



EXPLORE  
AMERICA



EF STEM

## STEM Discovery: Boston

You can't cross the street in Boston without seeing the impact of science, technology, engineering, and math. In fact, the Big Dig, the most expensive highway project in the United States, rerouted some of those very streets into tunnels beneath Boston. Some of the brightest minds in the world call this hub city home, and it's no wonder why. Skyscrapers built on land that had once been a swamp, a harbor that rebounded from one of the filthiest in the U.S. to one of the cleanest, and institutions like the Massachusetts Institute of Technology and FIRST® make Boston a symbol of innovation and ingenuity.

# 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 MIT guided tour, lab tour, STEM workshop, FIRST®, ecosystem activity, life sciences workshop, and evening activities; (with extension: STEAM workshop, Museum of Science); 3 overnight stays in hotels (4 with extension); round-trip transportation; comfortable motorcoach; gratuities; breakfast and dinner daily

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



Power up both sides of your brain during a STEAM (Science, Technology, Engineering, Art, and Math) workshop.



**Day 1: Boston**

Meet your Tour Director at the airport in Boston, a former swamp turned port city and modern metropolis. Explore the city by land and water on a Duck Boat tour. Then dine beneath the ornate dome of Quincy Market.



Discover the nuts and bolts of programming robots during a workshop designed by FIRST®.



Faneuil Hall and Quincy Market: Come for the history, stay for the delicious food.

**Day 2: Boston**

Learn about MIT's more than 150-year history of innovation, which includes 89 Nobel Laureates and 34 astronauts. Then, dive into cutting-edge research on a tour of a working lab space, where you'll talk with the scientists who are creating the worlds of tomorrow. Channel all this inspiration into a hands-on workshop. Take in incredible panoramic views of the city atop View Boston, an observation deck on the Prudential Center's 52nd floor.

**Day 3: Boston**

Go to the Seaport to take part in an interactive workshop developed as a collaboration between FIRST® and MassRobotics. Connect with nature during a New England ecosystem activity. From here, wind down with an evening activity.

**Day 4: Depart for home**

Participate in a hands-on life sciences workshop. Then say goodbye to Boston as you head home.

**+ 5-DAY TOUR****Day 4: Boston**

Participate in another hands-on life sciences workshop. Then discover how STEM and arts disciplines can complement each other during a STEAM workshop, whether you're exploring user-centered design, music production, or art restoration. End the day with a fun evening activity.

**Day 5: Depart for home**

Since 1830, the Museum of Science has showcased ways that science, technology, and engineering shape our world. Browse the exhibit halls, hear a live presentation, and be shocked by an indoor lightning show. Then it's time to head home.

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

**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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