



COMPANY PROFILE

2012 - 2026



camara.or.tz

tanzania@camara.org

+255 624 396 600

COMPANY BACKGROUND



Camara Education Tanzania is a non-profit social enterprise dedicated to delivering real impact through technology by inspiring and empowering young generations to improve their life opportunities. Camara Education Tanzania (CTZ) was established in 2012 and registered with the NGO Registrar's Office under registration number 00NGO/00006076.

Camara Education Tanzania is a part of an international NGO (Camara Education Ltd) based in Dublin, Ireland. Camara Education Ltd was established in 2005 in Ireland as a non-profit International Educational Organisation. Camara Education Ltd has a network of educational hubs in different countries.

Education hubs are independent local entities responsible for the front-line delivery of Camara's model to educational institutes within their respective countries. There are currently five education hubs in Africa, located in Kenya, Lesotho, Tanzania, Zambia and Ethiopia and one in Ireland.

Camara Education Tanzania is an independent entity with its own management, board, and a team of 30+ staff operating across mainland Tanzania and Zanzibar to implement education technology (EdTech) projects targeting youth in and out of school.

WHAT DRIVES US? (OUR WHY)

We seek to **Transform Life Chances with Technology**. We believe that **quality education** and **youth empowerment** are the most effective tools for alleviating poverty. Thus, we aim to use technology to improve educational outcomes and empower the young generation to improve their life opportunities.

We do this by designing innovative EdTech programs that focus on real educational needs and deliver them through a sustainable social enterprise model.

MISSION:

Our mission is “*to transform education using technology to empower disadvantaged Youth*”.

VISION:

Our vision is “*a world-class technology-enabled education accessible to all*”.

Our Values

Camara has four values that we demonstrate every day through our behaviour and are of the essence to Camara. When you engage with Camara you will see these demonstrated:

- **Caring:**
We care for our people and those we serve

- **Creative:**
We innovate to solve problems

- **Collaborative:**
We achieve more by working together

- **Committed:**
We deliver results

The Name

The name '**Camara**' comes from the **Bantu** dialect of West Africa and means '**teacher**' or 'one who teaches with experience'. The correct pronunciation is 'Ca-ma-ra'. This reflects our mission to empower individuals and communities through education and technology.

Camara Education Logo

The **ANANSE NTONTAN** ("spider's web") symbol comes from the adinkra symbols of Ghana and has historically been used by the Asante tribe on cloth, walls, and pottery. Traditionally, it is a symbol of wisdom, creativity, and the complexities of life



Location & Contacts:

Our main office is located at Engaruka Street, House No 43, Kurasini, Dar Es Salaam. Our web address is camara.or.tz, our primary email address is tanzania@camara.org, and our primary phone numbers are +255 623 396 600 or +255 758 396 600. We also operate three regional offices in Shinyanga, Simanjiro and Kiteto, focusing on large-scale projects being implemented in those districts.

&

Products & Services

HARDWARE PRODUCTS

1. ICT Hardware

This is the basis of any edTech program upon which all other systems and applications rely. We provide both brand-new and refurbished hardware, ranging from Desktops, Laptops, Tablets, Projectors, Printers, Network peripherals, and other supporting accessories.

Equipment with low energy consumption

Apart from laptops and desktop computers, Camara uses low-energy equipment for schools that lack reliable access to on-grid electricity, either due to access or affordability issues. We offer Raspberry Pi and Thin Client computers as an alternative to desktops. We have worked with these devices for several years in different parts of the country, and they have been very helpful to off-grid schools.



Network Rac with
Switch, UPS and Server



Thin Client
Computer (CPU)



Tablets Ready
for Dispatch



Laptop Cage for
Storage & Charging

2. Digital Learning Centre Setup

Equipping learning institutions with E-Learning centres is a large part of what we do. These centres come in different shapes and sizes and feature a variety of ICT equipment, including desktops, laptops, Raspberry Pi devices, thin clients, servers, projectors, printers, and network accessories.

We normally install a local area network in each of our e-learning centres, whether wired or wireless. This ensures that all devices can communicate with each other and helps us utilise several other systems, such as classroom management, learning management and network monitoring systems, to track use of this equipment.

**U-SHAPE
SETUP**



**COMPUTER
LAB**

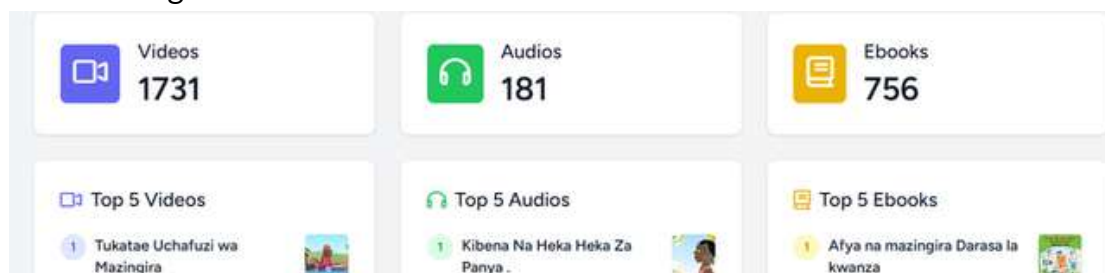


SOFTWARE PRODUCTS

1. Camara Portal

In each computer lab, we install a local resources server loaded with more than 5,000 educational videos, books, and articles. These resources are managed through Camara Portal, an offline repository that manages user privileges, tracks content utilisation, and allows educators to add or remove learning resources (videos, books, etc.) from the portal.

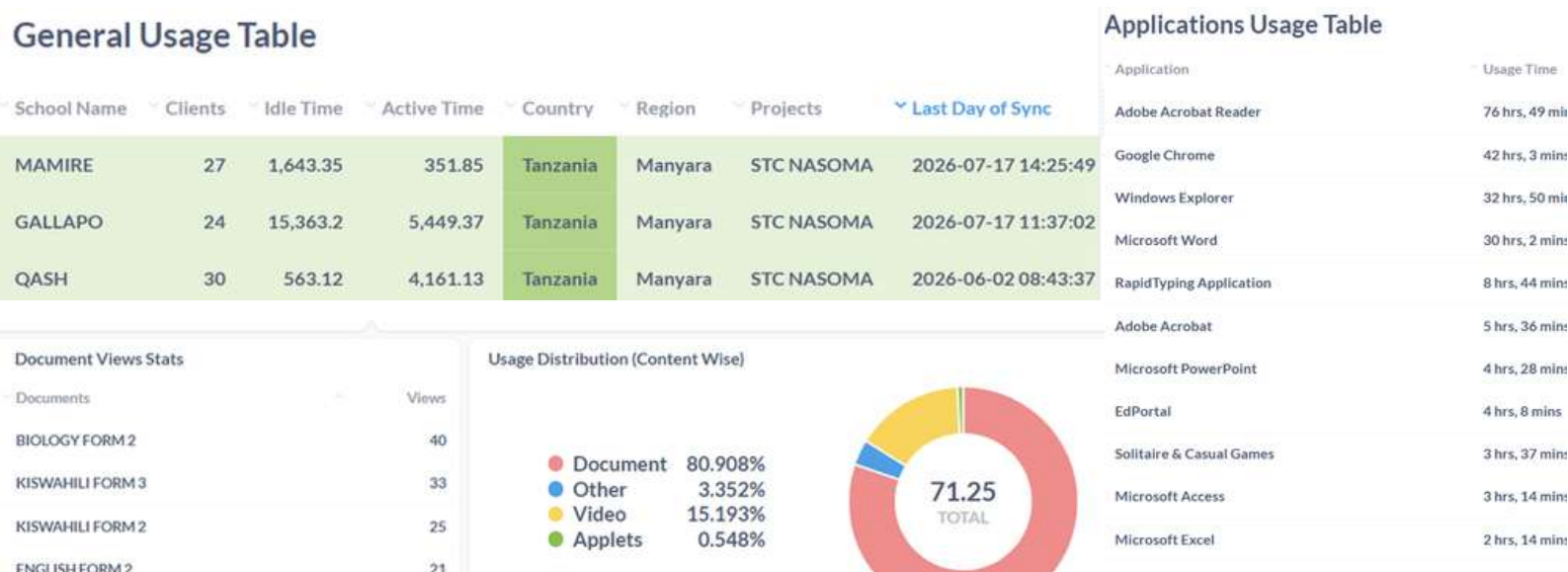
The portal can synchronise all user data with the Camara Online dashboard, allowing us to remotely track how the school is utilising offline digital learning resources (video watch, book opening, logins, etc.). The portal can also receive updates and upgrades once connected to the internet, allowing Camara to push new features without needing to visit any school or make configuration changes on the server.



2. Camara Network Management Systems (CCNMS)

Developed in 2019, CCNMS allow easy tracking of how each computer is being utilised within the school. This includes up and downtime, individual app and browser usage, and other important computer information, such as disk and memory utilisation, as well as overall computer performance.

CCNMS is normally installed in each computer we dispatch to schools, and if the lab is networked (LAN), all usage data is sent to the local server within the computer lab. The CCNMS app on the server will synchronise the data with the Camara Dashboard on the cloud once the server is connected to the internet.



SOFTWARE PRODUCTS

For schools without a LAN in their computer lab or an internet connection, Camara staff have to visit the school to export usage data or guide teachers remotely on data export, and then the data is shared with Camara via email or other means.

3. Learning Management System (LMS)

For more than five years, we have been using different learning management systems for both teachers and students. Camara Learning Academy (CLA) is our learning management system for teachers, offering micro-courses covering a range of ICT topics from basic ICT to advanced Excel.

For students, we have been using Camara Learning Studio (CLS), designed for low-resource communities. CLS is based on Kolibri, a platform built to run on a lightweight local server, but with a growing library of open educational resources and the tools to adapt them to the local curriculum.

CLA and CLS allow us to manage and track all learning processes, from login to video watching or exercise completion. This makes it easier to assess the outcomes and impact of the learning resources we have provided to teachers and students.

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Camara-Kenya	40
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Course 1: Camara-Kenya CAM-12 Creating a Presentation to Deliver a Topic Using Microsoft Office PowerPoint Starts: Apr 1, 2022

Course 2: Camara-Kenya CAM-01 Creating Gradebooks Using LibreOffice Calc Starts: Apr 1, 2022

Course 3: Camara-Kenya CAM-11 Creating Gradebooks Using Microsoft Office Excel Starts: Apr 1, 2022

4. School Management System (SMS)

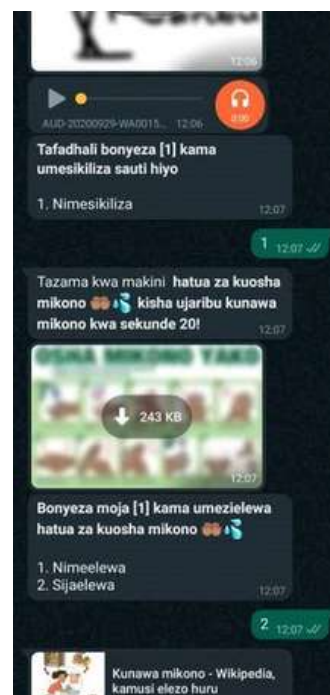
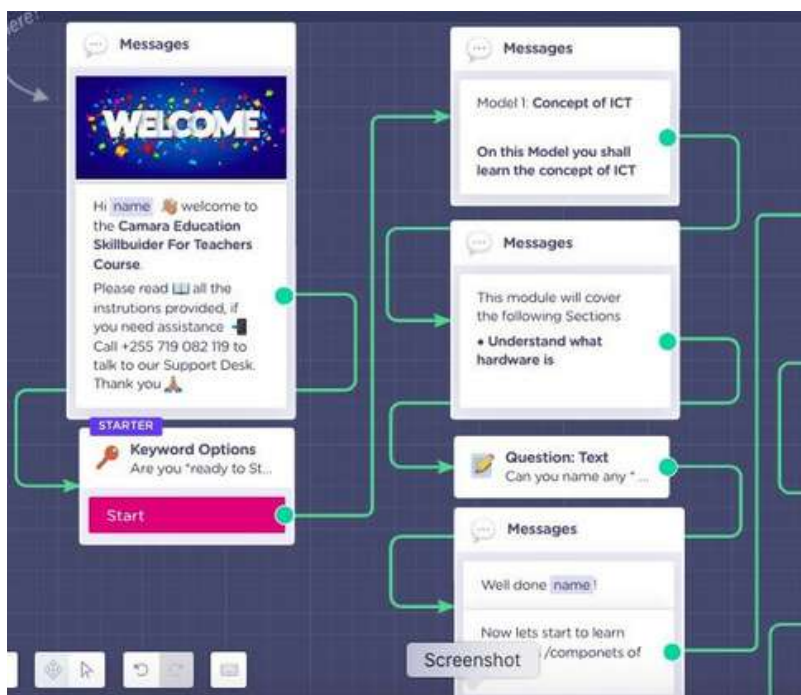
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5. Data Collection Tools

We have developed various data collection tools over the years, from a cloud-hosted open Data Kit on our cloud server to chatbots and 2-way SMS that can be used to collect data from teachers or parents with feature phones.

We also offer device usage tracking for laptops, desktops and tablets with an online dashboard for automated data analysis. These tools aim to simplify data collection and analysis for any project.



Services

1. Capacity Building

Our capacity-building programs aim to equip educators, school leaders, parents, and students with skills and knowledge, and to instil new thinking about edTech. Our blended learning approach starts with hands-on, face-to-face sessions of up to 40 Hrs to help educators build the confidence to use digital tools to enhance their practice. This is followed by online learning through Camara Learning Academy or offline teachers' resources loaded on the lab's hard drive.

Our educators' training covers a range of skills, from digital literacy and ICT pedagogy to troubleshooting and basic maintenance of ICT devices. For learners, our training focuses on inspiring young people to utilise technology in their learning and provides a step-by-step guide on our offline learning repository of digital learning resources (apps, videos, books, articles, etc.). We aim to help learners acquire 21st-century learning skills, such as creativity, critical thinking, collaboration and communication. This is further enhanced through our ICT club program, which allows youth to acquire skills in digital literacy, coding, and graphic design.

For leaders and parents, our capacity-building programs help them better understand and plan how to support edTech programs in schools or communities. Both teachers and students could access additional capacity-building resources loaded offline on their computers, while parents/community members can be further engaged via WhatsApp or SMS.

School leaders and teachers can access Camara Learning Academy for further learning. CLA was built to help teachers expand and acquire knowledge. This also allows educators who couldn't attend training or who want to acquire more knowledge to enrol on different micro-courses available on CLA. Camara Learning Academy can be accessed through learn.camara.org.



2. Maintenance, Repair & Upgrade

Technology adoption is a gradual process that comes with many challenges for new users. We offer various EduTech support services to help our beneficiaries put their skills into practice.

Some of the supportive services we offer include preventive maintenance and repair, hardware and software upgrades, remote and on-site technical support, and preventive maintenance and end-of-life e-waste management.



3. Educational Software Development

Camara designs, develops, adapts, and customises a range of apps and software, from learning management systems to Android apps.

We install different education apps & software on our devices to help our beneficiaries solve the most difficult challenges they face.

The use of this software ranges from the simulation of difficult concepts and edutainment games to the management of e-learning centres & tracking of the ICT device usage.



4. EdTech Consulting

With more than 7 years of experience, we have worked with Pentium PCs with CRT monitors running Windows XP, Core i7 PCs, Raspberry Pi devices, and Android 10 tablets.

After understanding your goals, ideas and vision, we advise and support you in developing and implementing EduTech solutions that ensure positive outcomes for all.

We aim to ensure that technology not only meets the needs of the intended users but is also implemented and managed to realise the promised benefits in education.



PROJECTS IMPLEMENTATION

In addition to the products and services we offer, we have carried out several successful projects funded by local and international donors. We have a track record of executing diverse project categories of varying sizes while playing numerous roles with local and global implementing partners.

From piloting new and promising edTech solutions (hardware or software) to scaling edTech services to hundreds of schools across Tanzania mainland and Zanzibar, our organisation have won several awards and recognitions both locally and internationally. Below is the list of notable projects executed by Camara Education Tanzania.

Our Project Approach

Our projects are either designed, funded, and executed by Camara, or developed and financed by another organisation, with Camara stepping in as an implementing partner to deliver specific project components. Consequently, our role, scale, and mandate can differ from one project to the next, but our focus remains consistently on **edTech**, which is at the heart of Camara's mission.

Tools and Partnerships

We have established tools, systems, networks, and partnerships that enable us to seamlessly deliver our programs in line with project requirements. Whether it involves brand-new hardware like **Ubora**, a comprehensive suite of edtech services like **iKnowledge**, or a nationwide initiative impacting hundreds of rural schools like **MsingiTek**, our enthusiasm, adaptability, and quality stand unparalleled.



1. MsingiTek Project (2025 - 2030)



MsingiTek is an innovative tablet-based foundational learning programme designed to strengthen literacy and numeracy skills for children in Grades 1–3 in Tanzania. The programme uses curriculum-aligned, interactive, child-centred digital learning to help young learners build strong foundations in reading, writing, and arithmetic through self-paced and adaptive learning experiences.

The programme is led by Imagine Worldwide Tanzania in collaboration with local implementation partners, including Camara Education Tanzania, under the guidance of the Ministry of Education, Science and Technology (MoEST), TAMISEMI, and the Ministry of Education and Vocational Training, Zanzibar (MoEVT).

Camara has been implementing the project in 100 schools in Manyara (Kiteto, Simanjiro) and 100 schools in Shinyanga (Kishapu & Shinyanga DC) since 2025, where over 10K tablets have been distributed to more than 25K learners by March 2025.

Camara has four district offices (Kishapu, Shinyanga, Kiteto, Simanjiro) with over 25 full-time staff supporting the project implementation on the ground.





This project targets 532 primary schools on mainland Tanzania and Zanzibar as a proof of concept and will scale to more regions and schools, eventually benefiting all primary schools in the country.

Apart from tablets, schools receive solar charging stations and infrastructure upgrades (windows, washing stations, mats, etc.) for supporting implementation.

MSINGITEK PROJECT SUMMARY

Project Lead: Imagine Worldwide Tanzania

Duration: 2025- 2030

Beneficiaries: Primary School Pupils from Grades 1 to 3

No of Schools: 200 schools by the end of 2026

Regions: Manyara & Shinyanga

Tablets: 10,428 for 25,510 students in 100 schools by March 2026

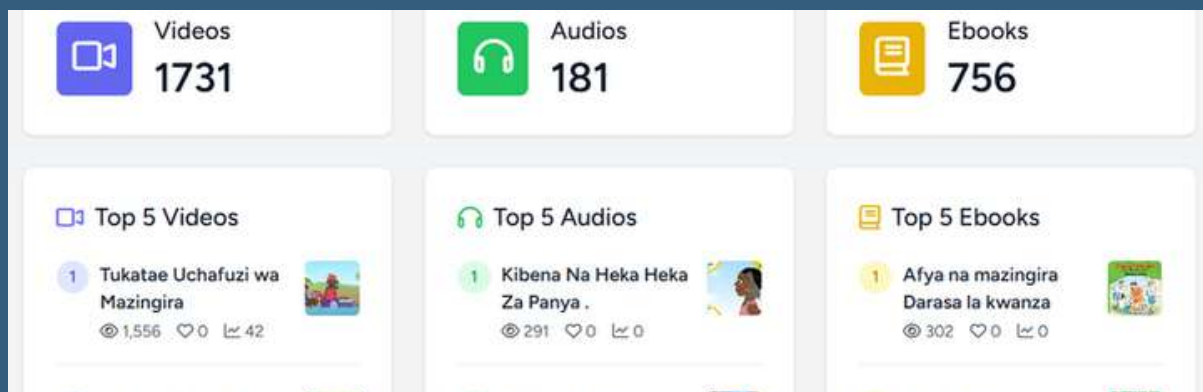


2. Digital Learning Support Project (2025-2026)

In partnership with Ubongo Learning, this project aims to strengthen digital learning in primary schools across Mainland Tanzania and Zanzibar. The project primarily targets rural primary schools that have been left behind in EdTech and receive little to no support.

These schools are equipped with offline digital learning resources (Books, videos, past papers, apps, audio, etc.), maintenance of ICT infrastructure, teacher capacity-building, and students' awareness sessions to expand meaningful access to quality education. The main project objectives are

- Strengthen ICT infrastructure in 300 schools through preventive maintenance and technical support
- Reach over 180,000 learners with quality offline learning resources
- improve ICT integration in classrooms, especially in primary schools
- Support sustainable digital learning practices in underserved communities



DIGITAL LEARNING SUPPORT SUMMARY

Project Funder: Ubongo Learning, Camara HQ

Beneficiaries: Over 180,000 Learners and 3,000 Teachers

Schools: 300 Schools across the Mainland and Zanzibar

Duration: 2025 - 2026

Implementers: Camara Education Tanzania, Ubongo Learning, MoEVT Zanzibar, and PO-RALG/TAMISEMI



3. Ubora Project (2025-2027)

We have partnered with Ubora Tanzania, a US-based NGO, to create a future-ready STEM learning environment that gives young people in Tanzania access to the technology, skills, and opportunities they need to thrive in a rapidly changing world.

This project targets two STEM schools (secondary and primary) in Kilimanjaro, built and run by Ubora Tanzania. With over \$130K invested, the first phase of the project focuses on establishing fully connected and technology-enabled learning environments, including:

- A modern computer laboratory from design to implementation.
- A hands-on Maker Space for innovation and creativity
- STEM-focused Physics and Chemistry laboratories
- Smart classroom technology for interactive teaching and learning
- On-premises & cloud Servers design, delivery & configuration.
- Offline educational resources and digital learning systems.
- Consultations in the design of Ubora EdTech strategy, plans and guidelines.
- Capacity building for teachers and support staff.
- School-wide network design & implementation from classrooms to dormitories.

Every component is designed to support practical, engaging, and student-centred learning.



Through this partnership, Camara Education Tanzania is supporting the development of a modern digital learning ecosystem that strengthens STEM education and expands access to technology-driven learning opportunities for students from diverse backgrounds. The next phase of the project will include scaling the infrastructure to support over 200 students' laptops, a school-wide learning management system, and an overall IT administration system to support the entire ecosystem for both primary and secondary schools.

4. Nasoma Project (2024 - 2028)

NASOMA is a five-year project launched in 2024 and implemented by MoEST, PO-RALG, and Camara Education Tanzania. The project aims to equip 75 public secondary schools with fully functional Digital Learning Centres and integrate ICT into teaching and learning.

In the first two years, 15 schools were supported in 2024 and 13 schools in 2025 towards our goal of equipping 75 schools with digital learning centres. So far, the project has provided access to Digital Learning Centres for 32,416 students and trained over 700 teachers on integrating technology into education.

The project focuses on three key areas:

- Equipping schools with the necessary ICT infrastructure and systems
- Strengthening the capacity of teachers and school leaders
- Building a sustainable model for ICT integration and support in schools.

Each component is designed to reinforce the others, ensuring maximum impact and long-term sustainability. The project has prioritised schools currently teaching the ICT subject, but not

NASOMA PROJECT SUMMARY

Project Donor: Individuals & Organisations

Duration: 2024 - 2028

Beneficiaries: 420 Teachers, 28,500 Students

No of Schools: 28 Sec Schools from Different Regions

Project Implementers: Camara, TAMISEMI, MOE



5. Connecting Unconnected (From 2023)

Helios Towers and Camara have partnered to enhance digital education in Tanzania through the establishment of Digital Learning Centres, educator and student training, and improved education infrastructure, including environmental engagement and girls' empowerment. This is part of Helios Community Social Responsibility (CSR), which invests in communities where its telecom towers are located.

What's Driving the Partnership?

- **Shared Vision:** Helios Towers supports digital education to bridge the digital divide.
- **Local Empowerment:** Camara delivers ICT labs, resources, and training to local communities hosting Helios telecom towers.
- **Strategic Reach:** The initiative spans urban, rural, and island regions for inclusive access.
- **Ongoing Commitment:** Since 2021, the partnership has grown yearly to reach more schools.

The project target public secondary schools in underserved areas, within Helios telecom towers locations including large urban schools such as Kurasini in Dar Es Salaam with over 3000 students, remote rural schools such as Endevesi in Arusha, serving pastoralist Maasai communities with previously no ICT access, island schools such as Mkwajuni in Zanzibar, and rapidly growing schools in suburban areas such as Chinangali in Dodoma and Igogwe in Mwanza.

PROJECT SUMMARY

- Schools Supported: 9
- Trained Teachers: 183 with
- Computers Installed: 234
- Impacted Learners: 9,900+



6. Big Give Project

The project resulted from online fundraising conducted by Camara Head Office in December 2021, aimed at providing 50 former Camara schools with maintenance, upgrades, and refresher training.

The project was launched in Jan 2022, providing refresher training for 350 teachers, maintenance for more than 500 computers, and ICT awareness training for 2500 students. The project engaged district ICT officers to ensure ICT support in secondary schools through integration and technical support. The project ended in October 2022, after conducting monitoring and evaluation to assess improvements in the use of ICT in teaching and learning.

This project aimed to ensure the sustainability of our former schools while upgrading teachers' skills and digital learning resources to align with evolving technology and academic needs.



BIG GIVE PROJECT SUMMARY

Project Donor: Fundraising through the Big Give

Duration: 2021 - 2022

Beneficiaries: 300 Teachers, 1000 Students

No of Schools: 50 Sec Schools from Different Regions

Project Implementers: Camara Education

7. Learn Kernel (2021 - 2022)

This project aims to pilot the use of the LearnKernel, a low-cost tablet-like device, to improve teaching and learning. Under this pilot project, St Francis of Padua Primary School received 75 Learn Kernel devices loaded with STEM learning videos. The school also received comprehensive teacher training and support for three months from October 2021 to Jan 2022.

The results of the monitoring and evaluation of this pilot indicated that students' engagement and understanding were enhanced by the devices. On top of that, students performed better on topics delivered via the devices than on other topics.

On the other hand, feedback from teachers and students helped redesign the Learn Kernel device (Navigator Pro), with improvements to the volume control, earphone set, and video controls. These inputs helped Potter Tech, a US-based firm, improve the device's design and enhance future versions for use in rural schools, crisis response, and other fields such as agriculture and farmers' training.

LEARN KERNEL PROJECT SUMMARY

Project Donor: Potter Tech & Camara

Duration: 2021 - 2022

Beneficiaries: 150 Students, 6 Teachers

No of Schools: 1 School in Dar Es Salaam

Project Implementer: Camara



8. Botnar Project (2020 - 2023)

This project aims to use technology to address mental health challenges facing students in four Camara-served schools in Morogoro and Mwanza regions. Camara Education Tanzania is working with the Tanzania Training Centre for International Health (TTCIH) from Morogoro as the implementing partner in Tanzania, while Vietnam National University is the implementing partner in Vietnam. The project is funded by the Botnar Foundation and led by the Overseas Development Institute (ODI) in the UK.

As the technology partner for the project, we worked with youth from these schools to co-create and co-design two digital solutions to address mental health challenges. During the implementation phase, students utilised both digital and non-digital solutions, and we worked to support both students and teachers, extracting data from the digital solution to facilitate the study.

Camara provided technical support and data collection until Nov 2022, after which the final evaluation and dissemination of project findings were conducted. This project showcases Camara's ability to work with stakeholders from diverse backgrounds and implement edtech solutions that not only address academic challenges but also other cross-cutting issues such as gender, mental health and climate change.

BOTNAR MENTAL HEALTH PROJECT SUMMARY

Project Donor: Botnar Foundation

Duration: June 2020 - March 2023

Beneficiaries: 140 Students

No of Schools: 4 Schools from Morogoro and Mwanza

Project Implementers: TTCIH, Camara & ODI



Home
 Modules
 Trackers
 About Me
 Students
 Logout

About Program

With the funding support from Foundation Botnar, this project is being implemented by Overseas Development Initiative (ODI), the Tanzanian Training Centre for International Health (TTCIH) and Camara Education Tanzania in 2 regions of Tanzania mainland (Mwanza & Morogoro). The project aims to address the mental health needs of adolescents in schools through the co-creation and application of digital and non-digital approaches and technologies. The objectives of the project include:

- Identifying drivers of mental ill-health amongst adolescents taking into account underlying social norms that may be driving mental distress.
- Co-creating and designing digital technology solutions or applications and other approaches with adolescents, teachers and local authorities to support in enhancing the mental health and overall wellbeing of adolescents.
- Reviewing and adopting the developed applications and approaches through mixed-method baseline and end-line study and ongoing feedback loops.
- Documenting the effectiveness of the technology-based solutions tested by the project for mental health problems.

School Mhovu Primary School

Location Kilombero, Morogoro

Address ***

E-mail ***

Phone ***

Module Sessions Data

Mood Tracking Data

Sleep Tracking Data

Session Feedbacks

9. KitKit Project (2020 - 2021)

KitKit School is a comprehensive early-learning solution designed for lower-grade children by Enuma, Inc. Kitkit School is a child-directed, tablet-based, personalised learning system, ideal for self-directed early learning in low-resource communities in developing countries to improve literacy and numeracy. KitKit was developed and tested in an out-of-school learning environment as part of the Xprize Global Learning Competition. Camara and Enuma wanted to pilot the in-school implementation and develop a scalable model for adopting this award-winning solution in a public school setting.

Thus, we implemented this pilot project for 3 months, from September to November 2020, targeting 300 learners in grades 1-3 at Twiga Primary School in Temeke, Dar Es Salaam. This was followed by developing digital resources for teachers and stakeholders, and by engaging government and other education actors interested in scaling this project. The pilot project was co-funded by Camara, Enuma, and the Korea International Cooperation Agency (KOICA)—it aimed to design a scalable, sustainable model that could be replicated in other schools.



Through the pilot, we confirmed that the model can address the key factors for sustainability and scalability defined at the outset. The teachers are successfully running the program on their own initiative after the project.

The project was successfully completed and enabled the design of a scalable model for implementing a similar intervention in other schools. Enuma released a new version of the app that incorporates improvements and recommendations from this project.

KITKIT PROJECT SUMMARY

Project Donor: Koica Korea & Enuma Inc

Duration: Feb 2020 - Aug 2021

Beneficiaries: 300 Students, 6 Teachers

No of Schools: 1 School in Temeke, Dar Es Salaam

Project Implementers: Camara & Enuma Inc



10. Discover Learning (2019 - 2021)

Discover Learning is an innovative research project designed by the Centre for the Developing Adolescent at UC Berkeley. This project aims to provide new insights into early intervention opportunities to improve the life trajectories of adolescents in Tanzania and to leverage these insights to develop an intervention strategy.

Camara was a technology partner for the project, responsible for providing all hardware and software required for its implementation. As a technology partner, our role was to provide technical support for the project for two years. From the design of Android apps to the provision of ICT equipment (tablets, projectors, power supplies, etc.) for student sessions, our role was to deliver appropriate tech solutions to support the project's implementation.

During Covid19 lockdown, we developed a chatbot and interactive SMS to deliver project content (videos, notes, graphics and questions) to students through parents' phones and established a distribution mechanism where students receive weekly episodes via DVD to ensure the continuation of the project.

DISCOVER LEARNING PROJECT SUMMARY

Donor: Bill and Melinda Gates Foundation

Duration: Jan 2019 - April 2021

Beneficiaries: 600 Young Adolescents

No of Schools: 4 Schools in Temeke, Dar Es Salaam

Project Implementers: Camara, Ubongo, HPON, Save the Children, Delberg



11. Skills for their Future (2020)

This project was funded by Their World and implemented by BRAC Tanzania and Camara Education Tanzania. Our role was to install the Kolibri platform on 20 laptops, load the provided digital content, and train teachers to use it.

The project was implemented at Temeke Secondary School in Dar es Salaam, and our role was to install and configure the Kolibri learning platform and train teachers to use it to improve girls' learning outcomes. Our partner BRAC provided ongoing support to the school, facilitating weekly after-school sessions for girls, while Camara provided technical support as needed.



PROJECT SUMMARY

Project Donor: Their World

Duration: March 2020 - Aug 2020

Beneficiaries: 20 Girl Students

No of Schools: 1 School in Temeke, Dar Es Salaam

Project Implementers: Camara & BRACK Tanzania

12. iKnowledge Project (Jul 2015 - Mar 2018)

The iKnowledge project aimed to transform education through the availability & use of ICT infrastructure by strengthening teachers' skills, improving education & learning outcomes for Tanzanian children, and providing employment opportunities for Adults. The project was implemented in all regions of the mainland and Zanzibar for two years. Our role was to provide ICT equipment, train teachers and provide technical support to all schools.

Funded by the UK Space Agency and led by AVANTI, the project demonstrates how access to satellite broadband can equip teachers to create an improved teaching and learning environment in both primary and secondary schools through transformed teaching methodologies. This was realised through the provision of connectivity, capacity-building training, ICT resources, and digital content delivered through an educational platform. Camara was responsible for edtech implementation, including the supply & installation of ICT equipment, technical support, maintenance, teacher/leader training, and the development of online learning modules.



We supplied laptops, projectors, offline servers, storage and charging cages to primary and secondary schools and delivered training to teachers and school leaders. We also provided refresher training and ongoing technical support for 2 years and developed an online learning platform for teachers' professional development, featuring 11 courses covering various edtech and pedagogical concepts.



The project demonstrated how EdTech and satellite services can support e-learning in Tanzania, with a specific focus on sustainable business models, professional development, and teacher support.

The iKnowledge project outputs:

- 312 schools were provided with satellite connectivity, along with 917 laptops and 323 projectors.
- 574 individual teachers were trained, and 88% reporting that the training was relevant to their needs.
- 100% of trained teachers report improved ICT capacity and skills.
- 90% of teachers reported feeling more confident in using ICT in their teaching.
- 34,575 students have been directly reached through iKnowledge since the project began.
- 79% of students report using ICT for their learning.
- 96% of students report an increase in integration of ICT resources in the classroom.

IKNOWLEDGE PROJECT SUMMARY

Project Donor: UK Space Agency, Avanti PLC

Duration: July 2015- March 2018

Coverage: 312 Schools in Tanzania Mainland & Zanzibar

Beneficiaries: 574 Teachers and 34,575 students

Project Implementers: TAMISEMI, Avanti, Camara, UCSAF, TEA



13. Vodafone Maths Channel (2017- 2018)

This project aimed at creating the Vodafone Maths Channel for Tanzania Primary schools by mapping and translating Khan Academy Math videos. The project aimed to provide free access to online Maths learning materials for primary school, developed in conjunction with Learning Equality (Standards 1-7, Ages 7-14).

Our role was to map Open Source content (Khan Academy) to the Tanzanian primary school curriculum for use on the Vodacom Instant School platform. Relevant Open Source Content Translated include 409 videos with Swahili subtitles and 315 interactive exercises fully translated.

Mapped & Translated Content was uploaded to the Vodafone Maths Channel for Tanzania, and it's freely available across Tanzania.

VODAFONE PROJECT SUMMARY

Project Donor: Vodafone

Duration: July 2015- March 2018

Output: 409 Videos and 315 interactive exercises

Project Implementers: Camara, Learning Equality



14. Kolibri (2017 - 2019)

A pilot project by Learning Equality with the aim of tackling education inequality by providing first-class education content to schools in areas without internet connectivity.

This project aimed to test and scale the use of the Kolibri learning platform for the customisation, dissemination, and management of learning resources. The involved schools received a fully furnished e-learning centre with 25 computers each and a local resource server running Kolibri.

Project Schools are equipped with:

- Two Digital learning centres
- 50 computers and 2 servers.
- A local area network (LAN) is installed in both schools.
- Kolibri platform loaded with Khan Academy content.

KOLIBRI PROJECT SUMMARY

Project Donor: Google.org

Duration: July 2017- June 2019

Beneficiaries: 12 Teachers, 50 Students

Schools: 2 Schools in Dar Es Salaam

Output: 409 Videos and 315 interactive exercises.

Project Implementers: Camara, Learning Equality



15. UCDVO Project (2009 - 2020)

In collaboration with University College Dublin (UCD), Volunteers Overseas (VO) and TanZed, the project aims to provide digital skills to teachers and students in primary and secondary schools in Morogoro. This is the longest project we have implemented so far, with 33 schools in rural and urban areas of the Morogoro region. Since 2020, we haven't added any new schools due to COVID-19 challenges that have restricted funding and volunteers' travel from Ireland.

- Duration 2009 to 2020
- 950 teachers have been trained.
- Approximately 35,000 students across 33 schools were given access to ICT education
- 33 classrooms were renovated into fully operational computer labs.
- 850 computers installed in schools

Camara continued to provide technical support and maintenance for four years after completion, while UCD offers online training for teachers.

UCDVO PROJECT SUMMARY

Project Donor: UCDVO **Duration:** 2009- June 2020 **Beneficiaries:** 950 Teachers, 35,000 Students **Schools:** 33 Schools in Morogoro **Project Implementers:** Camara, UCD & TanZed



16. Porticus Project (2014 - 2015)

The Porticus project aimed to provide students with 21st-century levels of digital literacy and, in doing so, improve educational outcomes in schools. Each Digital Learning Centre comprises twenty-five refurbished computers, a server and networking hardware; each computer is connected to the lab network and has access to a significant repository of educational content and open-source software.

The delivery of every e-Learning Centre includes:

- Lab setup advice and support
- PC installation
- Network installation & configuration
- Teacher training
- Hardware maintenance & replacement
- e-Waste recycling

The project installed 25 e-Learning centres in 25 secondary schools in Dar es Salaam, Manyara, Kilimanjaro, and Katavi, and trained 231 teachers, impacting 17,591 students. Camara continued to provide ongoing support (retraining, maintenance etc) to these schools through other funders/projects to ensure sustainability and durability.

UCDVO PROJECT SUMMARY

Project Donor: Porticus

Beneficiaries: 231 Teachers, 17,591 Students

Schools: 25 Schools in Mailand

Project Implementers: Camara



17. UNESCO: Women in African History (2015)

The project aimed at developing an e-Learning tool to highlight the role of women in African history, whose contributions are not given the platform they deserve.

Young girls were encouraged and motivated by learning about the history of great African women, such as Bibi Titi Mohamed, Wangari Mathai, and Njinga Mbandi. The tool was a perfect example of linking technology, culture, education and sustainable development. A short film documenting the use of the tool at Jangwani secondary school won an award at the 2015 My Hero International film festival.

The documentary's name is "My Little Thing is to Plant a Tree" and can be accessed here (<https://www.youtube.com/watch?v=kAZkGeB7Uu4>)



My Little Thing is to Plant a Tree

1,556 views • Apr 2, 2015

21 DISLIKE SHARE CLIP SAVE



UNESCO
386K subscribers

Screenshot

SUBSCRIBE

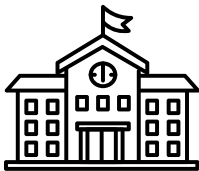
Overall Partners & Donors



Impact assessment

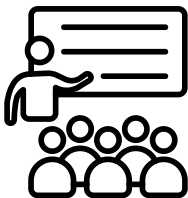
Our impact figures up to June 2026

Impact Figures



Schools Supported
1,097

Trained Educators
6,500+



Learners Impacted
376,800+

Tablets In Schools
10,500+



Computers In School
12,230+

Awards

Pan African Awards 2016

Camara Education Tanzania was officially announced as one of the three winners of the Pan-African Awards for Entrepreneurship in Education 2016 was run by Teach a Man to Fish.



Awards

Certificate of Educational Appreciation

In August 2018, Camara Education Tanzania received a Certificate of Appreciation from the Tanzania Education Authority for their role in the iKnwoledge project.





COMPANY PROFILE