



EDUCATIONAL  
TOURS



EF STEM

## Agriculture in the Dominican Republic

Explore the science behind some of the Dominican Republic's natural (and extremely tasty!) resources. Discover firsthand how chocolate goes from bean to bar, measure the sugar content of pineapples, and learn how agriculture and fair trade go hand in hand during a visit to a banana farm. Along the way, you'll see how sustainable initiatives like permaculture and agroforestry help crops go from farm to table.

# 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.



Learn how pineapples are grown and harvested at a plantation in San Francisco de Macorís.



### YOUR EXPERIENCE INCLUDES

Full-time Tour Director; sightseeing tours; activities include environmental institute tour and conservation activity, coffee factory tour, permaculture workshop, whitewater rafting, banana farm tour and workshop, agricultural university tour and workshop, cultural activity, northern coast activities, cacao plantation tour and workshop, pineapple plantation tour and workshop; round-trip flights; 8 overnight stays in hotels; breakfast and dinner daily; lunch on Days 2–8



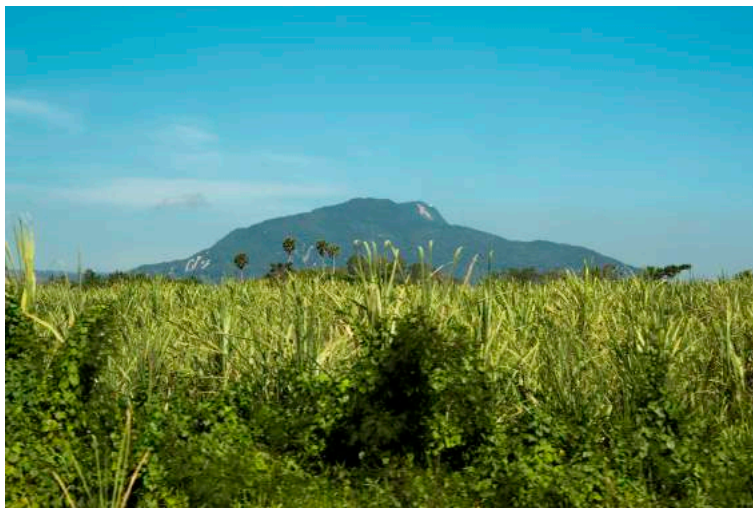
“I believe that when a student sees how the classroom is used in the outside world it powerfully impacts them. The ‘that looks cool, I want to do that’ reaction will guide them into STEM fields.”

Micah F., Earth Space and AP Environmental Sciences teacher



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Cruise through a mangrove forest along the country's northern coast.



#### Day 1: Fly to the Dominican Republic

Meet your Tour Director at the airport in Santo Domingo, your starting point to exploring this country's agricultural resources.

#### Day 2: Santo Domingo | Jarabacoa

Take a guided tour of Santo Domingo, a UNESCO World Heritage Site. Learn about agriculture and rural economic development in the Dominican Republic at a nonprofit research foundation. Continue on to Jarabacoa and visit an environmental institute, where you will participate in activities like composting, reforestation, or greenhouse maintenance.

#### Day 3: Jarabacoa | Santiago

Tour a local coffee factory to learn about the drying, grinding, toasting, and packaging processes (and enjoy a coffee tasting). Participate in a permaculture workshop, focusing on natural ways of producing crops. Then enjoy a whitewater rafting excursion before traveling to Santiago.

#### Day 4: Santiago

Visit a banana farm, where you will meet banana growers and agricultural experts, learn about fair trade farming practices, and explore the entire production process, from harvest to export. Then discover how weather conditions affect leaf decay during a field workshop.

#### Day 5: Santiago

During a visit to an agricultural university, you'll tour the labs, see where local students research, and participate in a food safety workshop. Later, explore the cultural side of Santiago through a street art tour or pottery workshop.

#### Day 6: Santiago | Northern coast | San Francisco de Macorís

Take a guided tour of a national marine park where tropical plants and pristine beaches abound. Enjoy a naturalist tour of the lagoon. Spend some time relaxing on the beach before traveling to San Francisco de Macorís.

#### Day 7: San Francisco de Macorís

Take a cacao tour through an ecological reserve and participate in a soil analysis workshop. At a cacao processing plant, you'll see how chocolate goes from bean to bar.

#### Day 8: San Francisco de Macorís | Cevicos | Santo Domingo

Visit a pineapple plantation, where you will explore the pineapple production process and learn how to measure the sugar content of pineapples. Then return to Santo Domingo.

#### Day 9: 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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800-665-5364

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EF Educational Tours

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