



2019 ANNUAL REPORT





A MESSAGE FROM OUR PRESIDENT

With over 1.2 billion people, Africa is poised to become the world's largest market for business, industry, and consumers. It follows, then, that Funzeleo's mission is to inspire and prepare African youth for high-demand careers in the sciences, technology, engineering and math (STEM).

While our mission is relevant and our path clear, we have barely scratched the surface in making a difference in Africa: The World Economic Forum is projecting that nearly 20 million educated African youth will join the labor market annually over the next 30 years.

However, a World Bank report raises doubts about the capacity of Africa's industrial sector to absorb that much talent. In fact, this report suggests that since the industrial sector tends to attract more technical skills and pays higher wages, it can absorb only about 10% of those entering the workforce per year; the rest will have to rely on the family farm and the informal low-wage sector for their livelihoods.

A more hopeful option is that these under-employed people might pursue entrepreneurship in their respective countries or apply their valuable skills elsewhere.

As we look ahead, we will continue to be flexible enough to pivot as skill needs in Africa evolve.

Although our curriculum is not likely to change significantly in the short-term, our program content and delivery must improve education and people's quality of life.

Paired with regional growth and an increased demand for STEM careers, Funzeleo will need additional board members and significant financial support over the next three years.

Our board of directors is unanimous in its commitment to growing Funzeleo where it has its greatest stronghold and delivering the current curriculum in a more robust manner throughout the school year.

In addition, key indicators need to be measured on a scale that not only captures immediate outcomes, but also the longitudinal impact on students.

We appreciate the teachers, school leadership, funders, and partners who continue to believe in our commitment to Africa. We look forward to working together in the coming decade!



Lamech Abiye

OVERVIEW

OUR MISSION

Funzeleo inspires and prepares African youth for high-demand science and math-based careers.

OUR VISION

Funzeleo will awaken young people to a world beyond the classroom, engage them in learning, and enable them to see the impact of their education on improving their quality of life.

We envision a well-prepared, highly competitive workforce for high-demand careers in the sciences, technology, engineering, and math (STEM).





Sub-Saharan Africa has
the highest rates of
education exclusion.

60%

of children in sub-
Saharan Africa between
the ages of 15 and 17
are not in school.

WHAT WE DO

Funzeleo works to improve employment opportunities for young Africans ages 6 to 30 years old by increasing access to relevant training and experiences for highly competitive, high-demand technical professions. We do so by:

1. Adapting science, technology, engineering, and math (STEM) programs for implementation in select African countries in order to prepare young people for a competitive marketplace. Programs and experiences are provided at no cost to the schools, parents, or students.
2. Implementing professional development for teachers, equipping them with relevant materials, recognizing their performance and supporting their continued growth.
3. Engaging the private and public sectors as sources of funding, leadership, and mentorship.

OUR IMPACT

STUDENTS TAUGHT

54,300+

TEACHERS TRAINED

205

SCHOOLS

70

COUNTRIES BENEFITING

2

Tanzania
Zambia

PROGRAMS

5

Energy & Environment
Health & Wellness
Engineering & Technology
Mining & Geology
Computer Science

WHY OUR WORK MATTERS

Mwanga Ntongo is a 10th grade student at Chavuma Secondary School in Zambia who enjoys studying machines. After secondary school, he plans to become an engineer and dreams of founding the first motor vehicle assembling plant in Zambia.

"Being part of Funzeleo has helped me to have access to materials for conducting experiments in class," he said. "I can now see and touch the instruments during an experiment. It just makes me love engineering more."

Since 2014, Funzeleo has made hands-on teaching and learning accessible to students in Tanzania and now, also, in Zambia. Funzeleo's efforts begin with equipping primary and secondary school teachers with the skills and resources they need to implement experiential programs in science, engineering, and math.



Mubanga Nancy Bwalya is a math department head at Chavuma Secondary School. Completing Funzeleo's training program has opened her eyes to the important role teamwork plays in problem solving. She has also seen the value of hands-on learning and how it shapes the student's critical thinking skills and the ability to solve day-to-day problems in the communities in which they live.

"The way I teach has changed since I went through the Funzeleo curriculum, because now I emphasize teamwork among learners and utilize hands-on strategies to deliver my lessons," she said.



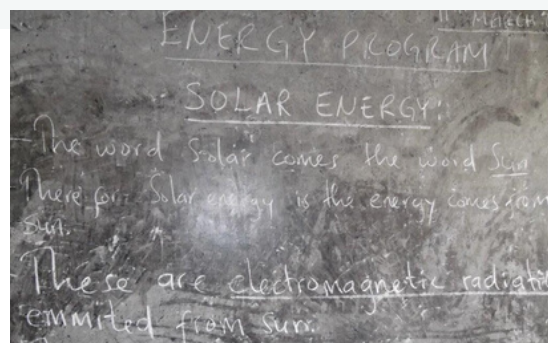
"I have seen a change in my class because now my learners are more engaged, their attitude towards math has changed and they enjoy my lessons more."

Currently, fewer than 25 percent of secondary graduates in Africa pursue SHTM degrees in college. Consequently, in some countries, youth unemployment is approaching 90 percent. Funzeleo's integrated approach to teaching helps students learn to appreciate challenging subjects like math and science, and understand how to apply what they learn in the classroom to the real world.

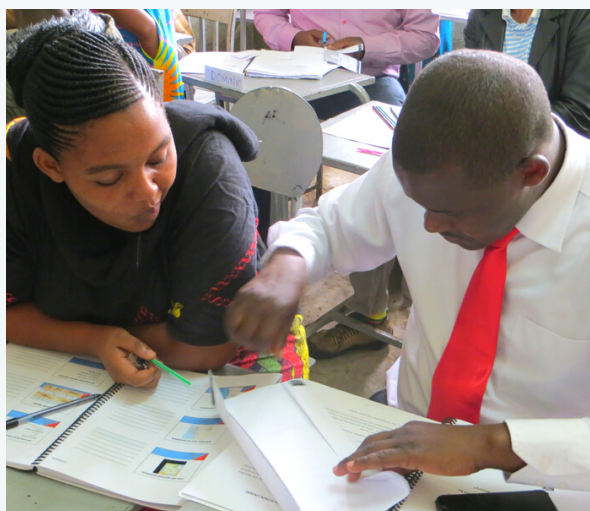
Collins Lupinda is an 11th-grade student at Chambishi Twalubuka secondary school in Zambia. He wants to be a civil engineer and enjoys studying thermal physics, simple machines, and architecture.

"Funzeleo has benefited me with a mind of creativity and understanding, especially when it comes to calculations in math and science," he said.

Silungwe Simon is also in 11th grade at Chambishi Twalubuka. He plans to pursue civil engineering, a career he has been exposed to through Funzeleo.



"Science and math can help me make a difference in the world because they are wide and they mostly deal with real-life situations," he said. "Therefore, with the knowledge they provide, I can deal with problems people face in everyday life. I feel I can make a difference in the world."





GET INVOLVED

The success of our mission depends on private support. We are particularly grateful to Orica, Halliburton, Merrick and Company, and our own dedicated board members.

These partners have been unwavering supporters of Funzeleo's commitment to strengthening teaching and learning, and awakening young people and educators to a world beyond the classroom, enabling them to see the impact of education on improving the quality of people's lives.

Funzeleo needs more partners in our efforts to develop both African entrepreneurs and high-wage technicians. You could be such a partner, so please reach out to us at www.funzeleo.org.

HALLIBURTON

**Halliburton
Charitable Foundation**



2019 FINANCIAL REPORT

Cash: January 1, 2019

\$61,909.00

Revenue

Restricted Contributions.....	\$63,000.00
Unrestricted Contributions.....	\$25,000.00
In-Kind Gifts.....	\$9,500.00
Total Revenue.....	\$97,500.00

Expenses

Teacher Training & Supplies.....	\$18,000.00
Classroom Materials & Supplies.....	\$10,477.00
In-Country Operations.....	\$21,000.00
Teacher Per Diem.....	\$9,000.00
Monitoring & Evaluation.....	\$3,000.00
Funzeleo Registration.....	\$1,771.00
Wire Transfer Fees.....	\$412.22
Total Expenses	\$63,660.22

Net Income

\$33,839.78

Cash: December 31, 2019

\$70,787.60

