

A Laboratory of Hope, How Science Lab in a Box™ is Transforming Learning in Uganda

Across many secondary schools in Uganda, science has too often been taught as theory without practice, leaving students to imagine experiments they have never had the chance to perform. The Science Education Uplift Uganda (SEU-U) initiative is changing that story.

Implemented by The Global Uplift Project (TGUP) in partnership with Rotary District 9214 and coordinated locally by Nsawo Community Development Project (NCDP), the programme is expanding access to practical science education through the innovative Science Lab in a Box™ (SLaB). Each unit provides fully equipped, curriculum-aligned laboratory materials for Biology, Chemistry, and Physics, enabling schools to conduct real experiments even where traditional laboratory infrastructure is absent.

During the 2025–2026 Rotary year, the initiative has already delivered 12 installations in schools across Central and Eastern Uganda, representing an investment of USD 30,000. With 9 additional schools in the pipeline before the close of the Rotary year, the projected total investment will reach USD 52,500, with an estimated impact on more than 10,500 students, at an approximate cost of just USD 5 per student per year.

The programme's reach reflects Rotary's commitment to equity and inclusion. Beneficiary schools span urban and rural settings, from Muyenga High School in Kampala to Nakaloke Secondary School in Mbale, Kojja Secondary School in Mukono, and schools in Wakiso, Luwero, and other parts of Central Uganda. This geographic spread ensures that quality science learning is no longer a privilege of a



Lubugumu Jamia High School Ndeje



At Bishop Maraka College Kumi District



At St Edward Galamba sponsored by RC Muyenga

few, but an opportunity shared more widely.

Its results are already visible. At Kojja Secondary School, the Senior Four science pass rate rose from 71 percent to 100 percent, while other schools have reported stronger participation, improved academic performance, and growing student interest in science-based careers.



At Bishop Mackay Memorial College

Supported by clubs including Rotary Club of Muyenga, Muyenga Tank Hill, Bunga, Mengo, Muyenga Bukasa, Konge Lukuli, Namasuba, and Kisugu Victoria View, SEU-U is more than a school project. It is a strategic investment in Uganda's future—equipping young people with the tools, confidence, and inspiration to become the scientists, innovators, and leaders of tomorrow.

Rtn. Mpilma Michael
Vice Chair – Special Initiatives
Rotary Club of Muyenga



At St Paul Secondary School, Nsangi