The aims of our project was to empower girls aged 8-12 to pursue a career in STEM and improve confidence levels in these areas. We delivered our sessions in a practical manner as opposed to general rote-learning method i.e. listening and note-taking. This involved hands-on experiments and activities using locally produced materials as resources.

Over the course of the project STEM for Growth has had a very large impact on the Mbaraki Girls Primary School community. Our results showed a significant improvement between the pre-test and post-test with majority of girls scoring up to 15% higher in their confidence levels. Lastly, we received a lot of positive community feedback from the teachers, parents and older students who mentioned that there was an increased interest in the different STEM classes, and STEM related jobs.

As a group, we are currently planning our expansion to different girls’ high schools and primary schools within Uganda, Tanzania and other schools located in Mombasa Kenya in order to break the stigma that only men can work in the STEM fields within our community.