

EDUCATION WORKSHOPS

PROJECT PROFILE 2014-2015

Our educational workshops focus on helping students and teachers to develop vital skill sets that are not part of the usual education system in Uganda. Problem solving, critical thinking, organization and team work are not skills that youth develop in primary or secondary school settings in Uganda. This is a result of a lack of qualified teachers, very little example or opportunity for hand on learning. There is a lack of facilities, equipment and skilled professional teachers in comparison to the vast number of school-aged children due to an extremely unbalanced youth-heavy population. In the areas of modern agriculture, science, technology and engineering there is a very limited amount of opportunity for students and very limited amounts of expertise in teachers. Just Cause feels very strongly that these key areas of education coupled with the key skills that are lacking in current education in Uganda, are critical to the future of the young people.

Our workshops focus on working with children at orphanages, students and teachers at under privileged, under equipped schools and remote/rural schools to provide access and exposure STEM. Some of the topics that are taught in our workshops include basic computer skills, programming, problem solving and inquiry based learning through science experiments, engineering challenges, and a Lego Mindstorms Robotics program.

Our volunteers from Canada along with University educated Ugandans help to design and teach these



workshops that run for 2-20 sessions each. Through donated equipment and facilities, we have been able to provide education enrichment opportunities in STEM to over 200 students and 10 adults in our first year of implementing these programs.

We have also provided learning experiences in modern agriculture practices through local experts by facilitating planning and installation of demonstration gardens. These crops allow hands on training for local people to learn how to use modern practices in land planning and ideal crop layout, crop rotation, and how to start using fertilizer, irrigation and seed collection to maximize yields.

In order to support the futures of the communities in which we have established other projects, we have provided 2 day long workshops that target women and unemployed youth. These programs were implemented at the request of the communities to help provide training for a skill through which the women can generate some small amounts of income while still

being able to be at home to care for their children and run their households. Just Cause helps to find women and youth who have been successful in their small business ventures to run workshops that teach a skill to allow the women/youth in small remote communities to do the same. These workshops focus on local marketable skills such as making baskets, beads, jewelry and sewing.



If you are interested in supporting our workshops through donation of equipment or finances, or if you would like to participate as a volunteer please contact



OUR WORK AT A GLANCE

- *Design & delivery of Science, Technology, Engineering and Math (STEM) workshops to over 200 children in 2015*
- *Implementation of demonstration gardens to promote improved agriculture practices in rural areas*
- *Facilitated training by women, for women in local sustainable crafts to allow a means for women to provide education opportunities to their children.*
- *Provided equipment, curriculum and training to local organizations that allow for on-going computer skill and robotics workshops.*
- *Set up joint workshops and robotics challenges via google hangouts/skype for Canadian students and Ugandan students to learn together.*

