



Afro-Tech Girls STEM Summer Boot camp

Introduction

African Girls in Science and Technology Initiative a.k.a Afro-Tech Girls (ATG) is a non-profit organisation established with a vision to see more women represented and being celebrated in the world of Science, Technology, Engineering, and Mathematics (STEM). This we hope to achieve by Educating, Encouraging and Empowering young African girls on the possibilities and options available to them.

Since inception in June 2014, we have been working consistently to come up with creative and engaging programs to reach out target audience in line with our goal to Educate, Encourage and Empower.

Our Mission

The overarching goal of Afro-Tech Girls is to advance young women in Science, Technology, Engineering, and Mathematics (STEM) fields. Our mission is to encourage, educate, and empower African girls of secondary and university levels interested in the STEM fields through mentorship, teamwork, creativity, and innovation.

Our Vision

We envision a world where there is a gradual but consistent reduction in the gender gap in the STEM industries and there are increased numbers of women actively involved and attaining top positions in these industries, whilst being recognized for their achievements.

Project Description

A 2-week summer boot camp for 100 secondary school girls age 10 - 18 years. This program aligns with two of Afro-Tech Girls' three core pillars; Educate and Encourage. The aim is to train girls from underserved communities/schools to hands on and practical experience with STEM tools like coding, energy and empower them to use these in solving real life problems. The boot camp will provide an experiential learning environment and encourage team work among girls.

Methodology / Approach

Participants will be grouped into different teams learning a particular STEM Topic like Internet of Things (IoT), Robotics, Web development, Coding, Renewable energy, and Animation. At the end of the training, participants in teams will solve community challenges in the region using the knowledge gained from the training held.

One day would be set aside for students to be mentored and gain leadership, entrepreneurship and other important soft skills from selected guest speakers.

It will be structured to be fun, engaging and informative for all participants.

How we hope to achieve this

By collaborating with the best educational training organizations and engaging well-trained facilitators & volunteers each day the girls will have the opportunity to learn a new skill or develop an existing one to further expand their thinking on how to solve the problem.

Afro-Tech Girls

Board of Trustees: Allannah Yvonne, Johnson Morenike, Shasanya Adeola

E-Mail: info@afrotechgirls.org

Website: www.afrotechgirls.org

Budget

Number of Days	10
Number of Students	100
Number of Volunteers per day	6
Number of trainers per day	6

Conversion rate: \$1 to N360

DESCRIPTION	Quantity	Estimated (NGN)	Estimated (USD)
Venue	1	₦500,000.00	\$1,388.89
Refreshments*	111	₦721,500.00	\$2,004.17
Facilitator & Training Materials	6	₦600,000.00	\$1,666.67
Certificate	100	₦35,000.00	\$97.22
T-shirt	105	₦262,500.00	\$729.17
Internet	3	₦36,000.00	\$100.00
Photography/Videography	1	₦100,000.00	\$277.78
Media/Publicity	1	₦20,000.00	\$55.56
Souvenir	100	₦250,000.00	\$694.44
Souvenir for guest speakers	2	₦10,000.00	\$27.78
Total		₦2,535,000.00	\$7,041.67
Miscellaenous (10% of total)		₦253,500.00	\$704.17
Grand Total		₦2,788,500.00	\$7,745.83

* Lunch and beverages over the 10 day period