



Equipped to Learn (Solar) Solar for Lower Primary



Loreto Primary School, Maker Kuei, South Sudan

Project Title: Equipped to Learn (Solar)

Partner Organization: Loreto Primary School – Maker Kuei, South Sudan

Project Location: Maker Kuei, Rumbek Centre County, Western Lakes State, South Sudan

Brief Project Description:

This project is for provision of ancillary solar power to the lower primary at the Loreto Primary School in maker Kuei.



A. Implementation



(Above) Primary School Solar Houses for keeping the battery banks and inverter housing secure and protected from the weather.

(Below) Solar System Implementation Local technicians work with BBM technician to install batteries.



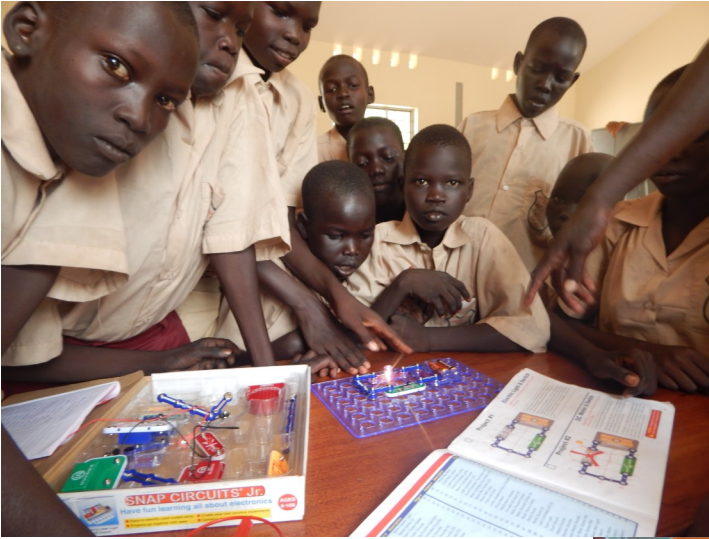
A. Implementation Cont.



The new solar system provides charge for ongoing educational activities and programs for Primary 1-4, ALP Levels 1 and 2, and the afterschool STEM program which constitutes the school population levels 5-8. The only beneficiary group not directly supported by this project is the newly formed primary school.



B. In the Classroom And After School



(Left) Primary School Students work with a basic electrical engineering kit building a simple circuit during the after school program.



(Right and Below) Student plays games designed for learning in Maths, English, and Science on a tablet charged by the newly installed solar system.



(Right) Students who were learning about programming demonstrate their learning by showing how to program a mouse to move along a pre-designated pathway. This basic form of coding is supported through the use of simple kits in the afterschool program which relies heavily on solar power for its energy needs.

This is one of several events during the science Fair held each term (3 times per year).

