



EXPLORE
AMERICA



EF STEM

STEM Discovery: New York City

When it comes to New York City, the only constant is change. With its culture of creation, NYC has become a haven for makers, movers, and shakers. From the Brooklyn Navy Yard, a shipbuilding site turned innovation district, to Columbia University, where the Columbia Space Initiative is designing new satellites and reimagining astronaut tools, this is a city that pulses with energy, fuels innovation, and challenges what we think is possible.

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.

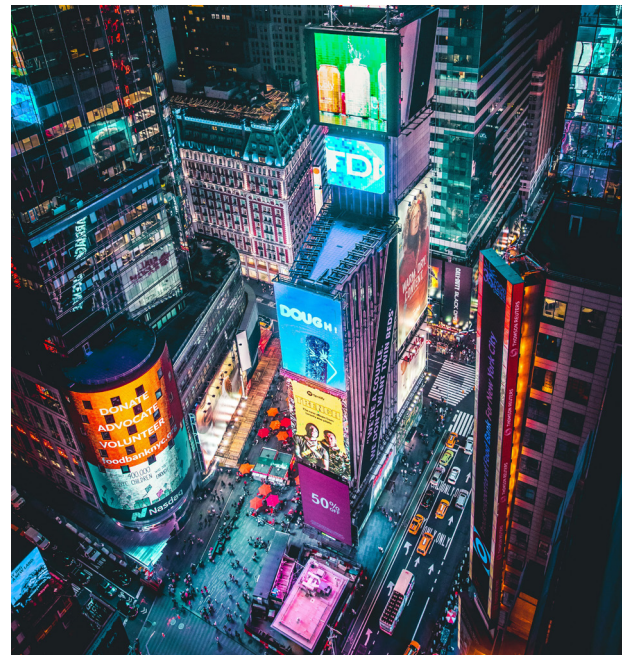
YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; entrances to Edge Observation Deck, Transit Museum, Brooklyn Navy Yard, Columbia University STEM tour, design thinking workshop, Roosevelt Island Tram, Central Park, theater show, museum workshop (*with extension: STEAM workshop, Museum of Math*); 3 overnight stays in hotels (*4 with extension*); round-trip transportation; comfortable motorcoach; gratuities; breakfast and dinner daily.

The Brooklyn Navy Yard has been inventing and manufacturing new technology for nearly 200 years.



How bright is Times Square? It can be seen from outer space!



Day 1: New York City

Get to know New York City with a walking tour of Midtown. See the ins and outs of Manhattan, from 5th Avenue to Rockefeller Center. Then head to the Edge Observation Deck, the highest outdoor sky deck in the Western Hemisphere, for panoramic views of the city skyline.

Day 2: New York City

Explore the Transit Museum and learn about the New York City Subway, a system that moves millions of people in and out of the city every day. Then head over to the Brooklyn Navy Yard, the former U.S. Navy shipbuilding hub that now hosts over 450 private businesses, including technology incubators, artists and artisans, food producers, fashion designers, and cutting-edge manufacturers. After, learn about the construction of the Brooklyn Bridge as you walk across it.



Make your way to Cornell Tech in a tram that overlooks the East River.

Day 3: New York City

Visit Columbia University to learn about the science and engineering work being done by the Columbia Space Initiative, including satellites, a hybrid engine rocket, and a fully autonomous boat. Later, travel to Roosevelt Island, located in the middle of the East River. From there, you'll hop on the Roosevelt Island tram to the Upper East Side where your Tour Director will take you on a walking tour of Central Park. After dinner, head to the bright lights of Times Square for a theater show.

Day 4: Depart for home

Get a last dose of STEM learning when you participate in a workshop at one of New York City's museums, which may include the Liberty Science Center, Museum of Mathematics, or New York Hall of Science. Then board your plane home.

+ 5-DAY TOUR**Day 4: New York City**

Get another dose of STEM learning when you participate in a workshop at an iconic New York City museum: the Museum of the City of New York, the New York Hall of Science, or the American Museum of Natural History. Then exercise the right side of your brain during a STEAM workshop.

Day 5: Depart for home

Visit the Museum of Mathematics and participate in a workshop on topics such as cryptography, probability, or graph theory. Then board your plane home.

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



< The Big Apple is home to some of the most iconic skyscrapers in the world.

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