

# Accelerated Learning in the Classroom Programs

## Integrated Teachers Training Program and Bringing ICT Technology into Rural Classrooms

### EDUCATIONAL CHALLENGES

The Ministry of Education and Vocational Training (MoEVT) has recognized that there is a gap between the current education system and classroom pedagogy with what is expected and demanded of students in the 21st century society.

Rural school districts in East Africa face severe challenges in providing quality education. In Kenya and Tanzania, educators struggle to implement national education strategies while teachers need additional classroom pedagogy and tools and materials to elevate student learning. This inhibits students development for the necessary 21st century skills, such as critical thinking, problem solving, and communication skills to succeed beyond the classroom.

### BRIDGING THE GAP

By strengthening teachers' skills through pedagogy training with a learner-centered approach, evidence demonstrates teachers having a greater impact and influence on their students learning. With our Integrated Teachers Training program, we have brought learner-centered, participatory techniques to over 2,500 teachers, impacting over 25,000 students.

Since 2012 we have been bringing digital resources and materials into the classroom to support teachers' curriculum development and after-school clubs with digital content. Students have demonstrated an increase in analytical and critical thinking skills which has also been reflected in their academic performance. The youth of Kenya and Tanzania are becoming better prepared for life beyond the classroom.

#### PROBLEM

The Ministry of Educational and Vocational Training (MoEVT) has recognized that there is a gap between the current education system, classroom pedagogy, and what is expected and demanded of students in 21st century society. In rural Tanzania and Kenya in particular, education districts struggle to implement national education strategies and elevate students' learning.



#### SOLUTION

##### Accelerated Learning in the Classroom

##### Integrated Teachers' Training

- Best practices & leadership development
- Learner-centered pedagogy
- Collaborative work environments

##### Educator Support & Development

- Involvement with teaching institutions
- Digital and low-cost tools and resources

##### Classroom Tools & Materials

- Provide ICT, desks, books, and lab equipment
- Hands on participatory learning tools
- Supplementary English debate program for students

#### IMPACT



##### Teachers Gain:

- Experience using technology as a resource
- Skills in managing student successes & outcomes
- Collaboration with students, administrators, and teachers



##### Students Gain:

- Knowledge of 21st century expectations & requirement
- Critical thinking skills
- Employment capabilities
- Enhanced English skills

ITT Partnership Program showcased at the 2016 Comparative International Education Symposium

Students learned teamwork and develop the ability to conduct independent research, express their opinions on issues, share knowledge through presentations and make scientific investigations to develop or prove existing theories."

Shaaban Mguna, DEO Officer

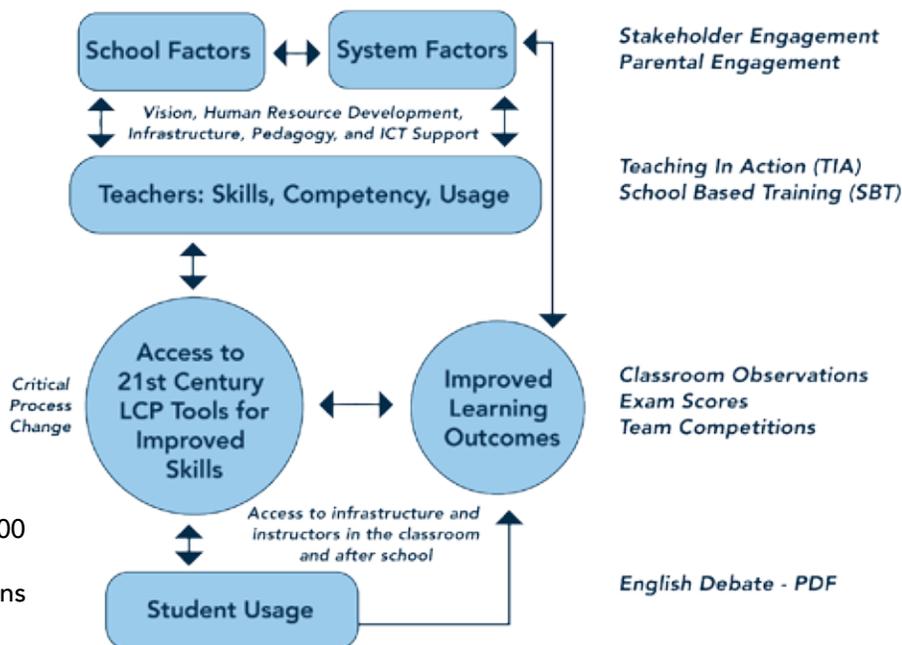


## THEORY OF CHANGE

Our program has been assessed to be innovative, low-cost, and sustainable. It is a decentralized, scalable teacher training model reaching poor, rural schools and communities. Our program integrates two dimensions of accelerating student learning:

- learner centered teachers training, in critical subjects of Math, Science and English
- low cost learning materials and highly participatory tools used in the classroom to make learning applicable

The project also has an immediate impact on 25,000 students (approximately 300 students per school), who gained confidence to ask and answer questions in classrooms, think more critically, improve reasoning and better solve academic problems.



## Recent Program Achievements

- 37%** increase in teachers who created learning materials digitally
- 48%** increase in teachers who used the internet to prepare for lessons
- 63%** students agree they have enhanced English skills and critical thinking
- 67%** students reported increased confidence in expressing opinions
- 93%** of teachers now use educational websites to download new resources

## Josephine's Story

Josephine Khasabuli of Kenya is highly motivated and loves teaching secondary school. She teaches in a rural community and believes her students are among the smartest in Kenya. Her personal philosophy is "coming together is the beginning, thinking together is the process, and working together is success." Since gaining additional skills through our programs, she is training other teachers, integrating technology into her own classes, and has even inspired the school to change its motto to "Excelling Forever." She comments, "Technology is a tool that helps us to help our students. We now know how to assist them with applications to higher learning institutions, and with job research and applications."



Josephine - Pictured in the middle