NEW! Quick Start with a Sample Trip Schedule  page 5
BODY WORLDS & The Cycle of Life  page 6
Save Money on Your Field Trip  page 18
The Museum of Science believes in the potential of every student.

Through fun STEM-rich exhibits and exciting live presentations and activities, students develop a love of learning beyond the classroom walls. Fuel your students’ natural curiosity and allow them to think like scientists and engineers on a field trip to the Museum of Science!

Read on to learn how to customize a field trip that fits your curriculum, interests, and budget today.
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**EXPLORE**
- mos.org/field-trips
- mos.org/daily-schedule
- mos.org/teacher-partners
- mos.org/imax
- mos.org/planetarium

**RESERVE**
- mos.org/field-trip-reservations
- 617-723-2500

Photos: © Nicolaus Czarnecki, © Candy Kennedy, © Michael Majersko, © Ashley McCabe, © The Abacus Imaging Group, © Ian MacLellan, © TMP Images
So you’ve decided on a field trip to the Museum of Science!

Here are five things to think about before you make your reservation:

1. **Decide how much time your students will spend in the Museum’s Exhibit Halls.**
   Most field trip groups stay 2 – 3 hours. Depending on your time frame, you may want to consider reserving a lunch time slot. For lunch options, flip to page 19.

2. **Consider a variety of our many exciting options included with Exhibit Halls admission:**
   - Engaging exhibits
   - Daily live presentations
   - Small group experiences
   Find descriptions and schedules for activities and presentations on pages 9 – 11.
   See next page and our online resources for sample field trips to spark your thinking.

3. **To enrich the experience, consider an add-on:**
   - Planetarium show (page 13)
   - 4-D film (page 14)
   - Butterfly Garden (page 14)
   - Omni film (page 15)
   - **BODY WORLDS & The Cycle of Life Temporary Exhibition** (Through January 5, 2020; see page 6)
   These add-ons are each an additional cost of $4 per person.

4. **Scholarships may be available for qualifying schools.**
   Scholarships, including bus funding, may be available for qualifying schools. Find out more on page 18.

5. **When you’re ready to reserve, call our Science Central team at 617-723-2500.**
   If you’re a Teacher Partner (find out more on page 17), you can also reserve online at mos.org/field-trip-reservations.

**NEED MORE INFORMATION?** General booking details—including pricing, chaperone guidelines, and accessibility information—are available on pages 18 and 19.
When planning a field trip, we recommend:

- One live presentation or school-reserved presentation
- One small group experience
- At least 1 – 2 exhibit spaces
- An add-on activity, such as a visit to our Charles Hayden Planetarium or Butterfly Garden

Below are two field trip suggestions. Find out more online at mos.org/field-trips.

### 4TH GRADE FIELD TRIP (SAMPLE)

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>TYPE OF EXPERIENCE</th>
<th>DESCRIPTION</th>
<th>STANDARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 a.m.</td>
<td>A Bird’s World</td>
<td>Exhibit</td>
<td>Observe a variety of bird and plant specimens and consider how each species’ adaptations help them survive.</td>
<td>4-LS1-1</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Exciting Energy</td>
<td>School-Reserved Presentation</td>
<td>Demonstrating the core ideas of conservation of energy and energy transfer, this presentation brings to life the 4th Grade NGSS standards on Energy and Motion.</td>
<td>4-PS3 1-4</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Design Challenges</td>
<td>Small Group Experience</td>
<td>Staff will guide your students through the iterative design process, helping them to plan, test, and build a prototype to solve the day’s challenge.</td>
<td>4.3-5-ETSI-3</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Take a Closer Look</td>
<td>Exhibit</td>
<td>This exhibit is chock full of activities to guide students in their understanding of wave properties, electromagnetic radiation, and how sound and light waves travel and transfer information.</td>
<td>4-PS4 1-3</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>New England Habitats/Giant Globe</td>
<td>Exhibit</td>
<td>Stop by the giant globe in New England Habitats. This model of Earth was designed to showcase our planet's mountains, ocean ridges, and tectonic boundaries.</td>
<td>4-ESS2-2</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>LUNCH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Cuba</td>
<td>IMAX® Film</td>
<td>Add on an IMAX® film and learn about the history, culture, and biodiversity of a land preserved in time.</td>
<td>MA History and Social Science 4.11-4</td>
</tr>
</tbody>
</table>

### HIGH SCHOOL LIFE SCIENCE FIELD TRIP (SAMPLE)

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>TYPE OF EXPERIENCE</th>
<th>DESCRIPTION</th>
<th>STANDARDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m.</td>
<td>Natural Mysteries</td>
<td>Exhibit</td>
<td>This exhibit offers a lesson in biodiversity, adaptation, and classification. Take a look at a variety of animal skeletons, specimens, and other artifacts.</td>
<td>HS-LS2 6-8; HS-LS4 1-2, 4-5</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Gunther von Hagens’ BODY WORLDS &amp; The Cycle of Life</td>
<td>Temporary Exhibit</td>
<td>Add on a trip to our newest temporary exhibit and get an inside look at human anatomical structures.</td>
<td>HS-LS1-2</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Health Headlines &amp; Vital Signs</td>
<td>School-Reserved Presentation</td>
<td>Educators will update students on the latest news in human biology and health sciences.</td>
<td>HS-LS1 1-4</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>LUNCH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>Hall of Human Life/Biogen Foundation Exploration Hub</td>
<td>Exhibit</td>
<td>This exhibit offers a number of activities and exhibit components that cover a wide range of topics from anatomy to genetics to nutrition. Activities at the Exploration Hub vary each day, and may include opportunities to explore real organs!</td>
<td>HS-LS1-2; HS-LS3 2-4; HS-LS4-1</td>
</tr>
</tbody>
</table>
Check out the exhibit before your school’s visit!

Teachers who make a reservation will receive free preview passes to get a head start on aligning BODY WORLDS content to your classroom curriculum.

- Up to 39 students: 2 preview passes
- 40 - 79 students: 4 preview passes
- 80 or more students: 5 preview passes

After booking your field trip, BODY WORLDS teacher preview passes can be reserved in advance by calling Science Central at 617-723-2500.
The groundbreaking **BODY WORLDS** exhibits have been seen by more than 47 million people worldwide, and you can now experience a new chapter, *Gunther von Hagens’ BODY WORLDS & The Cycle of Life*, only at the Museum of Science. This is one exhibition your students won't want to miss.

Students will learn about the complexity, resilience, and vulnerability of the human body through anatomical studies of the body in distress, disease, and optimal health. Real human bodies (preserved through an advanced technique called Plastination) showcase the human life cycle and aging, from prenatal development and infancy, to childhood and adolescence, to youth, adulthood, and old age. Get an in-depth look at the effects of poor health, good health, and lifestyle choices on your body and discover how our actions and habits help write the story of our lives. You’ll also witness incredible feats and cautionary tales about age-related matters, as well as the latest findings in longevity research.

**Appropriate for grades 5 – 12.**

*Admission to this exhibition requires purchase of a separate timed ticket. Funding is available to qualifying schools on a first-come, first-served basis.*
EXHIBIT HIGHLIGHTS

With more than 700 interactive exhibits, the Museum offers something to fascinate and engage every student. Our Exhibit Halls offer them scientific insight into the ancient past, their own backyard, the human body, and more. Visit mos.org/exhibits for a full list of exhibits.

Natural Mysteries
Observe a reference library of interesting objects, experience enticingly mysterious environments, and participate in activities.

Yawkey Gallery on the Charles River
Learn about the natural and engineered worlds in this exhibit that takes advantage of our unique location along the Charles River.

Hall of Human Life
Enjoy more than 70 interactive components that will change how you engage with your biology and manage your health.

Dinosaurs: Modeling the Mesozoic
Check out fossils and life-size models to learn how paleontologists compile evidence and change the way we view these animals.

Wicked Smart: Invented in the Hub
This comprehensive exhibit invites you to celebrate Greater Boston-based innovations and the creators behind them!

Science in the Park
Jump, swing, and use familiar objects to investigate the pushes and pulls of everyday life.
Visit one of our educators at a staffed exhibit space to explore interactive science activities and demonstrations. Go to mos.org to view the daily schedule and contact information for reserving specific activity topics. We recommend a staggered schedule for your groups so they can enjoy a personal experience with our educators.

Discovery Center
Grades PreK – 2 An ideal area for early learners, this exhibit emphasizes the use of real objects with an extensive teaching collection for exploring natural history, physical science, and engineering topics. Young scientists can assemble a skeleton, touch real fossils, investigate air pressure, or try out hands-on experiments. Please note that the Discovery Center has a limited capacity and may have wait times for entry.

Hall of Human Life, Biogen Foundation Exploration Hub
Grades K – 12 Explore human biology through comparisons with other organisms—including friends, family, and other Museum visitors—in activities that vary throughout the day. Visitors of all ages can collect and graph data on the strength of their grip, investigate their senses, observe and ask questions about real organs, and more!

Email hhl-requests@mos.org in advance to request a topic.

Design Challenges
Grades 2 – 12 Dive into the engineering design cycle through a drop-in, hands-on 20-minute activity to design, build, and test a prototype solution to a given problem. School groups can request a specific Design Challenge for the day of their visit.

Email designchallenges@mos.org in advance to request a topic.

Charles River Field Station
Grades 2 – 12 Join a Museum educator and explore the river ecosystem with a variety of hands-on investigations. Topics vary by day and may include examining a sample of river water under a microscope or testing your skills as a naturalist by identifying various bird beaks and skulls.

Hands-On Laboratory
Grades 2 – 12 The Hands-On Laboratory is a fun, interactive learning laboratory that encourages visitors of all ages to explore a variety of rotating topics in laboratory sciences, including chemistry, biotechnology, environmental sciences, and more. Please note that the Hands-On Laboratory has a limited capacity and may have wait times for entry.

Investigation Station
Grades 2 – 12 Visitors think like a scientist as they design investigations and gather evidence. Activities vary daily from building circuits to exploring the properties of magnetic fields. Stop by and try them yourself!
**STEM in action!** Choose from a variety of live presentations scheduled daily. Museum of Science presentations support both Massachusetts and National Science Standards. Join Museum educators for fun, interactive stage presentations that highlight an array of exciting STEM topics.

**Lightning!**
Explore lightning and storm safety as indoor bolts hurled by the world’s largest Van de Graaff generator spark insight into conductors, insulators, and the interaction of electricity, magnetism, and electric charge.
Capacity: 350. Location: Theater of Electricity.

**Live Animal Presentation**
Explore the adaptation, behavior, and ecology of animals—as well as the environments they live in—with the furry, feathered, and scaly residents of our Live Animal Care Center.

**Live Animal Story Time**
Hear a story and meet its animal star in a presentation made for our younger visitors, especially those in preschool.

**Science Snapshot**
Take a look at the latest science and technology headlines and research advances to appreciate their impact on our lives.
Capacity: 75. Location: Gordon Current Science & Technology Center Stage.

**Super-Cold Science**
Investigate how heat and temperature relate to the movement of atoms and molecules, and experience their extreme, even bizarre, effect on solids, liquids, and gases.

### MONDAY – FRIDAY SCHEDULE*

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>10:30 a.m.</td>
<td>Live Animal Story Time (Monday)</td>
</tr>
<tr>
<td></td>
<td>Live Animal Presentation (Tuesday – Friday)</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Super-Cold Science</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lightning!</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>Science Snapshot</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Live Animal Presentation</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Lightning!</td>
</tr>
</tbody>
</table>

*Schedule subject to change. Check [mos.org/daily-schedule](http://mos.org/daily-schedule) for updates and additional presentations in May and June.
Connections to your curriculum. Museum of Science presentations support both Massachusetts and Next Generation Science Standards. Reserve one of our schools-only programs as part of your Museum experience. These exciting, innovative presentations delve deeper into specific content areas to help your students learn STEM concepts!

See Curriculum Standards here: mos.org/field-trip-activities (click “filter activities”)

<table>
<thead>
<tr>
<th>RESERVED PRESENTATIONS (Reserve 2 weeks in advance)</th>
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<tbody>
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<td>exciting energy</td>
<td>3  4  5  6  7  8  9  10  11 12</td>
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<tr>
<td>fantastic forces</td>
<td></td>
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<tr>
<td>weather wonders</td>
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<tr>
<td>what’s up in space?</td>
<td></td>
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<tr>
<td>health headlines &amp; vital signs</td>
<td></td>
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<tr>
<td>nicotine, vaping &amp; science</td>
<td></td>
</tr>
<tr>
<td>energy in action</td>
<td></td>
</tr>
<tr>
<td>exploring laws of motion</td>
<td></td>
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</tbody>
</table>

Exciting Energy
Grades 3 – 6 Explore the sights, sounds, and amazing results of energy! Observe and predict how energy changes from one form to another.
Tuesdays at 10:30 a.m. or Thursdays at 11:30 a.m. Capacity: 287.
Location: Cahners Theater.

Fantastic Forces
Grades 3 – 6 Discover how to make predictions about the way objects move. Large-scale demonstrations show how forces govern the world around us!
Wednesdays at 10:30 a.m. or Fridays at 11:30 a.m. Capacity: 287.
Location: Cahners Theater.

Weather Wonders
Grades 3 – 8 Indoor wind, clouds, fog, and snow? Anything is possible when discovering how air, water, and temperature combine to cause weather changes. Elements of the weather are made before your eyes!
Tuesday – Friday; 12:30 p.m. Capacity: 125.
Location: Shapiro Family Science Live! Stage.

What’s Up in Space?
Grades 6 – 12 Discover the latest advances and innovations in robotic and human exploration of the solar system.
Tuesday – Friday; 10:30 a.m. Capacity: 75.
Location: Gordon Current Science & Technology Center Stage.

Health Headlines & Vital Signs
Grades 6 – 12 Explore the latest headlines in human biology and health science news, including communicable diseases, brain development and changes, and cutting-edge diagnoses and treatments.
October 1 – December 20, Tuesday – Friday; 11:30 a.m. Capacity: 75.
Location: Gordon Current Science & Technology Center Stage.

Nicotine, Vaping & Science
Grades 6 – 12 Nicotine use among young adults is on the rise. Join our educators as we explore the science behind new vaping technologies and the impact of nicotine on a developing brain.
January 6 – June 12, Tuesday – Friday; 11:30 a.m. Capacity: 75. Location: Gordon Current Science & Technology Center Stage.

Energy in Action
Grades 7 – 12 Heat, light, sound, electromagnetism, and more are all forms of energy. Experiment with energy as it transfers, transforms, and does work!
Tuesdays at 11:30 a.m. or Thursdays at 10:30 a.m. Capacity: 287.
Location: Cahners Theater.

Exploring Laws of Motion
Grades 7 – 12 See how a rocket car, exploding paper, or even a simple bowling ball can dramatically demonstrate relations between mass, velocity, acceleration, and force as described by Newton’s laws of motion.
Wednesdays at 11:30 a.m. or Fridays at 10:30 a.m. Capacity: 287.
Location: Cahners Theater.
Extend your curriculum beyond the classroom! Students will meet professionals as they are introduced to inspiring STEM careers. Talk to local scientists and researchers, participate in a keynote address, and consider a world of job possibilities. Learn more at mos.org/high-school-science.

FOR MASSACHUSETTS SCHOOLS ONLY. Location: Cahners Theater. Keynote Time: 11:00 a.m. Capacity: 75 students per school per event. Funding is provided for Massachusetts schools in part by the Lowell Institute.

A Look Inside
September 26, 2019

Grades 9 – 12 Go below the surface and gain a new perspective on what it means to be alive. With more than 100 preserved human specimens, see how the body changes throughout the life cycle and in critical periods of development. This event includes admission to the temporary exhibit Gunther von Hagens’ BODY WORLDS & The Cycle of Life.*

National Chemistry Week: Marvelous Metals
October 18, 2019

Grades 9 – 12 From conducting heat and electricity to being malleable and ductile, it’s no wonder metals are marvelous! Explore the properties and uses of metals at this annual event with a series of exciting demonstrations in Cahners Theater and hands-on activities throughout the Museum.

Art and Anatomy
October 24, 2019

Grades 9 – 12 The detailed drawings by early anatomists led the way to guide others through the study of the human body. Discover the intersection between art and science while viewing more than 100 preserved human specimens. This event includes admission to the temporary exhibit Gunther von Hagens’ BODY WORLDS & The Cycle of Life.*

Space Exploration: Past, Present, and Future
November 14, 2019

Grades 9 – 12 Celebrate the 50th anniversary of the first humans landing on the Moon by taking a closer look at the technology and math that helped us get there! This event includes a unique 11:30 a.m. Keynote Presentation in our Charles Hayden Planetarium.

Game Technology and Development
December 12, 2019

Grades 9 – 12 Today’s computer graphics rely on advanced science like biomechanics and computational geometry to make games lifelike and exciting. Hear from local developers on how they’re using computer science to create playable media experiences. This event is in celebration of National Computer Science Education Week.

The Road to Carbon Neutrality
January 23, 2020

Grades 9 – 12 Did you know that Boston has pledged to be a carbon-neutral city by 2050? To do this, Boston must rethink the way it designs and operates buildings, heats homes, powers buildings, and transports citizens from place to place. Learn about the choices and challenges the city will face as we prepare to meet the ambitious goal to decrease our carbon footprint.

Biotech and the Genetic Revolution
February 27, 2020

Grades 9 – 12 With great power comes great responsibility. From preventing human disease to protecting our food supply, explore the power, potential, and pitfalls of up-and-coming biotechnologies like CRISPR and discuss how humans have practiced genetic modification throughout history—featuring our Dogs! A Science Tail exhibit.

Health Fair
March 20, 2020

Grades 9 – 12 Learn and have conversations about the latest research from scientists and healthcare professionals who specialize in this field. This special event features guest speakers, hands-on activities throughout the Museum, and exploration in the Hall of Human Life.

Protect Our Planet
April 16, 2020

Grades 9 – 12 Humans have a complex and significant interdependence with the Earth and its natural resources. Students will interact with STEM professionals and consider solutions to challenges like increasing carbon dioxide concentrations and decreasing biodiversity to ensure long-term human sustainability on Earth.

*REMEMBER TO RESERVE advance timed tickets for BODY WORLDS & The Cycle of Life when making your reservation by calling Science Central at 617-723-2500.
Inspire your students with the breathtaking wonders of the universe! The Charles Hayden Planetarium uses state-of-the-art systems to illuminate Earth science, astronomy, and space exploration. Watch trailers, find educator guides, and discover more at mos.org/planetarium.

Capacity: 209 people, including students, teachers, and chaperones, unless otherwise noted.

FOR SCHOOLS ONLY These live, interactive adventures feature astronomy educators who can fly school groups anywhere in the universe, revealing astronomical wonders and the intriguing science behind them. Students are encouraged to make observations and ask questions along their journey.

Explore the Solar System

Grades PreK – 5 Blast off from Earth and soar through space to discover the Moon, planets, and many other exciting sights of our solar system.
Monday – Friday; 10:30 a.m. Educator guide available.

Explore the Galaxy

Grades 6 – 12 Our solar system is only the first stop on a journey as students leave Earth behind and fly to the very edges of the Milky Way galaxy in this exploration of our place in space.
Monday – Friday; 11:30 a.m. Educator guide available.

FOR ALL AUDIENCES These shows are available outside of school showtimes to both schools and the general public. Check our schedule on mos.org/planetarium to help plan your visit.

Big Bird’s Adventure: One World, One Sky

Grades PreK – 2 Explore the night sky with your favorite friends from Sesame Street. Follow along with Big Bird, Elmo, and their friend from China, Hu Hu Zhu, as they take you on a journey to learn about the Big Dipper, the North Star, the Sun, and the Moon.
Educator guide available. Please note this show has a capacity of 159.

Moons: Worlds of Mystery

Grades 3 – 12 Take a journey through our solar system and explore the remarkable diversity—and surprising might—of moons!
Educator guide available. Produced by the Museum of Science.

Destination Mars: The New Frontier

Grades 4 – 12 Explore human spaceflight by hearing how NASA and others are working on the technology that will get us there! Glide through the International Space Station, follow the rockets as we design bigger and faster ways of getting to orbit, and look ahead to future missions beyond the Moon and all the way to Mars!
Educator guide available. Produced by the Museum of Science with support from NASA.
Our immersive 4-D films merge 3-D technology with in-theater special effects to capture your students’ complete attention. All five senses will be awakened in these 15-minute films as students learn about topics from snowy mountains to lush rainforests. Check [mos.org/4d](http://mos.org/4d) for current listings and showtimes.

**Capacity:** The Butterfly Garden has a rolling capacity of 30 people every 15 minutes. During April, May, and June, 30-minute time slots at 10:00, 10:30, and 11:00 a.m. are typically bought out specifically for school groups. Contact Science Central at 617-723-2500 for availability.

**Butterfly Garden**

**For All Audiences** Notice the diverse characteristics and behaviors of different species and explore the Emergence Box to witness metamorphosis in action.

**Book a Butterfly Garden Experience!**

**Grades K – 2** These Museum educator-led programs occur on Wednesday and Thursday mornings from April through June and allow students to explore animal habitats and butterfly metamorphosis with a guided activity.

Our tropical oasis offers your students a wonderful opportunity to walk among free-flying butterflies and learn about metamorphosis, the butterfly life cycle, the meanings of butterfly wing colors, and more.

**Capacity:** The Butterfly Garden has a rolling capacity of 30 people every 15 minutes. During April, May, and June, 30-minute time slots at 10:00, 10:30, and 11:00 a.m. are typically bought out specifically for school groups. Contact Science Central at 617-723-2500 for availability.

**SMALLFOOT 4-D Experience**

Go on an extraordinary adventure for all ages, as myth turns upside down when a yeti finds something he thought didn’t exist—a human.

SMALLFOOT and all related characters and elements © & ™ Warner Bros. Entertainment Inc. (s19)

**The Congo 4-D: Life in the Rainforest**

Explore the mesmerizing creatures that battle for space and survival in the dangerous tropical rainforests of the Congo.

The BBC and BBC Earth are trademarks of the British Broadcasting Corporation and are used under license. BBC logo © BBC 1996. Photography © Rosie Thomas
In our Mugar Omni Theater, the world’s largest film format is projected onto a five-story-tall IMAX® Dome screen. Shows are approximately 50 minutes long and are ideal for grades 3 – 12. With a wide variety of titles that run throughout the day, an Omni film is the perfect complement to any Museum of Science field trip. Check mos.org/imax for current listings and showtimes.

Capacity: 312 people through December; 250+ post-renovation (see below)

The Mugar Omni Theater will close starting January 6 for an exciting renovation, reopening in early spring 2020! Check mos.org/imax for schedule and capacity updates.

Cuba

*Cuba* tells the powerful story of a land preserved in time, yet poised on the cusp of dramatic change.

*Cuba* is produced by Golden Gate 3D, in association with BBC Earth, Giant Screen Films and the Giant Dome Theater Consortium.

Great Barrier Reef

Immerse yourself in the natural beauty and exquisite strangeness of this awesome, bizarre, and vibrant living world.

A December Media film produced in association with Slattery Family Trust, Biopixel, Soundfirm, Film Victoria, and Screen Queensland and distributed by MacGillivray Freeman Films.

Great Bear Rainforest

Journey to Canada’s remote Pacific Coast to explore a land of grizzlies, coastal wolves, sea otters, and the all-white spirit bear—the rarest bear on Earth.


Exclusive times just for schools!

Choose the 11:00 a.m. Omni showing to see one of our special school films pre-selected to support your science and social studies curriculum. Shows change weekly; visit mos.org/school-imax to see schedule.
ADDITIONAL OPPORTUNITIES FOR SCHOOLS

There’s more for school-age children beyond a field trip visit. Take advantage of a diverse range of activities and offerings, both at the Museum and in your own classroom!

Overnights

A Night They Won’t Forget! Grades 1 – 7
Spend the night with your students at the Museum and enjoy hands-on science activities, science demonstrations, a late-night Lightning! show, Planetarium show, AND an Omni film. Students explore the Museum and may get a chance to sleep under a giant T. rex. For 2019 – 20 school group dates, curriculum connections, and a sample schedule, please visit mos.org/overnights.


Traveling Programs

Bring the Museum to Your School!
Our team of educators will travel throughout New England to bring the Museum’s unique educational experiences to your school. From animals to physics, we have almost 20 entertaining and interactive programs for grades PreK – 8. All of our programs support the current Massachusetts Science and Technology/Engineering Curriculum Framework and Next Generation Science Standards.

Scholarships for qualifying schools are available. For more information: 617-589-0354, travelingprograms@mos.org, mos.org/travelingprograms.

Curriculum

Building a Generation of Problem Solvers
The Museum develops curriculum that empowers children to become lifelong STEM learners and passionate problem solvers. Our engineering curricula (PreK – 12), resources, and teacher professional development are designed to innovate for the reality of today’s educational landscape. Engage all learners with our curriculum—including English learners, students who receive special education services, and those who have not flourished in traditional academic settings.

• Start early and prepare your youngest learners for success with Wee Engineer® (preschool) and EiE® for Kindergarten.
• Empower elementary school students with Engineering is Elementary®.
• Encourage students’ passion outside the classroom with Engineering Adventures® (grades 3 – 5) and Engineering Everywhere™ (grades 6 – 8) for afterschool and camp programs.
• Continue the excitement about STEM careers in middle school with Building Math and in high school with Engineering the Future: Science, Technology, and the Design Process.™

We’ve introduced engineering to millions, and this is only the beginning of what we will achieve. Learn more about our curriculum by visiting mos.org/engineering-curriculum.
The Teacher Partner Program is a free benefit package offered exclusively to K – 12 teachers in New England schools. This program allows you to take advantage of the benefits listed below that will make planning your field trip easier.

Program Benefits

• Easier field trip reservations: Teacher Partners have exclusive access to our online reservation platform.

• Free access to the Exhibit Halls: All Teacher Partners have free individual admission to the Exhibit Halls using their card.

• Free pre-field trip access to the Mugar Omni Theater, Charles Hayden Planetarium, 4-D Theater, and Butterfly Garden. Just write or call the Educator Resource Center to reserve a voucher.

• Teacher Partners can bring small groups of up to 11 students on a field trip without reserving in advance. You can find more information at mos.org/teacher-partners.

• E-News for Educators: Our monthly newsletter highlights field trip resources, special discounts, professional development workshops, and more. To join, visit mos.org/email-signup.

• Extend your field trip experience by borrowing books, curricula, and DVDs from our Educator Resource Center. Contact library@mos.org or 617-589-0174 to find out more.

• Priority access to free STEM-focused professional development opportunities hosted at the Museum of Science. See our offerings at mos.org/professional-development.

• Find out about even more benefits at mos.org/teacher-partners!

Professional Development

The Educator Resource Center offers professional development workshops throughout the year. We utilize the Museum’s exhibits and experts and create standards-aligned experiences to connect to your classroom. Go to mos.org/professional-development to check out our current offerings.

Need guidance designing a field trip?

Museum educators are ready and able to assist you in developing an educational plan for your school visit. Email us at library@mos.org, call staff at 617-589-0174, or even schedule an in-person consultation with a Museum educator. Appointments should be scheduled at least two weeks in advance. We’re here for you, so let us know how we can help!
Exhibit Halls Payment Rates*

**EXHIBIT HALLS**

*Price per person*

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<th>First Visit</th>
<th>Second Visit</th>
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<tbody>
<tr>
<td><strong>Teachers</strong></td>
<td>Free</td>
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<td><strong>Students</strong></td>
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<tr>
<td>September – August</td>
<td>$10.00</td>
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<td>September, October, January</td>
<td>$5.00**</td>
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<tr>
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<td><strong>Chaperones</strong></td>
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<td>September – August</td>
<td>$5.00</td>
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*School group rates are not available during Massachusetts school vacation weeks.*

**The $5 Exhibit Halls admission is available for schools with free and reduced lunch participation at or above 35% and/or schools with a population of economically disadvantaged students at or above 25%.*

Add-Ons
Payment rates shown for additional programs are added to the cost of Exhibit Halls admission.

**VENUE**

*Price per person*

| **BODY WORLDS & The Cycle of Life** (On Exhibit Through January 5, 2020) | Add | $4.00 |
| **Mugar Omni Theater (IMAX®)** | Add | $4.00 |
| **4-D Theater** | Add | $4.00 |
| **Charles Hayden Planetarium** | Add | $4.00 |
| **Butterfly Garden** | Add | $4.00 |

**Venue Only** (Exhibit Halls admission not included)

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<tr>
<th><strong>VENUE</strong></th>
<th><strong>Price per person</strong></th>
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<tbody>
<tr>
<td><strong>Planetarium Only</strong></td>
<td>$6.00</td>
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<tr>
<td><strong>Mugar Omni Theater Only</strong></td>
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Payment Methods
- Payment is required upon arrival.
- For your convenience, we accept cash, business checks, credit cards, and purchase orders. (Please submit purchase orders at least three days in advance by fax: 617-589-0187, or email: fieldtrips@mos.org. Please include your order number on the purchase order.)
- We do not accept family memberships, Museum Overnight patches, free passes, or discount coupons.

**SAVING OPTIONS:**

**$5 Field Trips!**

In September, October, and January, we offer a discounted $5-per-person field trip rate for students and chaperones at eligible schools.

To qualify, schools must have free and reduced lunch participation at or above 35% and/or a population of economically disadvantaged students at or above 25%.

**Multi-Visit Rates**

Classrooms that return to the Museum with the same students may receive 50% off Exhibit Halls admission for the second visit. Please inform Science Central that you’ll be visiting more than once when making your reservation.

**Scholarships**

Reduced Exhibit Halls admission and funding to assist with bus costs are available for schools with free and reduced lunch participation at or above 35% and/or schools with a population of economically disadvantaged students at or above 25%. Funding requests should be made at the time of reservation.

Special thanks to our generous supporters and especially National Grid for its sponsorship, available for qualifying schools and groups in communities within National Grid’s service areas.
Chaperones
The chaperone policy is at least one chaperone per 10 students for grades K – 8 and at least one chaperone per 15 students for grades 9 – 12. Chaperones must be over 21.

Parking
There is no bus parking on Museum grounds except for drop-off and pickup. Buses may park at the Boston Autoport in Charlestown. Chaperones and teachers may park cars in the Museum garage and will receive a $5 flat rate.

Lunch
Various lunch options are available including food vouchers, school group meals, and bagged lunches. Please reserve a 30-minute time slot when making your reservation. Learn more at mos.org/field-trip-reservations.

Cancellations
Notify Science Central immediately: 617-723-2500, fieldtrips@mos.org. Missed reservations without notice prior to the visit are subject to a non-cancellation fee.

Changing Your Group Size
If your group size changes after you make a reservation, you must notify us by 4:00 p.m. the day before your visit. Contact Science Central: 617-723-2500, 617-589-0187 (fax), fieldtrips@mos.org.

Accessibility
The Museum aims to be a place where everyone can participate. For more information on the Museum's accessibility, please visit mos.org/accessibility. For questions or accommodation requests: 617-723-2500, accessibility@mos.org.

Planning Resources
Need help figuring out which exhibits, shows, or programs best meet your educational goals? Contact library@mos.org or call 617-589-0174 to discuss your field trip with a Museum educator.
BODY WORLDS & The Cycle of Life
ON EXHIBIT THROUGH JANUARY 5, 2020
See the breathtaking complexity, resilience, and vulnerability of the human body in distress, disease, and optimal health in the Museum’s newest traveling exhibition. More than 100 authentic human specimens, including whole-body plastinates, show how our lifestyle choices can shape our bodies, leading to longer, happier, and healthier lives.

Dogs! A Science Tail
ON EXHIBIT FEBRUARY 9 – MAY 25, 2020
Through engaging and fun hands-on exhibits, explore the science behind the bond between humans and dogs. In this immersive, interactive exhibit, find out how humans and dogs are both wired for social connection, which made it possible for dogs to nuzzle their way into human society and into our hearts.

The Dogs! A Science Tail exhibition was created and developed by the California Science Center with support from Annenberg Foundation and Wallis Annenberg PetSpace. PetSmart Charities is sponsoring the national tour.

Book your field trip today! 617-723-2500 mos.org/field-trip-reservations