

STEM Adventures at SEGA, 2023

The STEM Adventures at SEGA Program at [the SEGA Girls' School](#) in Morogoro, Tanzania will take place **July 22 - August 3, 2023**. We are connecting with you to [inquire about your interest in participating in this year's STEM Program](#). We are currently recruiting **12 volunteers**.

We have a FAQ section below with key information as we currently know it. We are in the early stages of organizing this year's trip, so more information will be shared in the weeks and months to come!

FAQ

1. What are the STEM Adventures at SEGA dates?

- The travel dates are Saturday, July 22 for arrival into Dar es Salaam and Thursday, August 3 for departure from Dar es Salaam. The STEM program activities will run from Monday, July 24 - Monday, July 31, 2023.

2. What date and time should I plan for my flight to arrive in Dar es Salaam?

- Your flight should arrive in Dar es Salaam at the Julius Nyerere Airport at **2 PM, 7 PM, or 11 PM on Saturday, July 22**. We will arrange for transportation to [Mediterraneo Boutique Hotel](#) for dinner and overnight accommodations.

3. Is this the first year for this program?

- Our pilot STEM Adventures at SEGA program was in June 2022! It saw 11 volunteers who launched the inaugural program focusing on climate change, environmental sciences, and STEM careers with 67 Form 1 SEGA Students. Check out [photos from the 2022 STEM Program here!](#)

4. Which students will be participating in the STEM Adventure at SEGA Program?

- SEGA's Form 1 students will be partaking in the program. In Tanzania, the participation of female students in Science, Technology, Engineering, and Mathematics (STEM) disciplines in Higher Education is low. According to UNESCO, women in Tanzania represent 40% of university enrollment, but only about 24% are enrolled in STEM. To achieve higher levels of girls' participation in STEM subjects [Nurturing Minds](#) and SEGA has planned this STEM extracurricular program which will reinforce concepts learned in class, make STEM learning interactive and accessible, and emphasize the myriad possibilities of careers in STEM for women.



5. Who is leading the STEM Adventures at SEGA Program?

- Groups of volunteers primarily from the U.S. will provide intensive STEM training for students. The STEM Program Volunteer Leader(s) and SEGA's Deputy Head of School, and SEGA's STEM teaching staff all play a key role in coordinating the short-term volunteers.

6. What are the activities of the program?

- Modeled after our English Fluency Program, the STEM Adventures at SEGA Program will include student and volunteer-led activities to engage in science practices in the lab and in the field. We will explore, explain, and evaluate the environment through the lens of a chemist, biologist, mathematician, physicist, and environmentalist. Students will be participating in week-long activities learning relevant science topics. The program will culminate with an end-of-week Science Share, a field trip, and special guest speakers from local women scientists!

7. What will I be doing every day?

- We have built and designed a well-balanced itinerary that keeps our target goal and objective of the program in mind, allows for ample opportunities to get to know the students, and we have planned excursions outside of SEGA's campus for you to explore Morogoro and Tanzania! While on campus you and your counterpart volunteer teachers will lead morning and afternoon lessons, fun activities, and reading sessions. We have a highly detailed lesson plan which provides volunteer teachers with very specific lessons that are easy to follow and implement. Outside of the program, there are cultural exchange opportunities such as chapati cooking with the students! We want you to explore and enjoy your time in Tanzania as well, and we have planned a weekend safari trip to the local [Mikumi National Park](#), an adventure through the [Uluguru Mountain Hike to the Choma Waterfall](#), and lunch at the Choma Village!

8. What if I do not want to travel to SEGA, but I want to support the program? What are my options?

- We appreciate all your help to ensure our program is a success! Donations towards supplies and programmatic expenses along with volunteering on our STEM Committee are two great options to be involved! Email Myranda at myranda@nurturingmindsinafrica.org to ask how you can support from home.

9. What happens if the program is canceled due to COVID-19 concerns?

- Initial deposits may be refundable for trip cancellations caused by COVID-19 restrictions or other world events, affecting the volunteer/visitor's ability to travel internationally. Contact myranda@nurturingmindsinafrica.org for more information.

10. What is the COVID-19 vaccination rate of Tanzania and SEGA Girls' Secondary School?

- SEGA and Nurturing Minds recommend that all SEGA Staff be up to date on COVID-19 vaccines. SEGA has been diligent in hosting 2 COVID-19 health talks and vaccine clinics for teachers and staff.



- As of August 2022, [54% of Tanzania's](#) eligible population has been vaccinated, and as of November 2022, 28 out of 63 SEGA staff members are vaccinated. 44% of our campus staff is up to date on COVID-19 vaccines.
- Currently, Tanzania is not vaccinating youth 18 years of age and younger because of this, no SEGA students are vaccinated.

11. What happens if I go to Tanzania and contract COVID-19?

- SEGA has developed a [COVID-19 response plan](#) to keep all visitors, and the SEGA community healthy and safe. We have identified a local hospital in Morogoro which was established specifically to aid the community with COVID-19. We have identified self-isolating comfortable spaces for any visitor which may become ill. We highly suggest bringing at-home testing kits with you on your travels and masks, and we will provide thermometers, hand sanitizers, and hand soaps.

12. Do I need to be up to date on all my COVID-19 vaccinations to attend?

- Yes. Nurturing Minds is requiring, to keep the SEGA campus healthy, that all visitors be up to date on all COVID-19 vaccines as recommended by the CDC.

13. Do I have to wear a mask while visiting SEGA's campus?

- Mask-wearing is advisable for all visitors while on campus in spaces where it is not possible to social distance specifically in all transportation. We highly recommend that visitors bring their supply of preferred masks because masks are not readily available in Morogoro or at SEGA.

14. How can I find out more information about traveling and COVID-19?

- We are advising all travelers to monitor the CDC and the US Embassy in Tanzania websites for all information about COVID-19 and traveling to Tanzania. You should also register with the State Department's STEP Program which will provide you with travel warnings, etc.

15. What is included in the land costs?

- The land cost total is **USD 2,000**. Included in all land costs are the costs for accommodations at the SEGA Volunteer House, food at all hotels and SEGA Volunteer House, all hotel accommodations, excursions around Morogoro, all tips and gratuities for non-SEGA staff, tips and gratuities for SEGA Volunteer House personnel, all off-campus tours, and activities fees, and all round-trip transportations.

16. What is not included in the land costs?

- Not included in the land costs are fees for obtaining a Tanzania Business Visa (USD 250), airfare, alcohol, soda, snacks, Travel Health Insurance including emergency medical evacuation, any COVID-19-related costs, and any souvenirs which may be purchased.

17. Is there a deposit?

- Yes, a deposit of \$500 is required at the time of booking.

18. What is the deadline for booking?

- The deadline for making a deposit and letting us know you will be volunteering and traveling to SEGA is **Sunday, April 30 , 2023**.



- The deadline for making the final payment is **Friday, July 8, 2023**, which is 2-weeks before departing.

19. Is there a payment schedule?

- We are offering a payment schedule for those who would prefer. You also have the option of making full payment at the time of booking.
 - i. Deposit: \$500 due by April 30, 2023.
 - ii. Payment 1: \$750 due June 16, 2023.
 - iii. Payment 2 (final payment): \$750 due Friday, July 8, 2023.

20. How do I book?

- We have set up a private WeTravel link for easier booking and managing! Please follow the link below to start booking your volunteer experience at SEGA!

STEM Adventures at SEGA Booking Page: <https://tri.ps/jJmlj>

21. I am not a teacher or scientist, but I am enthusiastic and want to help! Will I be trained in teaching and the program curriculum?

- Yes! Our STEM Committee will be hosting 3 zoom training sessions in June and July 2023 prior to our scheduled departure date to review important logistics and travel information including teaching and the curriculum. Once we arrive we will meet multiple times for Group Planning Sessions to discuss, prepare, and plan for the curriculum and teaching. Every evening after dinner we will also debrief, evaluate, and plan for the following day's plan. There is also a designated day on SEGA campus to get oriented with the program materials, volunteers, students, and campus before the program begins!

22. Who should I contact if I am interested in participating in this year's program?

- If you are interested in participating in this year's program contact myranda@nurturingmindsinafrica.org!