

ZoomUganda

**St. Andrews Matala Secondary School
New Science Laboratory
Project Update**

October 2010

ST. ANDREW'S S.S.S. – MATALE

P.O.BOX 183, KALISIZO, MASAKA



PROVIDENTIA DEI

Our Ref:

Your Ref:

Date:

REPORT ON SCIENCE LABS AT ST. ANDREW'S MATALE S.S. **FEBRUARY - SEPT, 2010**

INTRODUCTION:

Works on construction of science labs which commenced in 2007 are now coming to the final phase with electrical installations, plumbing works and gas/heating system installation.

Additional furniture, science equipment and apparatus will also be bought before the end of this year so that the labs are finally functional.

VOTE OF THANKS: We sincerely thank all of you for the regular unreserved support.

ACHIEVEMENTS:

- A solid block is in place.
- Science lessons are now conducted in a suitable environment.
- Students are picking interest in studying sciences as lessons are more interesting.
- More experiments are carried out.
- Girls have particularly developed interest in sciences especially in Chemistry and Biology. So in future we expect more girls to take on science oriented careers.

CHALLENGES:

- Employing full time science teachers is still difficult/not possible given their high demand in schools.
- The equipments and apparatus are never enough to cater for all students yet each student would like to have his/her hands on during the lesson.
- Lack of a reliable source of water supply to the labs school.

SUGGESTIONS:

- Water from the roofs of the laboratory block be harvested into two 10,000 litre water tanks for use in the labs

- By the beginning of 2011, at least two full time teachers be employed to effectually teach sciences.
- Having completed the Science labs project, our next areas of focus by priority are: A permanent
 - Kitchen with energy saving stoves, a store and a dining hall,
 - A dormitory for 200 students.
 - An Underground 50,000 litres water tank,
 - Staff houses.

The list is a long one but we can tackle one item at a time.

Thank you once again for supporting St. Andrew's.

GEORGE SSOZI
HEADTEACHER.

ST. ANDREW'S S.S.S. – MATALE

P.O.BOX 183, KALISIZO, MASAKA



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August 20, 2010

HARAMBE CENTRE

U.S.A

RE: Water Harvest project for the Science Labs

Following the visit of Ms. Sheri Young and a tour of the work done so far on the Science Labs at St. Andrew's S S Matala on August 15, 2010, and a subsequent meeting with the Headmaster and Fr. Joseph Kato at the school, it was proposed that we submit a simple Project Proposal for harvesting water from the roofs of the Computer Lab which can save the Labs with its water requirements.

This Proposal covers mainly two areas, namely;

- (i) A water harvesting system and,
- (ii) A storage facility

Details of the proposal:

- (i) Water harvesting system for the whole Computer Lab. Building

Quantity	Particulars	Cost per Unit UgShs.	Amount UgShs.
80	Gutters	25,000	2,000,000
300	Cramps	2,000	600,000
6	Corners	10,000	60,000
4	Boxes	15,000	60,000
10	Rodexes	4,000	40,000
3Kgs	Sealing Nails	4,000	12,000
Sub Total			2,772,000
Add Labour charges			400,000
Sub Totals			3,172,000

Note: All work can be done in two phases or at once if possible.

(ii) Water Storage Facility

Two water tanks are required. Each with a capacity of 10,000 litres at Ugshs. 2,714,000

Other Costs (Estimates):

(a) Transport Charges	150,000
(b) Administrative Costs / Installation	250,000
Sub Total	3,114,000

SUMMARY

* If the Project is done in a single phase it would cost a total of UgShs. 9,000,000 USD 4,100

* If the Project is done in 2 phases, the first phase would cost UgShs. 4,500,000 USD 2050

Exchange: Ugsh. 2200 per USD

On behalf of the entire community of St. Andrew's SS Matala, I wish to submit the above Project Proposal for consideration. We shall be grateful for your positive response.

Thank you.

Yours faithfully,

George W. Ssozi
Head teacher.



St. Andrews Matala Secondary School New Science Laboratory in Use October 2010



St. Andrews Matale Secondary School New Science Laboratory



Laboratory Construction, Dec 2007



Laboratory Construction, Feb 2007



Laboratory, July 2008



Laboratory Opening, Aug 2008

St. Andrews Matale Secondary School New Science Equipment



St. Andrews Matala Students in lab with New Science Equipment

