

BUSINESS PROPOSAL

Prepared by:

Davis Shemeli
Project Cordinator, Mwendo EduTech
Email: mwendoedutech@gmail.com
Phone: +255 789 058 662
Instagram: @mwendo_edutech

Executive Summary.

The purpose of introducing Mwendo EduTech was our desire to bridge the gape between theories taught in schools and practical skills that we believe are paramount for one's prosperity in during our life time. We prepare children for the future careers in Science, digital literacy, numeracy and Engineering by exposing them to the industry's best practices. Our program have a mechanisim for sorting the talented children with interests in innovations and bring them together for mentorship that lasts for six weeks. After this period the students can start applying the have basic knowledge and skills they have learned.

Facilitators.

1. Davis Shemeli and Ashrafa Ramadhani..

Davis and Ashrafa hold bachelor degrees in Electronics and Communication Engineering from St. Joseph University in Tanzania. With three years of Industrial experience as Electronic Engineers, we have been part of various Children's Science Camps in coloboration with the University of Dar Es Salaam (College of ICT), Worked with various Primary and Secondary Schools in Dar Es Salaam during Science fairs and exhibition to guide and mentor children in their projects design and implimentation.

What makes our Program Different.

Our sessions are made very interactive as students are encouraged to participate fully in every stage of the learning curve. The fact that we use lacally available materials in designing of our kits and in knowledge delivery makes it possible for students to acquire the sought skills and experience easily. We employ a learning by doing methodology where students are envolved in every decision we take during project design, prototyping, making and testing. This inturn, makes our students very competent when compared to those who would use some ready made kits which employs merely plug and play procedadures.

Objectives

Our objective is to create awareness and empowerment to children aged 6 years to 17 years in the areas of Science, Technology, Engineering and Mathematics (STEM).

Advantages of the Program

Children benefit from our program in the following ways.

- It equip children with quality education by having exposure to live examples.
- It actively engages children in the learning process and thus it give them confidence and make them feel appreciated.
- It prepares the future leaders and good ambassadors.
- It paves way for self employment opportunities in the future as the participants get hand on skills.

Who We have worked with.

- i. University of Dar Es Salaam, CoICT Incubator.
We mentored children at the UDSM, CoICT Incubator in December 2017 , June 2018 and December 2019 during holidays Science Camps.
- ii. Robotech Labs, Upanga.
We worked as instructors for electronic circuit design and Robotics in 2018.
- iii. Sacred Heart Pre & Primary School, Buza
We supplies some training Kits.
- iv. Christ The King Secondary School, Tabata
We supplied training kits.

Future Plans

As we grow, we are planning to cover a wide area Tanzania to reach as many children as possible. We aim to equip the children with skills that are relevant to the 21st century. We also look forward to creating more strategic partnerships with people and organizations who are also actors in the same ecosystem.

Challenges

Although we see a program with a very bright future in terms of its results, we do face a number of challenges at the moment.

- We lack enough facilities like 3D Printers.
- Lack of enough funds.

Photo Gallery



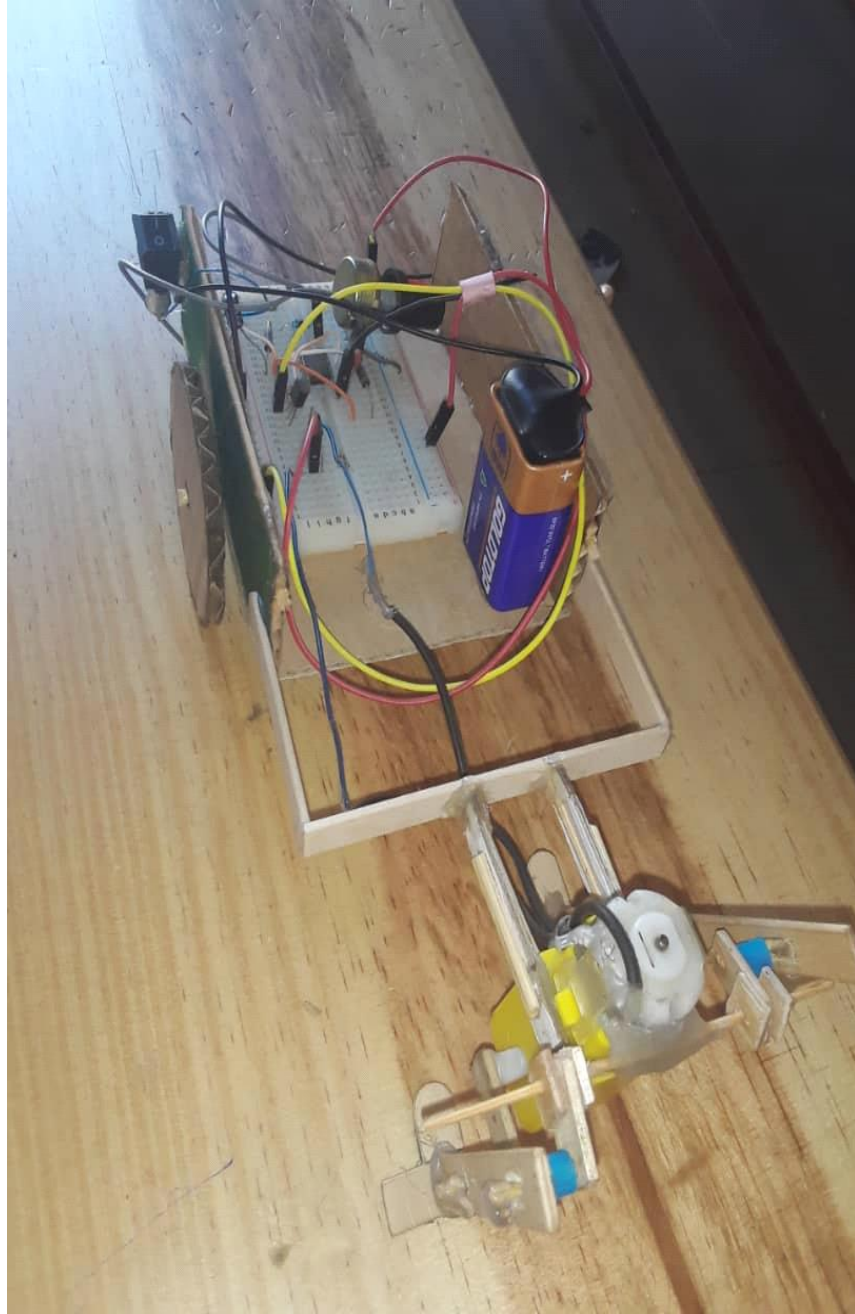
Some books and cardboard models at our center.



16th june, 2019 on the international day of african child.



Our DIY miniature cardboard house



A walking Robot Mechanism