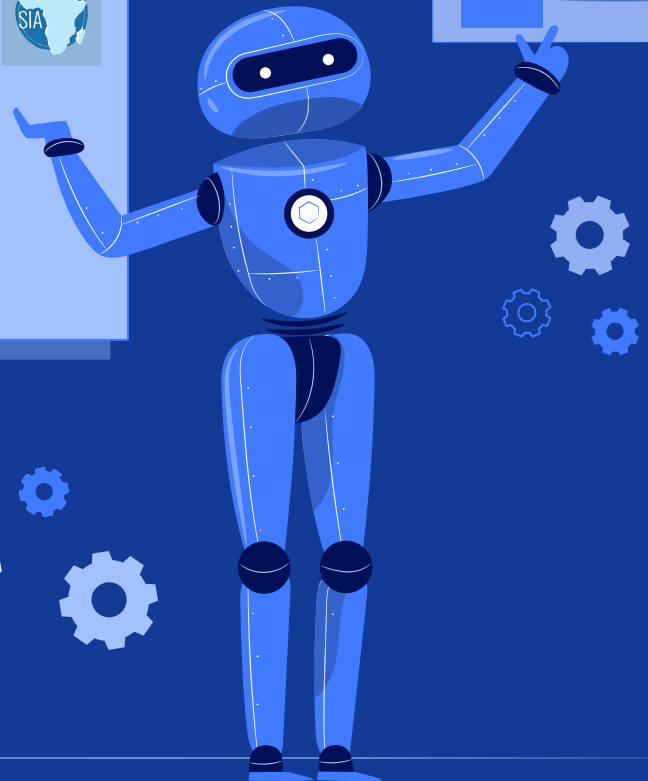


STEM in Africa in collaboration Youth Climate Award Network



Identifying &
Breaking Barriers.





WHAT IS SIA?

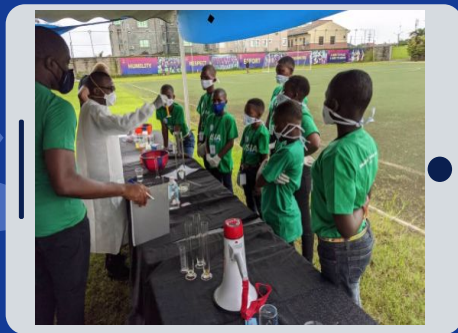
02



We achieve our aim through organising engaging and inspiring STEM-based events and activities, as well as through running fundraising initiatives.

01. STEM In Africa (SIA) is a non-profit organization that aims to promote STEM in Africa. Founded by Fara Bakare in early 2020, SIA aims to spread the word about STEM and galvanise African youth from less privileged communities to get more involved with STEM globally.





IMPORTANCE OF SIA

Since launching SIA, we have introduced various programmes to encourage and expose children in Africa to interesting and interactive STEM subjects and topics. For example, our monthly SIA Mentorship Alliance (SMA), SIA2U (our podcast series), and our first-ever SIA conference in July 2020.





SMA Call 2.0

Topic: Pathogens and the Immune System

CURRENT PROJECTS

SIA MENTORSHIP ALLIANCE (SMA)

We have a network of over 50 mentors who are dedicated to teaching and building relationships with students from different locations across Nigeria who are interested in our STEM programmes.

Our monthly calls provide educational support to our mentees but also provide a space for mentors and mentees to share their dreams and aspirations with each other.



Students from Holy Rosary International College,
Owerri, at one of our mentorship calls.



Nwafor Olivia presenting her homemade engine to reduce use of fuel emitting transport.

SMA Climate Change Challenge



Diala Adaure presented on her research on afforestation and lithium batteries.

Recently, we challenged our mentees with coming up with an innovative solution to tackling climate change in Africa. They had to come up with a model or create a presentation on their ideas on solving climate change in Africa. They then presented to their mentors and were given a score. The winning mentee was awarded 15 minutes with the Head of STEM Education at Lagos State Government to present their idea.

Our students had some great ideas, click here to see thier presentations -
https://drive.google.com/drive/folders/1dugcua_D_YrMhYuAZ4W2C7f6uZHENFGz?usp=sharing.



SIA SCIENCE HUB



STEM in Africa has recently embarked on a new project: SIA Science Hub. The SIA Science is a form of innovative learning for children.

The SIA Science Hub will be an innovation centre made from plastic bottles. The hub would have a maximum capacity of 150 students, equipped with laboratory equipment, research spaces, and a 3D printing machine! This climate-friendly project aims to tackle educational inequalities through a community-based approach and it directly tackles plastic-waste pollution whilst bettering the community it serves.

SIA hopes to raise money for this through fundraising, events, grants and sponsorship! We have different ways for you to donate towards this project: GoFundMe, fundraising events (more information coming soon, and even reposting counts!

More information concerning this project will be posted on our Instagram! Stay tuned!



PRESENTS...

IDENTIFYING AND BREAKING BARRIERS.



SIA SCIENCE HUB

INNOVATIVE LEARNING FOR CHILDREN

The SIA Science Hub: an innovation centre made from plastic bottles. The hub would have a maximum capacity of 150 students, equipped with laboratory equipment, research spaces, and a 3D printing machine!



LEARNING JUST GOT BETTER!

SIA WATER BOTTLE COLLECTION DRIVE

<https://form.jotform.com/203552817527357>



SIA Water Bottle Collection Drive



HOW TO GET INVOLVED:



Fill out form

- Fill out form via the link in our bio!
- Must be filled out in order for SIA to collect bottles from your location!



Collect bottles

- Collect bottles such as water bottles, plastic bottles, glass bottles etc
- Please fill the bottles in a box or some sort of packaging to make the collect easier!



Bottle Collection

- SIA will then pick up the bottle collection from your location at a time possible for you!



MORE INFO CAN BE FOUND VIA:



@steminafrica





CONTACT US

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