



# TOP STEM DESTINATIONS: San Francisco/Silicon Valley

Encourage your students to participate in Mission Science Workshops that align with Next Generation Science Standards (NGSS) and include; cracking shale rocks to find and identify fossils; building electromagnet speakers; assembling animal bone puzzles to discover animal locomotion systems; dissecting squid and constructing fan-powered circuit cars. Learn Imagineering: Audio-Animatronics® and Robotics at the Walt Disney Family Museum. Educational Destinations will make your San Francisco and Silicon Valley STEM trip rewarding and memorable. Your students are encouraged to bring their unique creative ideas to life and understand what it is to be a maker, inventor and entrepreneur at The Shop. From the Computer History Museum to Exploratorium, the Tech Museum of Innovation to and interactive scavenger hunt, your STEM students will enjoy the iconic attractions and museums. San Francisco has so much to offer your students that are ready to open their minds to STEM!

## EDUCATIONAL STEM OPPORTUNITIES:

- Activities align with NGSS
- Robotics Workshops
- Interactive Engineering Workshops
- Tech and Coding Workshops
- Sea and Space Planetarium Shows
- Hydraulics Workshops
- Ecology Workshops
- Bridge Builders
- Fairy Tale Engineering
- Push, Pull, Crash
- Light and Shadow
- Measurement and Me
- Stretch It, Shape It, Grow It
- Explore the Shore
- Plant Powered Engineering
- Working with Wind
- Constructing Fan-Powered Circuit Cars
- Dissecting Squid
- Bone Puzzles
- Building Electromagnet Speakers
- Find and Identify Fossils
- Animal Interactions
- Scavenger Hunts
- Puzzle Ball Labs
- Golden Gate Bridge Walks
- Silicon Valley Tour
- Imagineering: Creative Problem Solving
- Virtual Tours
- Technological Innovation: Animation
- Making a Splash: Animating with Special Effects
- Synchronized Sound & Animation
- Campus Tours
- Data Science Weekend Workshops
- Hands-On Demos with Advanced Materials
- Linkage Labs
- Design-Focused Parties
- Wind Turbines Workshops
- Design the Future Workshops
- Make Software Workshops
- Lights, Circuits, Action! Workshops
- Museum Sleepovers
- Benjamin Dean Astronomy Lectures
- BayEcotarium Programs
- Meet with Scientists
- Visit the Giant Sequoias
- Interactive Exhibits
- Autodesk Gallery's Design & Make Studio
- Help scientists collect data
- Tactile Dome Challenge

## STEM ATTRACTIONS:

- Childrens Creativity Museum
- Exploratorium
- Apple's Campus
- Mission Science Workshops
- San Francisco Zoo
- Save the Bay
- Walt Disney Family Museum
- Stanford University
- Muir Woods
- HP Garage
- Autodesk Gallery
- Redwood Forest
- University of California, Berkeley
- Computer History Museum
- California Academy of Sciences
- Golden Gate Bridge
- Aquarium of the Bay
- San Francisco State University
- California State University
- Monterey Bay Aquarium
- Cable Car Museum
- Bay Area Discovery Museum
- The Lawrence Hall of Science
- Intel Museum
- Bricks 4 Kidz
- Engineering for Kids
- Tech Museum of Innovation
- Intel Youth Education Program

## OTHER ATTRACTIONS:

- de Young Museum
- Alcatraz Prison Tour
- Fisherman's Wharf
- Golden Gate Park
- Pier 39
- USS Pampanito
- View San Francisco from Twin Peaks
- Grace Cathedral
- Monterey Cannery Row
- Hearst Castle
- Fort Point
- Mission Dolores & The Mission District
- Angel Island
- Musée Mécanique
- City Lights Bookstore
- Haight Ashbury & Golden Gate Park
- Kayaking
- San Francisco Bay Cruises
- The Walt Disney Family Museum
- San Francisco Zoo
- Ghost Hunt Walking Tours
- Whale Watching
- Museum of 3D Illusions
- Pacific Pinball Museum
- 7D Experience
- Climbing Gyms
- House of Air
- Madame Tussauds
- Ghirardelli Factory
- Urban Adventure Quest
- Magowan's Infinite Mirror Maze



Helping STEM teachers open minds and educate students around the world.

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