

Fundi Bots accelerates science learning in African schools and communities by delivering high-quality science education directly to students in schools, homes, and communities across Uganda while training teachers and working alongside the government to shift what's possible at the system level.

We have a strong focus on rural and underprivileged regions and push for equitable solutions for girls.

10-Year Mission: Accelerate science learning and provide skills training for **one million** African children and youth **by 2030**.

The Problem

Africa has the fastest-growing youth population in the world. It also has some of the most significant unmet challenges in health, infrastructure, agriculture, and technology. The connection between those two facts should be obvious: invest seriously in the education of Africa's young people, and they will be the ones who solve those problems. The barrier is not talent but an education system that remains under-resourced to deliver on its potential. Science education in particular remains outdated, theoretical, and exam-focused, failing to equip learners with practical skills.

Over 90% of students in Sub-Saharan Africa lack basic proficiency in science (UNESCO), and in Uganda, only 22% demonstrate adequate science competence. Large classes, limited resources, and teacher shortages worsen the issue. Cultural and systemic barriers keep girls underrepresented in STEM. Without hands-on learning, students are unprepared for the job market, widening inequality, and slowing growth. This is a systemic problem, and it requires a systemic response.

Our Solution

Fundi Bots' programs aim to create a generation of African builders, innovators, and problem-solvers. Specifically, our programs aim to achieve the following overall outcomes:

1. Improved student performance in science through practical, hands-on learning that drives deeper understanding and real application.
2. Strengthened teacher proficiency through ongoing training in both science content and effective, student-centered pedagogy.
3. Increased participation and retention of girls and young women in STEM by creating inclusive, accessible learning opportunities.
4. Equipped young people with practical, job-relevant technical and problem-solving skills for the future of work.



OUR LEARNING MODELS

We use two main learning experiences which utilise a well-rounded and engaging methodology to increase students' performance in classrooms and provide career training and technical skills through custom STEM programs and curriculum.

1. Enhanced Science Curriculum

Our flagship learning model providing practical learning tools, teaching aids, and manuals that plug directly into the national curriculum to augment and amplify science lessons in classrooms for improved learning outcomes (intra-curricular).



Teacher Support
in classrooms



Digital Assistant



Practical
learning Tools

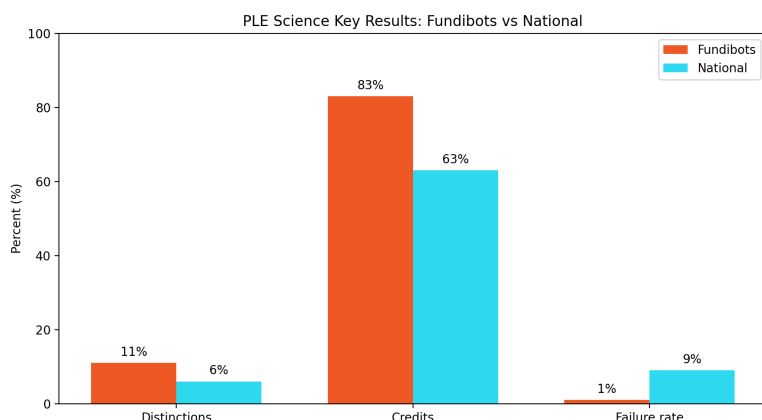


Training Of
Teachers



Impact of the Enhanced Science Curriculum

Impact of the Enhanced Science Curriculum ESC learners show consistent and significant outperformance compared to national averages in science.

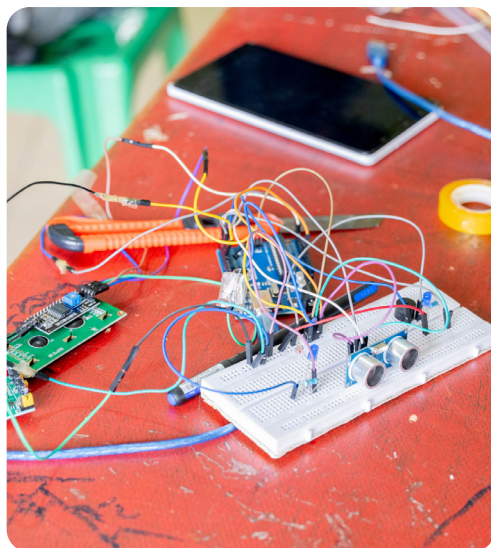


This reflects two clear outcomes:

- Strong top-end performance
- Major reduction in low performing learners

2. Robotics/ STEM Training

Our experiential learning model which provides hands-on immersive training in and out of school. This approach deepens science learning, fosters innovation, and equips students with crucial skills to thrive in tomorrow's workplace (extra-curricular).



OUR IMPACT

Since 2016



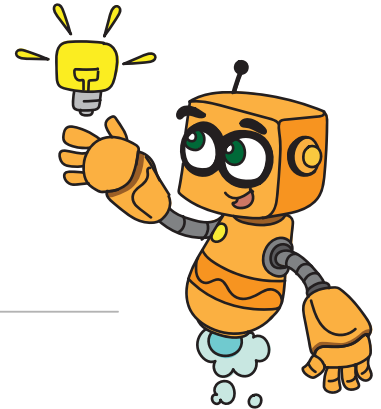
100,047
Students
Trained



1,687
Teachers
Trained



284
Schools



2030 Goals

500,000

students learn
better in **schools**

700,000

children learn
science at **home**

35,000

youth trained for
work in STEM

125,000

girls educated & skilled
for STEM **careers**

Where We Work

Fundi Bots operates in four regions of Uganda through our regional offices in:

- Kampala (Central Uganda),
- Mbarara (Western Uganda),
- Gulu (Northern Uganda) and
- Mbale (Eastern Uganda).

Fundraising Goals

Over the next 3-5 years, we aim to raise \$7.5M-\$10M to enhance learning outcomes for one million children and scale our impact across Africa. This funding will expand our reach, strengthen programs, and ensure sustainability, creating lasting systemic change.

Contact Us

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We invite visionary partners to join us in transforming education for millions of learners.

