

SPRING 2026
EDUCATOR
RESOURCES

MOST*



Education Sponsor





MILTON J. RUBENSTEIN MUSEUM OF SCIENCE & TECHNOLOGY

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Experience all the MOST has to offer with your students this school year!

- Check out our new field trip programs at the museum, including activities in our popular exhibits like GROW!
- Engage students right in their own classrooms with one of our traveling educational programs that comes to your school with exciting and hands-on discovery sessions that are sure to be a hit.
- Get kids excited about STEM with our 5 popular STEM Challenges.
- Book a film or planetarium show in the National Grid ExploraDome and immerse students in an incredible giant screen experience.



DINO ZONE



M&T Bank

COMING IN JUNE!

Our renovated Dino Zone exhibit debuts this summer, with new interactive features where students can explore paleontology and geologic history. Meet giant creatures of the past as you explore the history of our planet and the reign of the dinosaurs. Piece together fossils at the Dig Site, climb among the Triceratops, and visit with T. rex! Plus, find out more about the plants and wildlife of the Cretaceous Period, analyze geologic specimens, and check out real fossils from the MOST collection.

AT THE MOST*

FIELD TRIPS

Available 7 days a week! Includes full exhibit access, including Science Playhouse and STEAM Café eating area.

- › \$5 per student (10 students minimum)
- › Free for NYS teachers and personal aides
- › \$5 per additional adult chaperone/parent

ADD-ONS EXHIBIT WORKSHOPS

Guided programs for hands-on exploration and experimentation in museum exhibits, facilitated by MOST educators and staff.

- › \$150 per session
- › Activities run approximately 35–40 minutes

NATIONAL GRID EXPLORADOME SHOWS

Experience a live planetarium show led by a science educator or watch a documentary film in our state-of-the-art domed theatre.

- › \$5 per person
- › Shows run 20–30 minutes

AT SCHOOL

DISCOVERY SESSIONS

If a field trip to the museum isn't an option, give your students the excitement and fun of experiential learning with a MOST science educator right in your own school! The museum comes to you with one of our engaging in-school Discovery Sessions that can be performed in a classroom or auditorium.

- › \$250 per session plus standard mileage rate for travel from the MOST to your location (\$200 each if booking 2 or more sessions)
- › Demonstrations run approximately 30–40 minutes



Schedule
online at
most.org/learn

Questions? Contact Jen Noble at
jnoble@most.org or
(315) 425-9068 ext 2144

EDUCATOR EXHIBIT GUIDES

Download PDF exhibit guides with curriculum connections and companion activities for P-12 students to plan and prepare your visit.



View full descriptions online at most.org/exhibit-guides













IN-MUSEUM EXHIBIT WORKSHOPS

Exhibit Workshops are hands-on educational activities delivered in the museum for groups of up to 25 students. They run approximately 35–40 minutes. \$150 per workshop.

View full descriptions online at most.org/workshops-sessions



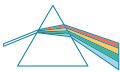




GRADES	SESSION	OVERVIEW
All Ages	Assisted Museum Tour	 Join a MOST educator on a guided exploration of exhibits and interactive experiences! The educator describes exhibit highlights and how-to's and offers extra support.
K–2	Coding Basics <i>in DECONSTRUCTED</i>	 Explore the basics of coding with this introduction to the principles of programming.
K–2	Fun with Forces <i>in BUILD</i>	 A MOST educator leads students through large-scale demonstrations of basic forces like push, pull, and gravity using giant blocks, ramps, and balls.
K–2	Predict & Prepare <i>on the Weather Adventure Path</i>	 Prediction activities, a weather sensory path, and a weather reporting station with green screen engage students in weather forecasting.
K–5	Exploring Plants <i>in GROW</i>	 Students follow along with a MOST educator at the Stages of Plant Growth station to act out how plants use their parts to fulfill their basic needs.
3–5	Digging into Earth's History <i>in the Dino Zone</i>	 Learn what fossils can teach us, how fossil records demonstrate changes in landscapes over time, and how adaptations supported animal survival.
3–5	Chips & Circuits <i>in DECONSTRUCTED</i>	 Explore the basics of circuits and computer chips, and discover the secrets behind the what powers the technologies you use every day.
4–8	Private Planetarium Experience <i>in the National Grid ExploraDome</i>	 Book a private planetarium show led by a MOST educator in our giant-screen domed theatre.
4–8	Rock & Mineral Hunt <i>in the Gem & Mineral Gallery and Earth Science Discovery Cave</i>	 Students learn how Earth's processes impact the formation of different kinds of rocks and are introduced to topography.
6–8	Making Waves <i>in the Telecommunications Lab</i>	 Explore the technological history of communication across distances, from visual telegraphy to wireless.

AT-SCHOOL DISCOVERY SESSIONS

Discovery Sessions are performance-style programs best for seated audiences in a classroom or auditorium. Demonstrations run approximately 30–40 minutes. \$250 per session + mileage.

View full descriptions online at most.org/workshops-sessions



GRADES	SESSION	OVERVIEW
K-2	Color Lab	 <p>Play with prisms, learn about lasers, and explore the science of color in this live science demonstration.</p>
3-5	Travel Adventure: Physics and Forces	 <p>Planes, trains, and submarines—oh my! Explore the solutions that humans have engineered to navigate their adventures, from air and steam travel to underwater exploration.</p>
3-5	Explosion Explorers: Chemistry	 <p>Engage your students' curiosity about chemicals and chemical reactions as they experience popular chemical reactions in this exciting lab session.</p>
4-8	WORKFORCE DISCOVERY*	 <p>Explore STEM careers through hands-on activities, features on specific careers, and a project-based exploration of the engineering design process. Select from the following topics:</p> <hr/> <p>Construction & Civil Engineering</p> <hr/> <p>Mechanical Engineering, Manufacturing, & Energy</p> <hr/> <p>Electrical and Computer Engineering, Cybersecurity, & IT</p> <hr/> <p>Physics & Aerospace/Aviation</p> <hr/> <p>Environmental Science/Engineering, Climate, Agriculture, and Natural Resources</p>
6-8	All Together Now: The Systems of the Human Body	 <p>Learn about the human body by exploring the different systems within it. Discover the main purposes of each system and the ways they interact, allowing us to accomplish the amazing things we do every day.</p>

ENGINEERING DESIGN CHALLENGES

Free design challenge events are open to all Central New York students in grades 4–12, with materials provided by the MOST.

Need support introducing the design challenge or the engineering design process to your students? A MOST educator can come to you! Contact us at eventcoordinator@most.org to book a free support session (*1 per STEM Challenge, per group—subject to staff availability*).

STEM:CHALLENGES

Register teams for free and pick up your materials kit at the MOST.
most.org/stem-challenges



Catapult Challenge

October 2026

A design challenge in mechanical engineering, students design, prototype, and refine a catapult using simple items like popsicle sticks and rubber bands. Catapults are tested for distance and accuracy, and students are interviewed on their knowledge of the physics behind a catapult.



Bridges Challenge

November 2026

Participants construct truss bridges from balsa wood and glue provided by the MOST and compete to have the highest efficiency rating.



Robotics Challenge

January 2027

This computer engineering challenge is an opportunity for students to use the engineering design process to solve real-world challenges using basic microcontrollers, sensors, switches, and more.



CNY Science & Engineering Fair

March 2027

A regional affiliate of the International Science & Engineering Fair, the event encourages students to design a STEM project, conduct an experiment or build a prototype, and prepare a report on their findings.



Rocket Team Challenge

May/June 2027

Teams construct and design rockets using kits from the MOST and are scored on their STEM knowledge, rocketry calculations, and rocket performance. Takes place at Jamesville Beach Park.



nationalgrid

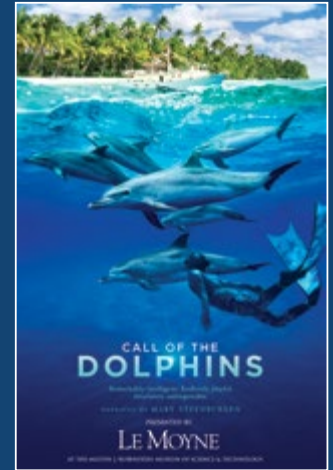
ExploraDome

ADD A GIANT SCREEN MOVIE EXPERIENCE

Give your students an incredible immersive viewing experience with a National Grid ExploraDome show.

Just \$5 per person add-on

PLAYING IN 2026



HAVE THE BEST FIELD TRIP OF THE YEAR!



“ This was an amazing field trip. One of the best I think I've been on in 10 years of teaching. The activities were high interest and the students loved them. It was very well organized and the MOST staff managed the students very well. ”

“ This was by far the best field trip we have attended in years...We are so pleased by everything you guys did for us. The students were engaged the entire time! ”



MOST*

View this brochure online at
most.org/learn



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