

Please see the **NOTICE ON PROGRAM UPDATES** at the bottom of this sample itinerary for details on program changes.

Please note that program activities may change in order to adhere to COVID-19 regulations.



# The STEAM Experience: London, Paris & Geneva™

Science and travel collide as you explore some of the epicenters of STEAM learning and research.

#### OVERVIEW

On this program you will travel to five cities that are making their mark in the fields of science, technology, engineering, arts and mathematics (STEAM). Your adventure begins in London, Great Britain's metropolitan hub. From there, venture north to Oxford and Cambridge, the world's second and fourth oldest universities. Hop the English Channel and spend three days in Paris, France where you'll explore the "City of Light" so named for its role during the Age of Enlightenment. Finally, journey south via high-speed train to Geneva, home of the United Nations and a longtime European hub for scientific research.

14-DAY PROGRAM

July 5 – July 18, 2022

Tuition: \$6,399 Service Hours: 10 Language Hours: 0 Max Group Size: 45 Age Range: 14-19 Student-to-Staff Ratio: 8-to-1 Airport: Arr: LHR / DEP:GVA

#### HIGHLIGHTS

- ★ Be a scientist for a day at the European Organization for Nuclear Research (CERN)
- ★ Visit the iconic Eiffel Tower and Louvre in Paris
- ★ Get a birds eye view as you sore over the city on the London Eye
- ★ Investigate the hands-on experiments and exhibits at Palais de La Decouverte
- ★ Pitch in on a meaningful service project to help support the local community

## DAILY BREAKDOWN

Actual schedule and order of activities will vary by program session. The information detailed here is typical for what you can expect to experience; however, service work and activities vary depending upon the needs of our local community partners, various celebrations and customs, as well as the weather and specific needs of the student group.







#### DAY 1: WELCOME TO ENGLAND!

Welcome to England! GLA staff will meet you when you land in the London airport. Together we'll travel to your new home away from home. Get settled into your room and start getting to know your fellow travelers. We'll have an English welcome dinner together and then gather for a brief orientation.

#### DAY 2: EXPLORING THE CITY OF LONDON

Before we jump into academics, we'll start with an exploration of London. We'll start the day with the best view of central London from the London Eye, a cantilevered observation wheel on the South Bank of the River Thames. Next we will explore Westminster with your Local Director to watch the Changing of the Guard. From there, we'll take a cruise down the Thames to see some major landmarks. After lunch, we will participate in an interactive drama workshop led by a professional actor where we will learn about acting techniques, how to engage audiences, develop confidence and take risks. We will enjoy dinner at our London hotel and then have our first GLA Leadership activity.

#### DAYS 3: FORENSICS AND THE SCIENCE MUSEUM

We'll start the day off with a hands-on forensic workshop! Evaluate the evidence and collect DNA from a fictional crime scene before using molecular biological techniques to identify the criminal. After lunch at a local restaurant, we'll visit the Science Museum. Explore many interactive exhibits, such as the Atmosphere, an interactive new gallery focused on our "Pale Blue Dot", the capsule that keeps Earth viable for life. After dinner, we'll head to the West End for a night at one of London's famous theatre shows.

## DAY 4: OXFORD STUDY

After some travel time to Oxford, you may get a chance to walk through Oxford's famous sights on a guided tour, including Christ Church college. After the tour, you might even get a chance to attend an exclusive lecture and Q&A session with researchers from the Oxford Zoology Department! Perhaps you'll discuss biodiversity and the challenges it faces OR you'll get a chance to visit the team at BOLD study -- an innovative project examining speech and communication development. In the afternoon, once we have finished lunch at a local restaurant, we'll likely visit Culham Centre for Fusion Energy and see MAST and JET research in progress. Then, we'll











travel back to our London hotel for the night.

#### DAY 5: MATH AND MEDICINE IN LONDON

This morning, we'll start things off with an exclusive "How Mathematics Changes Lives" lecture. Explore how using math in our everyday moments can help us reach profound insights to daily problems. After our lecture, we'll visit a University Pathology museum, with over 2000 specimens dating back to the 1800s. These collections are usually reserved for the eye of medical students only. We'll spend the afternoon making a difference volunteering on a local community project before returning to our London hotel for another hands-on GLA Leadership activity.

## DAY 6: EXPLORING CAMBRIDGE

Today, we'll have an exclusive opportunity to have a talk with a researcher on his extensive research into pain. After our talk, we'll take a tour of King's College and explore Cambridge on foot with a local guide. Once we're finished with lunch, we'll visit the Polar Institute to learn about the unique biome, geological and climate processes affecting Earth's polar regions. To finish off the day, we'll spend the evening enjoying the thrills and spills of punting on the River Cam. A dry change of clothes is recommended!

## DAY 7: LONDON TO PARIS

For our last day in London, we'll spend time with a STEM student and find out what it's like to study at one of London's top Universities. We'll take part in an exclusive engineering lecture breaking down the stereotypes and discussing applications of modern robotics, biomedicine, and computer sciences. We'll take a packed lunch as we transfer to St. Pancras by executive coach to catch the Eurostar to Paris. We'll spend the night in our hotel in Paris.

## DAY 8: EXPLORING PARIS

We'll begin the day by seeing everything we possibly can in Paris! We'll take the Metro to travel to the Eiffel Tower and enjoy the views from this incredible engineering marvel. After we get a taste of true French cuisine at a local restaurant for lunch, we'll visit the Louvre, the world's largest art museum and one of the most iconic landmarks in Paris. We'll have dinner back at our hotel in Paris and complete our third GLA Leadership activity to finish off the night.

#### DAY 9: SCIENCE & ART IN PARIS

Today, we'll start our day with a visit to Palais de la Decouverte , a grandiose science museum where we will tour extensive exhibits in mathematics, physics, astronomy, chemistry, geology, and biology, with interactive experiments along the way. After Lunch, we will visit the iconic basilica of Sacré-Coeur and take in the views of ancient cobbled streets of Paris' most charming neighborhood. While in Montmartre, we will enjoy a drawing and sketch class from









a local artist before walking around for some last minute shopping in this beautifully authentic village.

## DAY 10: PALACE OF VERSAILLES

After breakfast, we'll visit the Cité des Sciences et de L'Industrie, the biggest science museum in Europe. Touch the stars in a 30 minute astronomy talk in the Planetarium. Once we're finished with lunch in a local restaurant, we'll spend the afternoon visiting the Palace of Versailles and its extraordinary gardens. Once the residence of France's kings, the Palace of Versailles is now one of the most visited monuments in France. We'll have dinner and spend our last night in Paris at our hotel.

## DAY 11: PARIS TO GENEVA

We'll spend the morning traveling from Paris to Geneva on a high-speed TGV train and have a packed lunch for our journey. Once we get to Switzerland, we'll have an orientation of Geneva, in which we'll see the Geneva Water Fountain and the Flower Clock, as well as have a walk around the Old Town. We'll have dinner at a local restaurant in Geneva and do a GLA Leadership activity to conclude the day.

## DAY 12: SCIENCE AT CERN

Today, we'll get a true taste of what it is like to be a scientist! A scientist will introduce you to a day at the European Organization for Nuclear Research (CERN). Explore the mysteries of the universe and learn about the monumental equipment used by physicists at CERN, such as particle accelerators and detectors.

We'll also dive into the fascinating universe of particles as we are guided through both of CERN's current interactive exhibitions to learn more about the contemporary physics being explored at the facility.

We'll have lunch at CERN and then head back for an afternoon of relaxation in Geneva before heading back to our hotel for the evening.

## DAY 13: THE UNITED NATIONS

It's time to look at the bigger picture, and today we'll learn what it means to have "an air of peace and the winds of freedom" perspective on a guided visit of the UN Palais de Nations. This location we have the opportunity to visit has been the home of the United Nations since 1936. Once we finish lunch in a local restaurant, we'll visit the International Red Cross Museum. This visit will offer a glimpse into this humanitarian organization that has been operating for 150 years. This evening, we'll have our farewell dinner with Swiss-famous fondue as we prepare ourselves for our departure the next day.

#### DAY 14: DEPARTURE

Before you know it, the 14-day discovery journey must come to an end. Head to the airport with memories & knowledge that will benefit you for life! Staff will assist with checking in and accompany them until they have safely departed for their gates at Geneva Airport.

#### NOTICE ON PROGRAM UPDATES

Every year brings new and exciting opportunities for experiences we can offer students on our programs. While this program is being planned for 2022, some activities or details may change between now and the program start date. Please note that references from past participants and previously published information may not accurately reflect every aspect of this program. Refer to the sample itinerary above or to the GLA website for the most up-to-date version of program activities, and please note that further updates may be made between now and the program start date.

#### **POSSIBLE CHANGES TO PROGRAM ACTIVITIES DUE TO COVID-19**

Due to the COVID-19 pandemic, please note that program activities may change in order to accommodate COVID-19 regulations. In particular, service projects and other activities that typically involve close contact or engagement with members of the local community may be curbed, altered or skipped depending on staff evaluations on the ground and/or at the discretion of our Executive Director and Director of Program Operations & Risk Management. Every effort will be made to provide an exceptional experience on-location, at whatever level of community interaction is deemed safe at the time.

## TRAVELING TO EUROPE

GLA CELL PHONE POLICY | We want to make sure parents, students, and staff are on the same page regarding cell phone usage during GLA programs. Cell phones may be used *only during designated times* on the program as we are striving to create an environment to allow students to unplug and immerse themselves in the experience. Use of phones and electronic devices will never be allowed during meals, Mentor groups, leadership workshops or group excursions and may be collected by staff during these times. While we encourage students to challenge themselves to disconnect and leave their cell phones at home, we understand that many families feel more comfortable with that connection. That said, some locations may have unreliable cell phone service. Please know, Wifi will not regularly be available for student use. Once you are enrolled in your GLA Program, please take a moment to review GLA's policy on phones and internet on the Travel Portal and be sure to review this with your student.

GLA HOME BASE | The Home Base for this program is a series of hotels along the way in each of the countries we visit. Students will be placed in hotel rooms 2-4 at a time, pending the size of the room and amenities. Student rooms will be in clusters near each other with staff nearby, there will also be a main meeting space for each group. All hotels will meet GLA Home Base model standards.

FOOD | Explore the culinary blend of European culture from the Netherlands to Belgium to Germany. Dutch cuisine consists of hearty stews, vegetables, croquettes, seafood, cheeses and their famous stroopwafel. Belgium has distinct national dishes such as hamburgers and spaghetti bolognese and enjoy their healthy meats and vegetables, and of course, their world-famous chocolate for dessert. German cuisine is most known for its various grains and proteins, sauerkraut and bratwurst, roast beef stew and Kartoffelpuffer (Potato Pancake). GLA students will have the opportunity to taste the culinary differences as they travel from city to city dining in various European restaurants.

CLIMATE | The United Kingdom has temperate climates, but there is some fluctuation in temperature and weather. The travel days here will be anywhere from 50-75 degrees, with quite a bit of rainfall. Don't forget your rain jacket! Central France can reach temperatures in the high 80's, but this is fairly rare and most of the coastal climates are around 70 degrees over the summer.

Rainfall in France is average. The climate in Switzerland is moderate with no excessive heat, cold or humidity. The summer daytime temperature ranges from 65-82 degrees.

## LEADERSHIP

Global Leadership Adventures started as an educational institute, so we continue to think and act like educators—not tour operators—as we deliver life-changing programs. We intentionally weave a leadership curriculum into the daily experience on our programs. Through group discussion, meaningful service, workshops, speakers and excursions, staff guide students to reflect on program events through the lens of leadership, and celebrate outstanding examples of leaders they encounter in the local community. Lending this context to the experience creates opportunities for students to dig deep into their vision, purpose and knowledge of themselves and the world.

## ABOUT GLOBAL LEADERSHIP ADVENTURES

**Global Leadership Adventures** was founded in 2003 by Fred Swaniker, a native of Ghana, TED Fellow and educational entrepreneur whose work has been praised by Barack Obama. Born as a global extension of the revolutionary African Leadership Academy, Global Leadership Adventures now operates programs centered around leadership, sustainable community service projects, and meaningful travel across Africa, Asia, Europe or the Americas. Through life-changing adventures, we strive to inspire the next generation to realize their potential to transform the world and their role in it.

GLA HAS BEEN FEATURED IN: The New York Times USA TODAY. NBC NEWS The Boston Blobe Seventeen

## **Our Expectations**

#### Be present

Our mission at GLA is "to inspire the next generation to realize their potential to transform the world and their role in it." To that end, we expect GLA students to maintain high standards of personal behavior and to be open-minded. The culture may be different, sometimes shockingly so. GLA will challenge students as they are expected to work hard and be present physically and mentally for all activities. We also ask students to take a step back from regular use of technology - particularly their smartphones so as to maximize their engagement with the program and their fellow participants. Students may get hot, dirty and bug-bitten along the way, but their contribution can transform the community. The goal is for each student to return home having had a life-changing experience.

#### No tolerance

GLA has a no-tolerance policy towards drugs, alcohol, tobacco and disruptive behavior. Those who violate or are suspected of violating this policy will be immediately dismissed from the program at the sole discretion of GLA staff.

#### **Community-Led experiences**

GLA makes every effort to offer thoughtfully crafted programs for teens and young adults. Detailed planning and exhaustive communications with partners are indispensable parts of our program development process. However, occasionally service and activities are adjusted from session to session, due to weather, changing needs of our local community partners and/or various

cultural celebrations and customs. We expect participants to be open-minded and flexible, willing to embrace the experience when plans change. GLA makes every effort to communicate adjustments to students and families with advance notice. We expect you to be open-minded and flexible.

#### Mentorship

GLA is not a therapy program. Our staff are highly skilled, professional, caring and fun, but they are not licensed therapists. GLA programs can be physically and emotionally demanding, and applicants should be in good physical and mental health.

## We're Here to Help

#### **Contact Us**

Want to learn more about Global Leadership Adventures and our available programs? Our Admissions Team has expertise and insights into our slate of program offerings, and we're happy to answer any questions you might have. We have collectively visited or staffed many of our GLA programs around the world, and we have advice to share on everything from getting your travel documents together to what a typical day on a program is like. Call us at 1-858-771-0645 any time during office hours for assistance.

#### **Enroll Now**

We encourage you to enroll on your 1st choice program as early as you can! In fact, our most popular programs fill early every year, and many students end up putting off the quick and easy application process only to end up on the waiting list. The best way to ensure that you save your spot is to place your deposit and apply early. You can easily enroll online at <a href="https://www.experiencegla.com/enroll">www.experiencegla.com/enroll</a>.