

Fundi Bots accelerates science learning in African schools and communities by providing practical, hands-on, and student-centered learning tools. 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

Science education in Uganda and much of Africa remains outdated, theoretical, and exam-focused, failing to equip learners with practical skills.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.

## Our Solution

Fundi Bots' programs aim to achieve the following overall outcomes;

- Improved science performance.
- Improved teacher proficiency.
- Increased representation of girls and women in STEM fields.
- Improved technical skills.

**Our impact:** In 2023 national Primary Leaving Examinations (PLE), Fundi Bots supported schools demonstrated a 90% pass rate, compared to the national (control) average of 57%.

Our work has demonstrated measurable impact, improving science comprehension, school performance, and career readiness for thousands of students.

## 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



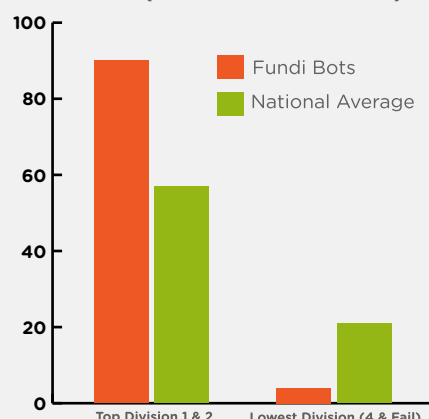
Practical  
learning Tools



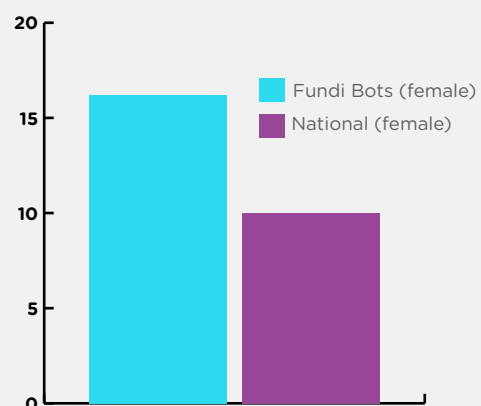
Training Of  
Teachers

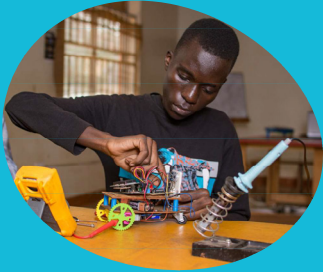
Impact Of The ESC

Primary Leaving Examinations  
(Fundi Bots Vs National)



Female Distinctions in Science





## 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).



Mechanics



Electronics



Programming

## OUR IMPACT

### Since 2016



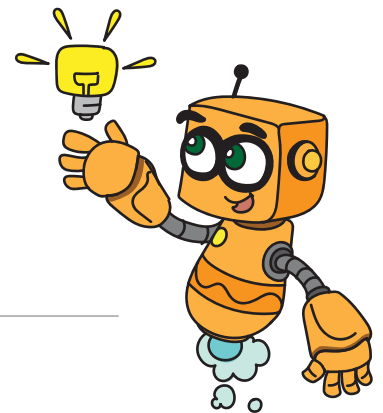
**60,928**  
Students  
Trained



**1,197**  
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.

