

STEM Adventures at SEGA: Program Agenda Overview

July 22 - August 3, 2023

Dar Arrival	Saturday, July 22	Volunteers arrive in Dar es Salaam and stay at Mediterraneo Boutique Hotel Group dinner at hotel
SEGA Arrival	Sunday, July 23	Volunteers travel to SEGA Welcome and orientation to staying at SEGA Dinner with Headmistress Elly Sarakikya Volunteer Orientations to review program expectations, goals, objectives
Day 1	Monday, July 24	Volunteer Orientations / Group Planning Sessions School Tour Meet and Greet SEGA Form 1 Students Lunch with SEGA STEM Teachers Day 1 Lessons: <ol style="list-style-type: none"> 1. What is a Scientist (1 hr) 2. Women Biographies (1.5 hrs)
Day 2	Tuesday, July 25	Day 2 Lessons: <ol style="list-style-type: none"> 1. Barometer (1.5 hrs lesson with each group set) 2. Weather Station (1.5 hrs lesson with each group set) 3. Photosynthesis (1.5 hrs lesson with each group set)
Day 3	Wednesday, July 26	Day 3 Lessons: <ol style="list-style-type: none"> 1. Solar System Model Making (2 hr lesson with each group set) 2. Solar System Lecture (1 hr lesson with each group set) 3. Telescope Lecture Theory Lesson (1.5 hrs with each group set) 4. Look at Telescope (2 hrs with each group set) 5. Using the telescope (1 hr)
Day 4	Thursday, July 27	Day 4 Lessons: <ol style="list-style-type: none"> 6. Solar Energy Heat (1 hr with each group set)



		<p>7. Solar Energy Light (1 hr with each group set)</p> <p>8. Using the telescope (1 hr)</p> <p>*Soccer evening</p>
Day 5	Friday, July 28	<p>Day 5 Lessons:</p> <p>9. Microscope (1.5 hrs with each group set)</p> <p>10. Math Volumes (1.5 hrs with each group set)</p> <p>11. Acids and Bases (2 hrs with each group set)</p> <p>*Dinner in Morogoro Town</p>
Day 6	Saturday, July 29	<p>Day 6 Lessons:</p> <p>Volunteers & Students visit SUA University Botanical Gardens</p> <p>Guest Speaker(s) visit</p> <p>Using the telescope (1 hr)</p>
Day 7	Sunday, July 30	<p>Volunteers Hike to Choma Waterfall</p> <p>Optional to join SEGA Students Religious Sessions</p> <p>Science Share and Exhibit Prep</p>
Day 8	Monday, July 31	<p>Science Share</p> <p>Farewell Ceremony</p> <p>Guest Speaker visit</p> <p>Surveys</p> <p>Movie Night: <i>Boy Who Harnessed the Wind</i> OR <i>Hidden Figures</i></p>
Day 9	Tuesday, August 1	<p>Volunteers travel to Mikumi National Park for game drives and overnight stay at Foxes Safari Camp, Stanley Kopje</p>
Depart SEGA	Wednesday, August 2	<p>Volunteers Depart Mikumi National Park for Dar es Salaam for an overnight stay and dinner at Hotel Slipway</p>
Depart Dar	Thursday, August 3	<p>Volunteers Depart Dar es Salaam</p>