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 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 Robotics, 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.

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.

YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; entrances to Duck Tour, lab tour, MIT Museum, STEM workshop, FIRST Robotics, music production workshop, life sciences workshop, evening activities; (with extension: Edward M. Kennedy Institute, Museum of Science); 3 overnight stays in hotels (4 with extension); round-trip transportation; comfortable motorcoach; gratuities; breakfast and dinner daily.
Day 1: Boston
Meet your Tour Director at the airport in Boston, a former swamp turned port city and modern metropolis.

Start your trip to Boston with 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 dine beneath the ornate dome of Quincy Market.

Day 2: Boston
Start your day off touring one of MIT’s state-of-the-art research laboratories, then explore MIT’s history of discovery at the MIT Museum. Let these amazing sights inspire a new level of creativity during a interactive 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. Once you’re done exploring the vast world of robotics, translate your computer knowledge to sound waves during a music production workshop, where you’ll create your own track to take home. From here, wind down with an evening activity.

Day 4: Depart for home
Step into the role of a scientist at a working lab. 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 say goodbye to Boston as you head home.

5-DAY TOUR
Day 4: Boston
Step into the role of a scientist at a working lab. 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. At the Edward Kennedy Institute, learn how laws and legislation influence technological advancement. Then enjoy 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.
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.