



TGUP Project Summary

Science Lab Build-Out for Ngungu Secondary School Kirinyaga, Kenya



Project Name:

Ngungu Secondary
School Science Lab
Build-Out

Project Location:

Kirinyaga, Kenya

Project Summary:

Install shelves, locking
cupboards, and
replace benches in the
existing science lab.

Project Detail:

The project will
prepare the science
lab room for
installation of **TGUP's
Science Lab in a Box
(SLaB)**.

Project Partner:

Kiini Sustainable
Initiative (KISI).
TGUP has completed
more than three
dozen projects in
partnership with KISI.

Project Cost:

\$4,236



TGUP, in partnership with KISI, will install 10 locking cupboards and 30 shelves in the existing science lab room at the Ngungu Secondary School. The school has 140 students, but enrollment is expected to increase. The work benches, currently made from wood, will be replaced with concrete slab surfaces. Depending on the condition, sinks will be replaced or repaired. The storeroom will be renovated.

The school has a dedicated space for a science lab, but there are not sufficient materials, equipment and supplies to conduct experiments. Once the shelving, locking cupboards, and benches are installed, the room will be ready for TGUP's **Science Lab in a Box (SLaB)**.

The **SLaB** includes everything needed to teach laboratory Biology, Chemistry and Physics to college-bound high school students. After the **SLaB** is installed, students will be competitive on university entrance exams.

The project will cost \$4,600. Of this, \$364 is being contributed by the community, leaving \$4,236 to be funded.