students 3rd grade or older.
- Museum staff leads a 45-minute STEM lesson with opportunities to play in the museum for 1 hour.
- You choose the topics (see below) for the labs. Lessons align with state standards and science practices.
- For groups of 15 or more students. Chaperones are \$3 each and teachers/school staff are free. Prices for students varies from \$7-\$9.
- Labs are conducted Tuesday through Friday.
- On a Friday during the school year, you may add a visit to the Ropes Challenge Course for students who are at least 48" tall. The cost is an additional \$7/person (adults and children).

FIELD TRIP EXPLORATION LAB TOPICS

BALANCE

By understanding and manipulating balance, even an egg can stand on its small end in this Leap Into Science workshop that pairs well with our Ropes Challenge Course.

COCKROACH MAZES

Combine your love of design and insect behavior in this interactive lab.

MATTER MATTERS

Students challenge their ideas about solids and liquids as they make oobleck and explore density.

SHAPING PLANETS

Students explore some of the processes that shape our planet and other objects in the solar system.



SCHOOL-WIDE FAMILY NIGHTS

Plan a playful night at the museum for all your families. Choose from reduced admission of \$4/person or use it as a fundraiser and split the \$8 admission price with the museum. The museum may be open to the public, but your families will be the majority of the people in the building. It is a great time for children to play together and for parents to mingle or to play with their children creating family memories. Families may purchase tickets for the Ropes Challenge Course, as an add-on. (Must be over 42" tall. See all policies and pricing at <http://thchildrensmuseum.com/ropeschallengecourse/>) To schedule a Family Night visit: thchildrensmuseum.com/familynight.

For questions, contact Jamie at jmcdowell@terrehautechildrensmuseum.com.