



EDUCATIONAL
TOURS



EF STEM

Robotics, Engineering, and the Future of Cities in Japan

In Japan, the technology fueling tomorrow's cities is on display today. Home to countless organizations specializing in robotics and engineering, this island country is at the forefront of innovation in sustainability and human mobility. From high-speed superconducting magnetic trains to Hybrid Assistive Limb technology, see how the future of cities is closer than you think in the experimental wonderland that is Japan.

Explore a world built on STEM

Science, Technology, Engineering, and Math shape communities across the globe. Our STEM-focused tours showcase the value of diverse ways of thinking and building while also highlighting the powerful universality of STEM subjects. At EF, we've spent over 55 years witnessing the power of educational travel, and we know how it can transform STEM learners. Each STEM tour challenges travelers to think critically and helps students develop innovative solutions to global problems.

What to expect on a STEM tour

EXPERIENTIAL LEARNING

Apply STEM principles 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 analytical issues of the day in real life.

INDUSTRY EXPERTS

Collaborate and learn with scientists, engineers, researchers, and other STEM practitioners in the field.

YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; entrance fees for Tokyo Skytree, Miraikan - The National Museum of Emerging Science and Innovation, Rinkai Disaster Prevention Park, cooking class, AIST Science Square, guided tour of research facility, JAXA Space Dome, Cyberdyne Studios, tea ceremony, Asakusa Kannon Temple, Hamarikyu Gardens, Maglev Exhibition Center, Japanese village visit, teamLab Planets (*with extension: Gyeongbokgung Palace, cooking class, Bukchon Hanok Village, Hyundai Motorstudio, Samsung Innovation Museum OR the National Aviation Museum of Korea, National Folk Museum of Korea, Suwon Hwaseong Fortress, N Seoul Tower*); 7 overnight stays in hotels (*11 with extension*); breakfast and dinner daily

Old meets new everywhere you look in Tokyo.





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Miraikan - The National Museum of Emerging Science and Innovation.

See the future come to life in Odaiba.



< Japan's trains are famous for their speed, and at the Maglev Exhibition Center, you'll learn how superconducting magnetic technology is evolving just as fast.

Day 1: Fly overnight to Japan

Day 2: Tokyo

Meet your Tour Director at the airport in Tokyo, the capital of Japan and a city of contrasts. Here, see how old meets new as you discover ancient temples and learn about the creation of modern technologies that will shape our future.

Day 3: Tokyo

Take a guided tour of Tokyo led by a STEM expert, including stops at the Shibuya District and Tokyo Skytree, Japan's tallest building. Visit Miraikan - The National Museum of Emerging Science and Innovation, where you'll explore exhibits on sustainable growth and evolution and ponder a future built by robot technology.

Day 4: Tokyo | Odaiba

Spend the day in Odaiba, a collection of man-made islands that serves as a futuristic residential and business district. Take a guided tour of the Rinkai Disaster Prevention Park, where you'll experience an earthquake simulation and learn how to survive different natural disasters. Next you'll tour Akihabara Electric Town, a cultural center for fans of anime and manga. Later, try your hand at preparing authentic Japanese food during a cooking class.

Day 5: Tokyo | Tsukuba

Take a day trip to Tsukuba, nicknamed the "Science City" of Japan. Start off with a visit to Science Square, a showroom for research from the National Institute of Advanced Industrial Science and Technology (AIST). Then, enjoy a guided tour of one of Tsukuba premier research facilities. Later, you'll visit the Space Dome at the Japan Aerospace Exploration Agency (or JAXA, for short) to learn about the country's current efforts in space exploration. Before traveling back to Tokyo, see Hybrid Assistive Limb (HAL) technology in action at Cyberdyne Studios—you may even get to test out the arm portion of a working HAL suit!

Day 6: Tokyo

Begin your day with a traditional Japanese tea ceremony before visiting Asakusa Kannon Temple. Here, restaurants, theaters, and cinemas surround a five-story pagoda—a perfect symbol of Tokyo's enduring past and ultramodern future. Later, stroll among the greenery and seawater ponds of Hamarikyu Gardens.

Day 7: Tokyo | Yamanashi

Head to Yamanashi Prefecture, best known as the home of Mount Fuji. Start out at the Maglev Exhibition Center where, through a series of interactive exhibits, you'll see how superconducting magnetic technology will enable Japan's trains to become some of the fastest on the planet. You may even be able to view a test run of the Maglev train as it zooms past the Center. On your way back to Tokyo, visit a quaint lakeside village and stop for a photo of the awe-inspiring Mount Fuji.

Day 8: Tokyo

Immerse yourself in art (literally) on a visit to teamLab Planets, a dynamic museum known for blurring the lines between its visitors and the art itself. Stop by the Unicorn Gundam Statue, then take some time to explore the city or [experience Japan's lively karaoke culture](#).

Day 9: Return home or add extension

Depart for home or extend your trip to Seoul, a modern city that stays close to its ancient roots.

Day 10: Seoul

Visit the Gyeongbokgung Palace, former residence of the Korean king, where you'll witness a guard-changing ceremony. Next, prepare a traditional Korean meal during a cooking class before visiting the Bukchon Hanok Village. End your day at the Hyundai Motorstudio, where travelers can check out Hyundai's cutting-edge car models and get a peek into the future of mobility.

Day 11: Seoul

Travel to Suwon. Marvel at the advanced architecture of the Hwaseong Fortress, a UNESCO World Heritage Site. Then, visit either the Samsung Innovation Museum, where you'll learn about the future of electronics, or the National Aviation Museum of Korea, for a view of the past, present, and future of Korean aviation. From there, explore the National Folk Museum of Korea, and venture to the top of N Seoul Tower for a bird's-eye view of the city.

Day 12: Seoul

Enjoy a free day in Seoul or [take a full-day tour of Korea's Demilitarized Zone](#).

Day 13: Depart for home

The world leader in international education

For over 55 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.

AFFORDABILITY

Every student should have the opportunity to travel, which is why we're dedicated to providing the lowest prices.

INSIGHT

We believe in experiential learning at the most important sites. Your Tour Director is with you at every step, providing their own perspective and local tips.

SAFETY

We're committed to your safety. With 600+ schools and offices in over 50 countries, EF staff can react quickly and in person wherever you travel.

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