



#### EF STEM TOUR

## STEM Discovery: Boston

You can't cross the street in Boston without seeing the impact of science, technology, and engineering. 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 the hub city home, and it's no wonder why. Skyscrapers home to prominent biotechnology companies built on what had been a swamp, a harbour that rebounded from one of the filthiest in the U.S. to one of the cleanest, and institutions like the Massachusetts Institute of Technology make Boston a symbol of innovation and ingenuity.

# Explore a world built on STEM

Explore world-class institutions



Science, Technology, Engineering, and Math shape communities across the globe. Our STEM-focused tours show students the value in diverse ways of thinking, building, and doing, as well as help them recognize the powerful universality of STEM subjects. At EF, we've spent over 50 years witnessing the power of educational travel, and we know how it can transform STEM learners. Each STEM tour highlights real-life international applications, challenges students to think critically, and helps develop innovative solutions to global problems.

---



## What to expect on a STEM tour

### EXPERIENTIAL LEARNING

Students will learn to apply science by participating in project-based learning that goes well beyond theory.

### INNOVATIVE LOCATIONS

Tour exciting international destinations that host some of the world's most advanced laboratories, universities, and companies, or are simply perfect global "classrooms" to study scientific issues of the day in real life.

### INDUSTRY EXPERTS

Let top scientists, engineers, and researchers from MIT, the New York Academy of Sciences, the Muir Woods National Monument, and more explain the real life value of a STEM education.

---

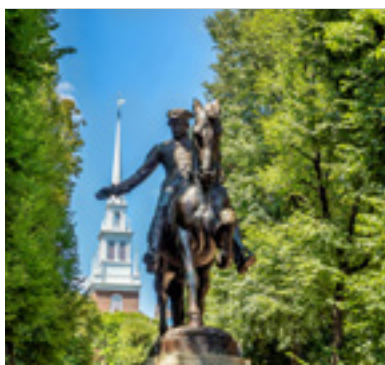
### YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; round-trip flights; comfortable motor coach; entrances to Duck Tour, STEM workshop, STEM evening activity, STEM lab visit, First Robotics Workshop, STEM Ecosystem Activity, Boda Borg Boston; life sciences lab workshop (*with extension: STEAM workshop, Museum of Science*); 3 overnight stays in safe, quality hotels (*4 with extension*); daily breakfast & dinner.



“I believe that when a student sees how the classroom is used in the outside world it powerfully impacts them. The ‘that looks cool, I want to do that’ reaction will guide them into STEM fields.”

Micah F., Earth Space and AP Environmental Sciences Teacher



Discover America's history

#### 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.

#### 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. Enjoy an evening activity to end the day.

#### Day 3: Manchester | Boston

Go to Manchester, New Hampshire to take part in an interactive workshop developed by FIRST Robotics. Return to Boston and reconnect 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, from pipetting to oil extraction. Then say goodbye to Boston as you head home.

#### ✚ 5-DAY TOUR

##### Day 4: Boston

Get a new perspective on the life sciences and try your hand at lab skills, from pipetting to oil extraction, during a hands-on 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 an 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.

# Your Partner in Global Education

For over 50 years EF has been working toward one global mission: *Opening the World Through Education*. Your teacher has partnered with EF because of our unmatched worldwide presence, our focus on affordability, and our commitment to providing experiences that teach critical thinking, problem solving, collaboration, and global competence. What's more:

## ROOTED IN EXPERIENTIAL LEARNING

Experiential learning is at the heart of our blended learning model. Our dedicated education specialists help ensure that every EF tour is rich with unforgettable moments that bring people, places, and cultures to life.

## WE'RE COMPLETELY COMMITTED TO YOUR SAFETY

We have more than 500 schools and offices in over 50 countries around the world, so local EF staff members can react quickly and in person wherever you travel.

## YOUR FULL-TIME TOUR DIRECTOR IS WITH YOUR GROUP

every step of the way on tour, providing insight about your destinations as well as great local tips

## THE EASIEST WAYS TO ENROL TODAY

Enrol online  
[eftours.ca/enrol](https://eftours.ca/enrol)

Enrol by phone  
**1-800-263-2806**

Mail your enrolment form  
**EF Educational Tours**  
**80 Bloor Street West, 16th Floor**  
**Toronto, ON M5S 2V1**

