



/ EXPLORE  
AMERICA



EF STEM

## STEM Discovery: New York City & Boston

Sometimes the best way to learn about science, technology, engineering, and math is to follow in the footsteps of pioneers. Walk across the iconic Brooklyn Bridge, immerse yourself in interactive exhibits at Harvard's Museum of Natural History, and learn about the cutting-edge laboratories shaping tomorrow's innovations. Along the way, you'll meet with leaders from some of the world's most renowned scientific institutions and witness firsthand the practical applications of STEM.

# Discover the sciences

These Science, Technology, Engineering, and Math (STEM) tours are your students' chance to discover the real world applications of these subjects for themselves. Spend time with leading scientists, mathematicians, and engineers as they guide your students through workshops and hands-on demonstrations—everything from nuclear physics to robotics to engineering a bridge. Plus, there's enough time to take in the sights of the incredible cities you'll visit, too.

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## WHAT TO EXPECT ON A STEM TOUR

### Experiential learning

Students will conduct experiments and participate in hands-on workshops. After all, learning is always more fun with a lab coat on.

### Cutting-edge locations

Explore unique cities and understand why they're home to some of the world's most advanced laboratories, universities, and companies.

### Industry experts

Let top scientists, engineers, and researchers from MIT, the Brooklyn Navy Yard, the California Academy of Sciences, and more explain the real-life value of a STEM education.

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## YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; entrances to Empire State Building, Brooklyn Bridge tour and workshop, theater show, coding workshop, lab tour, Harvard Museum of Natural History, STEM workshop, evening activities (*with extension: STEAM workshop, life sciences workshop*); 3 overnight stays in hotels (*4 with extension*); round-trip transportation; comfortable motorcoach; gratuities; breakfast and dinner daily

Visit a working laboratory and see the scientists in their element.



See STEM learning come to life at the Massachusetts Institute of Technology.



**Day 1: New York City**

Meet your Tour Director at the airport in New York, a city known for its engineering and architectural marvels (and its own style of pizza). With intricately planned streets and towering skyscrapers, New York City stands as a testament to thoughtful and innovative design. Walk around Manhattan to experience 200 years of architectural history and discover the contrast between neoclassical and art deco styles. Armed with your new architectural knowledge, you'll take in the city at night from the highest observation deck in the Western Hemisphere.

**Day 2: New York City**

Channel your design inspiration into an immersive STEM workshop. Then, take a tour of the Financial District, passing landmarks such as Bowling Green Park, the National Museum of the American Indian, the Charging Bull sculpture, Wall Street, the New York Stock Exchange, Federal Hall, Trinity Church, St. Paul's Chapel, and the 9/11 Memorial. Cap off your evening with the awe-inspiring bright lights of a theater show.

**Day 3: New York City | Boston**

Learn how to write code—a set of instructions that computers use to power objects like phones, watches, microwaves, and cars—during an expert-led workshop. Then, give your brain a rest while you travel to Boston. Once you arrive, visit The New England Holocaust Memorial. Continue reflecting just a short walk away over dinner beneath the ornate dome of Quincy Market.

**Day 4: Boston**

Learn about MIT's more than 150-year-old history of innovation—which includes 89 Nobel Laureates and 34 astronauts—and explore the Harvard Museum of Natural History, which houses both historic and exotic artifacts. Then, turn these sights into a catalyst for creativity with a hands-on workshop. To end the day, hone your puzzle-solving skills with an immersive quest at Boda Borg.

**Day 5: Boston | Depart for home**

No trip to Boston is complete without a ride on an iconic Duck Boat. See the sights as you drive through the bustling city streets, then relax a bit with a calming cruise down the Charles River. Then it's time to head home.

**+ 6-DAY TOUR****Day 5: Boston**

Start your day with a ride on an iconic Duck Boat. See the sights as you drive through the bustling city streets and relax a bit with a calming cruise down the Charles River. After, discover how art and the sciences overlap by participating in a STEAM workshop such as kinetic sculptures at the MIT Museum or a behind-the-scenes tour of the Boch Center. From here, wind down with an evening activity.

**Day 6: Boston | Depart for home**

Visit a working laboratory, such as the Koch Cancer Research Lab at MIT or the Nuclear Reactor Lab at MIT, where you'll meet the scientists who are shaping the future of tomorrow. Then it's time to head home.

+ Customize this tour by adding optional activities or extending your experience by a few days.



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During a coding workshop, shift your perspective from gamer to game designer.



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The Brooklyn Bridge: iconic sight, engineering marvel.

**A GLOBAL EDUCATION, STARTING IN NORTH AMERICA**

Together with teachers, we're helping students discover the life-changing power of travel on educational trips throughout North America. By discovering new places and cultures, your child will create unforgettable memories as they learn more about themselves, the world, and their place in the world. And with EF on your side, you'll have the World Leader in International Education to make it possible.

**Full-service support**

You and your child have a committed team ready to answer any questions, handle payments, or simply offer advice on what to pack.

**Rooted in education**

We're accredited by five prestigious organizations, and believe in finding new, fun ways to engage students in valuable learning experiences.

**Commitment to safety**

Professional overnight security, a 24/7 Tour Director, and 24-hour emergency service are just the beginning. Your child's safety is our top priority.

**Focus on affordability**

We always offer the guaranteed lowest prices so more students have the opportunity to travel and experience the world.



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