



EF STEM

Belize: Conservation from Ridge to Reef

Experience Belize's natural beauty as you help preserve it. Go with the (literal) flow as you travel from the mountains to the ocean to explore the interconnectedness of Belize's freshwater and marine ecosystems. Contribute to ongoing efforts to decrease erosion through reforestation, check out climate-smart practices used by local farmers, and see the human impact on oceans firsthand during a beach cleanup.

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 50 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.



Participate in a beach cleanup on the island of Tobacco Caye.



YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; activities include ecological activity, conservation fieldwork, Nim Li Punit, sustainable farm visit, Mayan cultural visit, reforestation project, ziplining, Garifuna drumming lesson, Port Honduras Marine Reserve activities, Tobacco Caye activities; round-trip flights; 7 overnight stays in hotels; breakfast and dinner daily; lunch on Days 2–7

“I believe that when a student sees how the classroom is used in the outside world it powerfully impacts them. The ‘that looks cool, I want to do that’ reaction will guide them into STEM fields.”

Micah F., Earth Space and AP Environmental Sciences teacher



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Walk on the wild side as you explore the ecology of Belize's rainforest.



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Learn how to make tortillas from scratch at a local Mayan village.

Day 1: Fly to Belize

Meet your Tour Director at the airport in Belize City, your starting point to exploring this country's unique biomes.

Day 2: Belize City | Cayo region

Travel to the Cayo region. Visit the rainforest, where you will participate in ecological activities like stream and watershed assessment, tracking turtles via radio signal, or identifying local wildlife during a jungle walk. Experience the thrill of a ziplining adventure through the Belizean canopy. *(Participants must weigh less than 275 lbs.)*

Day 3: Cayo region | Punta Gorda

During today's visit to a local NGO, you will learn about their work in conservation and community development, and collect data on indigenous plants alongside rangers. Later, take a guided tour of Nim Li Punit, an ancient Mayan city and archaeological site. Then travel to Punta Gorda.

Day 4: Punta Gorda

At a sustainable farm, you'll discover how agricultural practices are linked to reef health, learn about climate-smart farming practices, and participate in activities like planting seeds, pruning cacao trees, or harvesting fruit. You'll also learn about Mayan culture at a local village. Here you'll make tortillas from scratch (then sample your creations!), see firsthand how chocolate goes from bean to bar, and try your hand at traditional basket-weaving and Mayan dances.

Day 5: Punta Gorda

Support biodiversity during a reforestation project, which helps to stabilize riverbanks, decrease erosion, and improve water quality. Tonight, learn traditional drumming techniques from the indigenous Garifuna people before enjoying a locally sourced dinner cooked over a fire hearth.

Day 6: Punta Gorda | Southern coast

Explore the Port Honduras Marine Reserve, where you will visit the Abalone Caye Ranger Station, participate in an underwater transect survey, and get an up-close look at marine life while snorkeling. You'll also visit Punta Negra and learn how climate change and coastal erosion are affecting this community. Help local scientists monitor the manatee population before traveling to the southern coast.

Day 7: Southern coast | Tobacco Caye

Take a day trip to the island of Tobacco Caye. Here, visit a nearby marine research field station and snorkel along the longest barrier reef in the Western Hemisphere. You'll also participate in a beach cleanup activity and hear more about the impact of plastic pollution from an expert.

Day 8: Depart for home

The world leader in international education

For over 50 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

We always offer the guaranteed lowest prices so more students have the opportunity to travel and experience the world.

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.

THE EASIEST WAYS TO ENROLL TODAY

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EF Educational Tours

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