



EF STEM

## STEM Discovery: San Francisco

Home to some of the world's most recognizable technology companies, it's no surprise that San Francisco has a thriving science, technology, engineering, and math culture. Experience both sides of this tech-friendly region—hardware and software; art and science; city and nature; Silicon Valley and San Francisco—as you explore local museums, university campuses, and hands-on workshops. During your tour of the Bay, you'll discuss conservation in a redwood forest, dream about your future while visiting Stanford, and discover the intersections of science, art, and human perception at the Exploratorium.

# 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.

Take a ride on one of San Francisco's celebrated cable cars.



## 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.

### Day 1: San Francisco

Meet your Tour Director at the airport in San Francisco, the home to some of the world's largest technology companies, like Google, Facebook, Twitter, and Apple. Cruise the streets of the Bay Area and see Chinatown and Fisherman's Wharf. Then discuss the engineering marvels of the Golden Gate Bridge and the eight hairpin turns of Lombard Street. Finish your first day in San Francisco with a cable car ride.

### Day 2: San Francisco

Dive into the California tech scene with a walking tour of downtown San Francisco. Start at the Salesforce Tower, the tallest building in San Francisco, and then participate in a STEM workshop. After lunch, dive further into a world of science, art, and human perception at the Exploratorium. After dinner, enjoy an interactive, team-based scavenger hunt.

## YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; entrances to cable car ride, STEM Workshop, Exploratorium, scavenger hunt, technology museum, California Academy of Sciences, (with extension: California ecosystem activity, Marine Mammal Center, STEAM Workshop, UC Berkeley); 3 overnight stays in hotels (4 or 5 with extension); round-trip transportation; comfortable motor coach; gratuities; breakfast and dinner daily.

**Day 3: Silicon Valley**

Head to Silicon Valley for a hardware-focused visit at the Computer History Museum or the Tech Interactive. Then, snap a selfie in front of the Google headquarters or Apple's Infinite Loop. Spend the afternoon learning about the engineering, computer science, and biomedical sciences programs at Stanford University.

**Day 4: Depart for home**

Visit the California Academy of Sciences and take a behind-the-scenes tour to see how this 160-year-old institution is able to house over 46 million specimens. Then board your plane home.



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The California Academy of Sciences's living roof is home to around 1.7 million plants.



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Stroll through a towering redwood forest.

**+ 5-DAY TOUR****Day 4: Marin County**

Experience a quintessential California ecosystem by visiting a redwood forest like Muir Woods National Monument or exploring a mountaintop landscape on Mount Tamalpais. Grab lunch in Sausalito, then head for the oceans to tour the Marine Mammal Center and learn about their work rescuing, rehabilitating, and researching marine mammals from sea lions to otters.

**Day 5: Depart for home**

Visit the California Academy of Sciences and take a behind-the-scenes tour to see how this 160-year-old institution is able to house over 46 million specimens. Then board your plane home.

**+ 6-DAY TOUR****Day 4: San Francisco**

Experience a quintessential California ecosystem by visiting a redwood forest like Muir Woods National Monument or exploring a mountaintop landscape on Mount Tamalpais. Grab lunch in Sausalito, then head for the oceans to tour the Marine Mammal Center and learn about their work rescuing, rehabilitating, and researching marine mammals from sea lions to otters.

**Day 5: San Francisco**

Visit the California Academy of Sciences and take a behind-the-scenes tour to see how this 160-year-old institution is able to house over 46 million specimens. Then light up both sides of your brain as you participate in a STEAM workshop.

**Day 6: Depart for home**

Take a trip to the University of California, Berkeley—the crown jewel of the UC system nestled in the Berkeley Hills. Then board your plane home.

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

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## **Insight**

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## **Safety**

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