



TGUP Project Summary

Science Room Renovation & Science Lab in a Box

Githage Mixed Secondary School
Githage, Kenya



Project Name:

Githage Science Lab Renovation and SLaB installation

Project Location:

Githage, Kenya

Project Summary:

Lab room extension & renovation will be done and then a SLaB will be installed.

Project Detail:

Room extension with gas and water brought, installation of six integrated lab benches.

Project Partner:

Kiini Sustainable Initiative (KISI). KISI has completed close to 100 projects with TGUP.

Project Cost:

\$9,000 for renovation
\$2,500 for SLaB



The Githage Mixed Day Secondary School has one dedicated science room, but it lacks the infrastructure to perform practical experiments. This project will fund a 12' x 24' extension to the existing classroom that will permit construction of a proper science lab.

The project will repair the floors and build cement lab benches in the middle of the room. Each bench/worktable will include new sinks, gas, and electricity integrated into the work surfaces. New locking storage cabinets, and blackboards will also be installed.

After the buildout, TGUP's [Science Lab in a Box \(SLaB\)](#) will be installed. This will allow for world-class level lab instruction in Biology, Physics, and Chemistry.

The school has 118 students with a dedicated university-trained staff, but the students could not continue on to university studies without practical science experience.

KGUP Science Lab in a Box, Typical Installations

Gyan Niketan School
Nepal, 2023



Kiamwathi Secondary School
Kenya, 2023



Amar Kanti English School
Nepal, 2023



Ngungu Secondary School
Kenya, 2022



Kanjuu Mixed Day School
Kenya, 2022



Jubilant High School
Nepal, 2022

