



The Buni Program

Nurturing Engineering Talent



ABOUT US

By 2035, 42% of the global workforce will be African youths, yet 56% of them currently lack relevant digital skills. At Angaza Elimu, we recognize the challenges students face as they enter the workforce and have designed the Buni Program to address these gaps. Inspired by the Swahili word for "innovation," the Buni Program is a dynamic initiative that nurtures creativity and technical expertise. It equips learners with practical skills in modern technology domains, fostering problem-solving abilities and preparing them for global opportunities.





OUR IMPACT

From learners empowered to communities uplifted, these milestones highlight the progress we've achieved and inspire us to reach even greater heights.

42+

IoT Clubs countrywide

17k+

Students Mentored

5k+

Trained Students





OUR PARTNERS

We are proud to work with a diverse network of partners who share our vision for empowering the next generation through innovation and education.

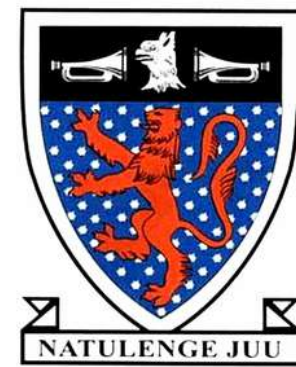


Google Developer Student Clubs





SOME SCHOOLS WE'VE TRAINED



Starehe Boys



Mangu High school



Nairobi School



St Georges Girls secondary school



Millenium Global International



Nakuru High School



Maseno School



Juja Preparatory & senior school



Kanga High School



OUR COURSES

01

Python Programming

- Master one of the most versatile programming languages.
- Develop skills in scripting, data manipulation, and application development.

02

Smart Home - IoT in Application

- Explore the Internet of Things (IoT) with hands-on smart home projects.
- Learn to integrate sensors and devices for automated solutions

03

Web Development

- Gain proficiency in creating websites with HTML, CSS, & JavaScript.
- Understand both front-end and back-end development to build robust applications.

04

Smart Farming

- Harness IoT for innovative agricultural practices.
- Focus on precision farming techniques, including soil and crop monitoring.

05

Artificial Intelligence and Machine Learning (AI/ML)

- Dive into AI/ML fundamentals and their practical applications.
- Work on projects involving predictive analytics and computer vision.

06

Scratch Programming

- Introduce programming to younger learners through an engaging, visual platform.
- Build creativity & problem-solving skills with interactive coding projects.

07

Robotics

- Understand the principles of robotics, including design and autonomous programming.
- Build functional robots for diverse tasks and applications.

08

Arduino and Arduino Programming

- Learn to use Arduino microcontrollers for innovative projects.
- Design and implement solutions in automation and prototyping.



EXCITING PROJECTS FOR STUDENTS

- ▶ Voice controlled home assistant
- ▶ Smart security system
- ▶ Interactive Games
- ▶ Animated stories
- ▶ Simple Calculator ...and so many more





WHY CHOOSE BUNI?

Industry-relevant curriculum

Buni offers a comprehensive and up-to-date curriculum designed to meet current industry needs across diverse technology areas.

Hands-on-Learning

Gain practical experience through project-based training that emphasizes real-world applications, preparing you to tackle real challenges effectively.

Expert-Guide

Learn from seasoned professionals and industry leaders who provide mentorship and insights throughout the program.

Innovation and collaboration

Join a program that fosters creativity, encourages innovation, and offers opportunities to collaborate on impactful projects addressing societal and technological challenges.



WHO CAN JOIN?



Beginners starting their technology journey.



Intermediate learners to enhance their technical skills.



Advanced participants seeking expertise in specialized areas.





CONTACT

Reach out to us for more information
on enrollment and program details



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POWERED BY ANGAZA ELIMU