

PROJECT DETAILS	
CLUB NAME:	ROTARY CLUB OF NAIROBI - KARENGATA
PROJECT TITLE:	IMPROVING EDUCATION FACILITIES AT KIPTULWO PRIMARY SCHOOL
PROJECT LOCATION:	KERINGET – KURESOI SOUTH, NAKURU COUNTY. KENYA.

Background

Kiptulwo Primary School is a mixed gender school situated in Bararget location, Keringet division, Kuresoi South Constituency in Nakuru County.

It is about 50 Kilometres Northwest of Nakuru town and 5 Kilometres from Keringet. Accessibility to the school is via an all-weather murram road from the main tarmac Molo - Keringet Road.

Kuresoi is tacked into the periphery of Mau area and inhabited generally by the 1997 post Election violence evacuates, who were settled there by the Government.

The area population consists primarily of a peasant farming community that live on small parcels of land that do not exceed 0.5 acres per family.

Despite the minimal size of the farms, the high altitude with volcanic/loam soil makes the area ideal for productive subsistence farming with crops like potatoes and kale doing exceptionally well. Besides, they also rear livestock like cattle and sheep.

Nonetheless, even with the promise of decent productivity there are challenges that hold them back from realizing their land's full potential to live well from it. Examples include lack of water, which usually has to be fetched from naturally flowing springs over long distances.

The School

Kiptulwo primary school is located centrally within the Kuresoi community's vicinity. It serves a total of 5 villages and is solely sponsored by the local District Education Board.

It was established in January 2000, with 19 pupils. This has increased significantly over the years to about 624.

Unfortunately, the performance in national exams was historically dismal.

In the 2015 Kenya Certificate of Primary Exams (KCPE), the best pupil scored 311; 2016: 301, 2017: 297, 2018: 298, 2019: 312. The best student score has kept rising slowly since we started supporting the improvement of the school infrastructure. 2021: 313. 2022: 324. 2023: 325.

Our Club's interest in the school was piqued during a visit to plan a water provision solution. Where we drilled the ground, but due to rushing soils the bore hole system failed to yield adequate water. The local ward representative helped connect the school to a water source but we understand is soon running dry.

Side note: Currently, we are in the process of seeking solutions to protect and reticulate water from the springs around to serve not only the community but the school too.

However, on a positive note, we installed a 5000 liter water tank for rain water harvesting, permanent safe wash hand stands to serve the students and planted 500 seedlings of trees along the boundary of the school in 2019. We have since planted a further 1300 Cypress trees and a mix of fruit trees.

PROBLEM STATEMENT

The school is made of one long structure of rusty corrugated iron sheets over the roofs and walls built with timber off cuts that are poorly joined and adversely worn down.

This dilapidation has left gaping holes on the walls at the exterior and on the inner walls separating the classrooms.

The floors are not cemented, they're rendered in earth works. There are also neither windows nor doors, to the classrooms.

In each class there are old desks that are also too few to serve the population of one class which on average has 50 students.

The desks are joined together with wood to leave a small flat surface to place a book. Incredibly, the 624 students shared one pit latrine while the other was reserved for the teachers. We have since increased the latrines to serve the boys and girls separately.



The only permanent building on the school compound was a two roomed structure which housed the head teacher's office and another room which was the staff room.

Due to the conditions of the classrooms and the local temperatures at that altitude the pupils encounter various challenges. For instance, health issues from the chilly weather and the lack of water.



Feasibility conducted by the Club revealed that the absenteeism rate of the school is about 40% in a week and sickness as a result of jiggers infestation is at 60%.

Jigger infestations arise from continuous exposure to earth flooring, inadequate space with poor aeration and the makeshift structures for classrooms.

JUSTIFICATION

In addition to the dilapidated structures, this difficult learning environment inhibits the national exams pass rate, limiting chances of joining national secondary schools and eventually, University education.

The recent Covid pandemic did not help matters and the area poverty levels means the children may not get a fair chance at education and life unless external intervention is brought to bear.

Thus, we strongly recommend the construction of eight classrooms and provision of other necessary learning facilities, ie desks.



See a video of the school at this link: <https://youtu.be/L6bdYclpJG4>

DESIRED OUTCOMES

1. Make schooling fun/enjoyable for children as it is in other communities. Children should look forward to school and seek excuses to stay at home.
2. Motivation to stay in school, hence improved overall performance & access to higher education.
3. Improved teachers facilities ie staff room, tables, etc.
4. Quality health for the young bodies and minds; reduced jigger infestations and health complications from the local chilly weather.

SCOPE OF WORK

1. 8 x classrooms to enhance learning capacity
2. 320 x school desks for comfort of pupils
3. 1 x ablution block (4 doors)

Budget

Classrooms

8 x 1.4m = 11.2m

Desks

320 x 4000 = 1.2m

Teachers Tables + Chairs

20 x 7500 = 150,000

Students Ablution Block

10 doors (cubicles)

6 Girls + 4 Boys + Urinal

Total cost = 1.5m

Water Harvesting from classroom roofs

2 tanks @ 10 litres plus gutter accessories

2 x 280,000 = 560,000

Overall budget cost estimates

= Kesh 14.61m

@130/- exch rate

= US\$112,000

CONCLUSION

Improving the classroom structures for this school will save generations of children by giving them a fair chance at education and life.

Rotary Club of Nairobi Karengata is committed to realizing this project and ensuring that it delivers real value to the Kuresoi community. The local community has been very grateful with what we've been able to do so far and we look forward to any support we can get to help us in this journey.

Current Picture of the project since 2021

