

CLUB OF NAIROBI-MUTHAIGA NORTH
**TRANSFORMING
EDUCATION**

CREATING ROTARY MODEL SCHOOLS
IN LOW-INCOME COMMUNITY
SCHOOLS

- **RC NAIROBI MUTHAIGA NORTH Kenya**, is a chapter of District 9212 in Kenya, which was chartered eight Years ago, in December 2013, in Nairobi, Kenya. The club has grown from 38 charter members to 93 current members.
- It is one of the best performing and active club in District 9212. The club is a mothers club to three Rotary Clubs and one Rotaract club. It has stable leadership. All past presidents and a past District Governor serving at Rotary International Level, are active and resourceful members of the club. In the past years RC Nairobi Muthaiga North Club has successfully managed two global grants in maternal and neonatal child health

GG No. 1642555 - Phase 1: Value USD. 91,000

And

GG No.1868283 - Phase 2: Value USD. 92,000

Our Vision statement is: Together we will CREATE impactful and lasting CHANGE in our COMMUNITIES and OURSELVES


Our Mission Statement is: To support and promote Rotary service and image within the communities and Rotary families, strengthening membership and fulfilling our goals.

WHO ARE WE

Contact Person: VP Rtn Flora Kinuthia 

+254 706561813 

fkinuthia70@gmail.com 

www.rcnairobiMuthaiganorth.org 

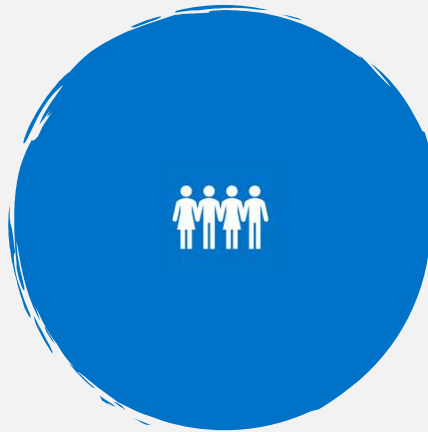
Rotary Model School

The intension is to transform education in the low-income communities, ensuring that school going children are given equal opportunity from an early stage of their education. Rotary Model school point toward supporting the school with



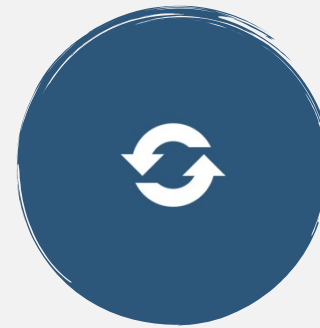
1. Literacy

This will be in reading and writing and Digital Literacy



2. Waters and Sanitation

Ensure the schools have clean water to drink, have decent ablution blocks, and Hand-Wash stations



Environment

The children are the future. Sensitize them to learn to care for the environment at an early age.

Impact

Implementing a digital literacy project in low-income communities to bridge the digital divide can have a significant impact on primary school-going children. Here are some ways the project can positively affect them:

Retention and Dropout Rates: Better water and sanitation infrastructure can contribute to reducing dropout rates. When schools offer a healthy and hygienic environment, parents are more likely to send their children to school regularly, and students are more likely to stay in school, leading to improved retention rates.

- 1. Access to Information:** By providing access to digital resources, children in low-income communities can access a vast amount of educational content, interactive learning tools, and online libraries. This exposure to information can broaden their horizons and enhance their learning experiences beyond the limitations of traditional textbooks.
- 2. Improved Learning Outcomes:** Digital literacy projects can employ educational software and applications designed to support various subjects and learning styles. These interactive tools can make learning more engaging, foster critical thinking, and help children grasp complex concepts effectively, resulting in improved academic performance.
- 3. Enhanced Digital Skills:** The project can equip children with essential digital skills such as computer proficiency, online research, and using productivity software. These skills are increasingly crucial in the modern job market, and early exposure will prepare them for future educational and career opportunities.
- 4. Creativity and Innovation:** Digital tools can unleash creativity in children, encouraging them to express their ideas through digital art, multimedia projects, and creative writing. This can boost their confidence, self-expression, and ability to think outside the box.
- 5. Global Connectivity:** The digital world allows children to connect with students from different parts of the world, fostering cross-cultural understanding and breaking down geographical barriers. This exposure can broaden their perspectives and promote a sense of global citizenship.



- 1. Parental Involvement:** Digital literacy projects often involve parents in their children's learning journey. Parents can participate in workshops, access online educational resources, and engage in their child's education more actively.
- 2. Closing the Achievement Gap:** Bridging the digital divide can help narrow the achievement gap between children from low-income communities and their more privileged peers. Access to digital resources can provide opportunities for learning and skill development that may not have been available otherwise.
- 3. Empowerment and Confidence:** As children become more proficient with digital tools, they gain a sense of empowerment and confidence in their abilities. This newfound confidence can positively impact their overall attitude towards learning and personal development.
- 4. Dignity and Privacy:** Adequate sanitation facilities, particularly separate and hygienic toilets for boys and girls, provide students with a sense of privacy and dignity. This is especially important for adolescent girls, as having proper sanitation facilities ensures their comfort and safety during menstruation, reducing the chances of them missing school during their periods.
- 5. Preparation for the Future:** In an increasingly digital world, digital literacy is essential for success. By equipping children with these skills early on, the project ensures they are better prepared for their future education and careers.

Impact

Water and sanitation play a crucial role in primary schools, especially within low-income communities. The impact of adequate water and sanitation facilities in such schools is far-reaching and encompasses several aspects:

In summary, addressing water and sanitation challenges in primary schools within low-income communities is essential for creating a healthy, safe, and conducive learning environment. It not only improves the overall well-being and educational outcomes of students but also positively influences the community as a whole. Governments, non-governmental organizations, and other stakeholders need to work together to prioritize and invest in water and sanitation infrastructure to make a lasting impact on the lives of young learners and their communities.



- 1. Community Development:** A digital literacy project can have a ripple effect on the entire community. As children learn and develop their skills, they can become ambassadors of technology within their families and neighborhoods, spreading knowledge and fostering a tech-positive environment.
- 2. Health and Hygiene:** Access to clean and safe water, along with proper sanitation facilities, is essential for maintaining good health and hygiene among students and staff. It helps prevent the spread of waterborne diseases such as diarrhea, cholera, and dysentery, which are prevalent in areas with inadequate water and sanitation infrastructure.
- 3. Attendance and Academic Performance:** Improved water and sanitation facilities in schools contribute to higher attendance rates. When students have access to clean water and proper sanitation, they are less likely to fall sick, leading to reduced absenteeism. Consequently, regular attendance positively impacts students' academic performance and overall educational outcomes.
- 4. Environmental Awareness:** Schools with access to water and sanitation facilities can also promote environmental awareness and hygiene practices among students. Proper waste management and water conservation initiatives can be introduced, fostering a culture of environmental responsibility from a young age.
- 5. Community Engagement:** Improved water and sanitation facilities in primary schools can have a positive spillover effect on the surrounding communities. By providing access to clean water and sanitation, schools can become hubs for promoting health and hygiene practices in the broader community.

Impact

To ensure the success of the project, it is essential to collaborate with schools, parents, community leaders, and other stakeholders to understand the unique needs of the community and tailor the initiative accordingly. Sustainable support and ongoing evaluation are critical to measure the project's impact and make necessary adjustments to achieve the desired outcomes.

Teacher Satisfaction and Well-being: Adequate water and sanitation facilities also impact the well-being of teachers. A clean and hygienic environment can boost teacher satisfaction and morale, contributing to a more conducive teaching and learning atmosphere.



The Problem

RC Nairobi Muthaiga North members conducted need assessment with the intended school as they interacted in various visits done recently. Most of the schools visited are in the low-income communities. The schools make do with what the government allocates them because the parents are not in a position to boost the funds to enhance their children's study. The government has introduced computer study and coding as examinable lessons however in these schools there are no computers for the children.



Poor Classrooms

Some of the schools had very poor classrooms which are wooden and with gaps that the children are seen from outside. The desks are equally in very poor conditions.



Financial

The school depends on the government since the parents cannot afford to contribute



Inadequate Resources

Children lack enough learning materials such as books, computers, geometric sets, calculators etc. Some schools have tried to put up class libraries in effort to encourage pupils to share the available books



Poor Sanitation

All these schools suffered very poor condition ablution blocks dangerous for the safety of children. Lack of clean drinking water for the children and hand wash stations.



Environment

The school environment needed a play ground, trees, and a school garden

Schools

We shall partner with five public schools. The schools shall provide secure physical structures to be used as computer laboratory. The government has already included basic computer lessons in its curriculum for secondary school and primary school. The school management shall assist in managing the Library and Computer laboratory as well as maintenance of abolition block.



**Thindigua
Primary School –
Kiambu**



**Kamwangi
Primary School –
Kiambu**



**Mutungara Primary
School - Kirinyaga**



**Mwihoko
Primary School –
Nyeri**



**Cheleta Primary
School – Nairobi**

**Gatina Primary
School – Nairobi**

Lack of quality education steals choices from Children. Just like many of us were given an opportunity in life, we can give children opportunity to make a choice for a better career path. Transforming Education Project is focusing on six (6) government schools in Kenya, to enhance education by providing



School Library & IT Centre

We propose to install computer desks, internet and network cabling, and provide direct and uninterrupted power in every computer laboratory. We will implement twenty (20) computers in each school, a book library with Shelves



Water and Sanitation

Target water storage capacity of 24000L

Set-up Hand Wash Stations

Renovate the ablution blocks



Environment

Encourage Children to be part of the Zero Carbon Journey. Sensitization through trainings on

- ✓ water utilization
- ✓ Proper Waste Management
- ✓ Energy Consumption
- ✓ Tree planting

Solution

School Library & IT Centre: Build a school library and equip with desks, book shelves and computers. This will serve as the Knowledge Centre that provide IT computer courses as well as improving basic education reading. The solution will bridge digital divide by providing basic computer knowledge and ensure early reading and writing

Ablution Block: Rehabilitate and build blocks with sanitary equipment's for girls

Water Storage: Rehabilitate existing water storage tanks and build additional water tanks to harvest water from the building roof

Hand-Wash Station: put up a hand washing station for children near the ablution block that provides safe drinking water, improves hygiene and promotes good health outcomes.

Encourage Proper waste management and planting of trees

Growth Strategy

How will we scale in the future

Stage 1

August 2022

- Presentation to the Project Director – Done
- Presentation and Approval by the Board,
- Club Members approval



Stage 2

September 2022

- Grant Application Process
 - Gathering all information and documentation
 - Seeking an Internation and local Partner
 - Application / Submit



Phase 3

October 2022

- Awaiting approval
- Deployment plan

Champion Team

Each school has a champion who will oversee the project and coordinate between the club and the respective school



**Rtn. Lydia
Ciera**
Club President



**Rtn Lady
JaneRose**
Champion



**Rtn Mary
Ndungu**
Champion



**Rtn. Michael
Otwoma**
Project Director



**PE Rtn
Mwangi**
Champion



**Rtn Nugi
Nyambura**
Champion



**Rtn Arthur
Kinyanjui**
Coordinator

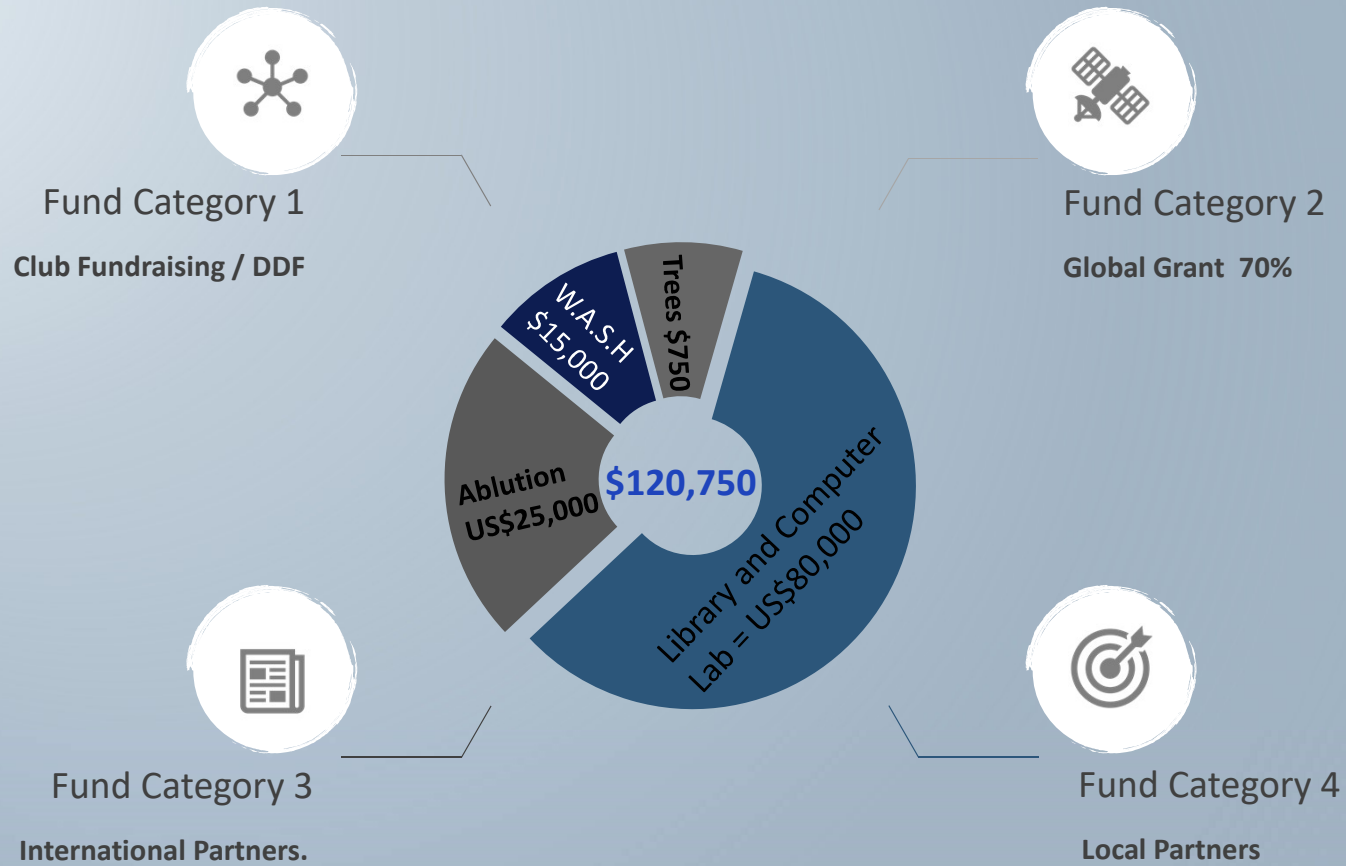


**Rtn Flora
Kinuthia**
Champion

Club of Samawati



Funding



Budget Summary

1. School Library and Computer Lab: The lab will be one of the existing classrooms. We shall equip the classroom to create a computer lab with book shelves and a sitting area.

- Network Cabling, Patch panel, switch and router
- 50MBPS - 1 year Internet Service
- 18 Computers core i5, 4gm memory or above
- 1 Entry server
- 1 network printer
- UPS / Power stabilizer
- Book Shelf with books
- Tables and Chairs

Budget per school = Kes1,200,000 / USD.13,500

2. Water Harvesting and Storage: Harvest water from all the building structures

- Water storage capacity 24,000 liters.
- Water collection gutters
- Hand-wash station with at least 4 wash points

Budget Per school = Kes.420,000 / US\$4,000

3. Ablution Block: Build a block of toilets for both girls and boys

- 8 toilets for girls,
- 4 toilet for boys .


Budget per School = Kes500,000 / US\$.5,000

4. Environment and Motivation: Tree Planting approximately 100 – mixed fruit trees based on the school compound

Budget per School = Ksh.15,000 / US\$150

In Partnering with RC Nairobi-Muthaiga North on this project , you are making a lasting and sustainable impact in the future of our world... (The future generations)

THANK YOU

Flora Kinuthia 

+254 706561813 

fkinuthia70@gmail.com 

www.rcnairobi-muthaiganorth.org 