

.pearl
tech foundation

A PEARL TECH HUB INITIATIVE

PARTNERSHIP & INVESTMENT PROPOSAL

Every child deserves to build the future.

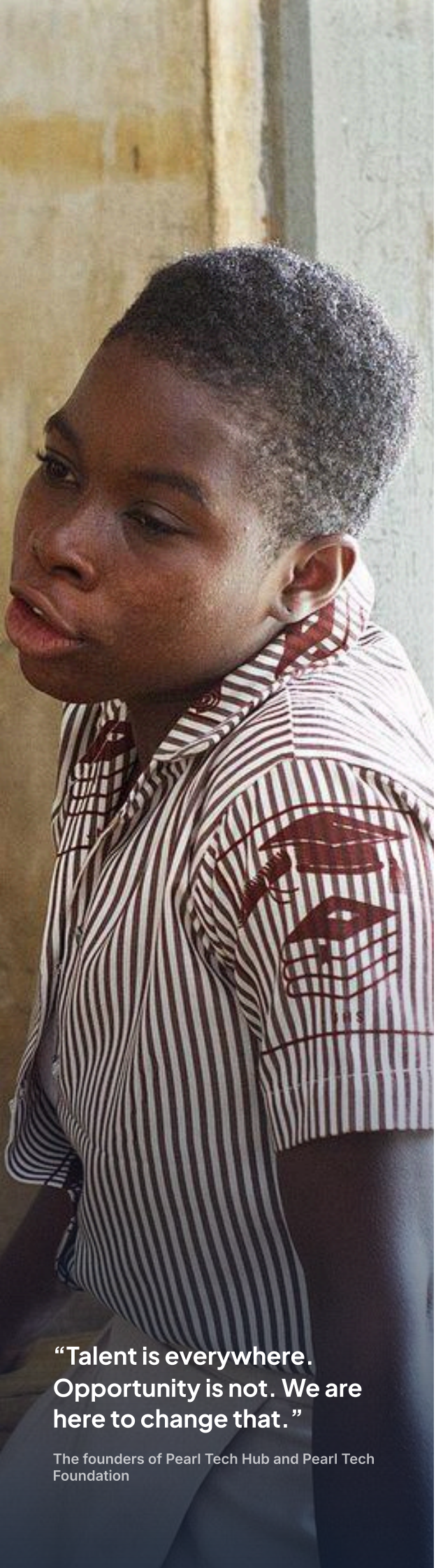
Bringing artificial intelligence, robotics and coding, with the laptops, kits and virtual science labs to learn them, to schools in remote parts of Uganda.

5 schools
2027 pilot in Kampala, Wakiso and Mukono

1,000 learners
in AI, robotics and coding

50% girls
in every cohort, by design

November 2026
pearltechfoundation.pearltechhub.com



“Talent is everywhere. Opportunity is not. We are here to change that.”

The founders of Pearl Tech Hub and Pearl Tech Foundation

CONTENTS

In this proposal

01	Executive summary	03
02	Investment highlights	04
03	The challenge	05
04	Our solution	07
05	Learning pathway and theory of change	08
06	Programmes	09
07	The Pearl Virtual Lab	10
08	Funding model	12
09	Who we are	13
10	The 2027 pilot	14
11	Budget and ways to invest	15
12	Measuring impact	16
13	Accountability and risk	17
14	Roadmap and alignment	18
15	Partner with us	19

About this proposal

For foundations, development partners, companies and individuals who want to invest in technology education for learners in remote Ugandan schools.

PREPARED BY	Pearl Tech Foundation, a Pearl Tech Hub initiative
DATE	November 2026
CURRENCY	Uganda shillings (UGX)
CONTACT	info@pearltechhub.com · +256 766 692 958

EXECUTIVE SUMMARY

Paid programmes fund free ones

Pearl Tech Foundation, the charitable arm of Pearl Tech Hub, brings AI, robotics and coding, with the equipment and virtual labs to learn them, to schools in remote parts of Uganda that have no computer lab. A share of Pearl Tech Hub's income from fee-paying schools, plus partner grants, pays for the same programme, free, where it is needed most.

5
partner schools in the 2027 pilot

1,000
learners over three school terms

50%
girls in every cohort

100
schools and 20,000 learners from 2030

The opportunity
About half of Uganda's 45.9 million people are under 18, yet only about a quarter of secondary schools are fully ready for digital learning. Rural schools are the furthest behind.

Our answer
Trainers, equipment and the Pearl Virtual Lab, delivered together through a model already running in fee-paying schools, and funded so that support grows as Pearl Tech Hub grows.

Why it lasts
Certified teacher champions, the equipment and the Virtual Lab stay with every school, and two income streams mean support does not stop when one grant ends.

THE ASK

Fund the 2027 pilot in five schools

UGX 150–195 million covers training for 1,000 learners over three terms in Kampala, Wakiso and Mukono. Equipment and Tech Kits are quoted after site visits. Support can start with one learner or one school.

UGX 150,000
one learner for a full school year (primary)

UGX 30–39M
one partner school of about 200 learners for a year

Where every shilling goes

At least 80% · delivery: trainers, equipment, Virtual Lab, camps | **≤ 20% · admin, M&E, audit**

Ring-fenced from Pearl Tech Hub's business, recorded every term and audited every year.

INVESTMENT HIGHLIGHTS

Six reasons to invest with us

Every shilling buys real learning time with trained instructors and real equipment, and every result is measured and reported.

Low cost per learner
UGX 50,000–65,000 per learner per term for weekly, hands-on training. UGX 1 million funds about 20 primary learner-terms.

A sustainable model
Two income streams: a share of Pearl Tech Hub's paid-programme income, plus partner grants. Support grows as the Hub grows.

Proven delivery
The same curriculum, trainers and equipment already used in fee-paying partner schools around Kampala.

Measured results
Baseline and end-of-year assessments, termly attendance and Virtual Lab data, and quarterly reports from day one.

Accountable by design
Ring-fenced, audited funds; at least 80% spent on delivery; safeguarding and data protection built in.

Change that stays
Certified teacher champions, equipment and the Virtual Lab remain with every school after funding ends.

YOUR INVESTMENT AT A GLANCE

What UGX 1 million makes possible

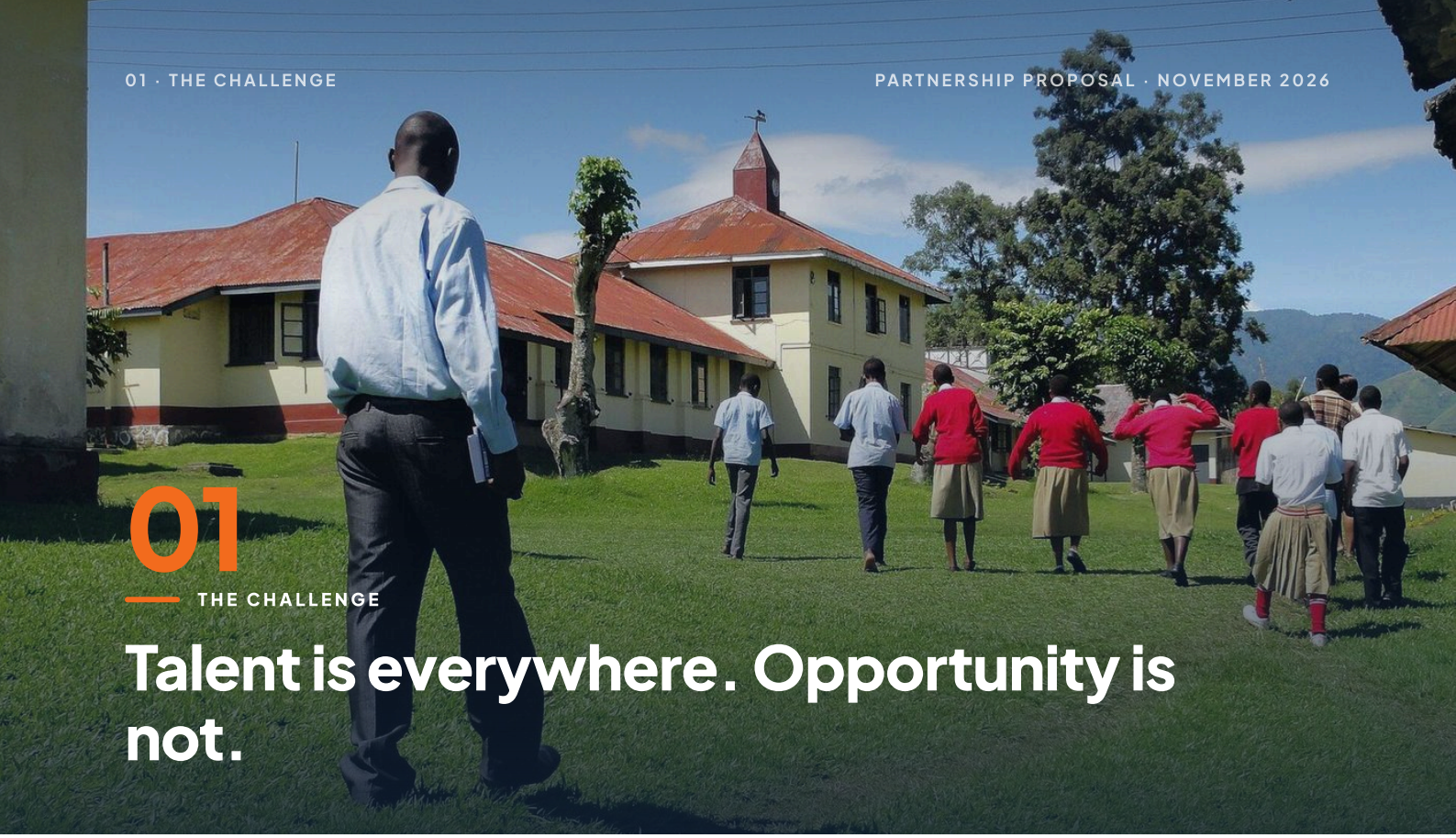
Based on Pearl Tech Hub's published rates of UGX 50,000 per primary and UGX 65,000 per secondary learner, per term.



≈ 20
primary learner-terms of weekly training

≈ 15
secondary learner-terms of weekly training

80%+
of every shilling spent directly on delivery



01

THE CHALLENGE

Talent is everywhere. Opportunity is not.

Uganda is one of the youngest countries in the world, and the jobs its young people will do are being reshaped by AI and automation now. Yet the schools that serve most of them cannot teach these skills.

≈ ½
of Uganda's 45.9 million people are under 18

≈ ¼
of secondary schools are fully ICT-ready: power, computers and internet

1 : 63
digital devices to students, on average, in secondary schools

> ⅓
of secondary schools have no internet access at all

Sources: UBOS, National Population and Housing Census 2024. Nationwide digital readiness assessment of 3,276 secondary schools (Nov 2025 – early 2026) by UNICEF, the Association of Secondary School Headteachers of Uganda (ASSHU) and the Ministry of Education and Sports, with the Mastercard Foundation, reported by UNICEF Uganda on 19 March 2026. About 17% of these schools are completely off the national grid, only about half have reliable power through the school day, and rural schools are the most likely to be "unplugged".

What many remote schools are missing

- Computer lab
- Science laboratory
- Reliable power
- Internet
- Trained ICT teacher

WHY REMOTE SCHOOLS FALL FURTHEST BEHIND

Four gaps that decide who gets a chance

No budget for technology

Low-fee and government-aided schools stretch every shilling across teachers, meals and exams.

No equipment, no lab

Without a laptop, a desktop or a science laboratory, even free software is out of reach, and practical science becomes theory on a blackboard.

Few trained teachers

The competency-based curriculum asks for skills few teachers were trained to teach. ICT is an elective in lower secondary, and schools without computers struggle to offer it.

Girls left furthest behind

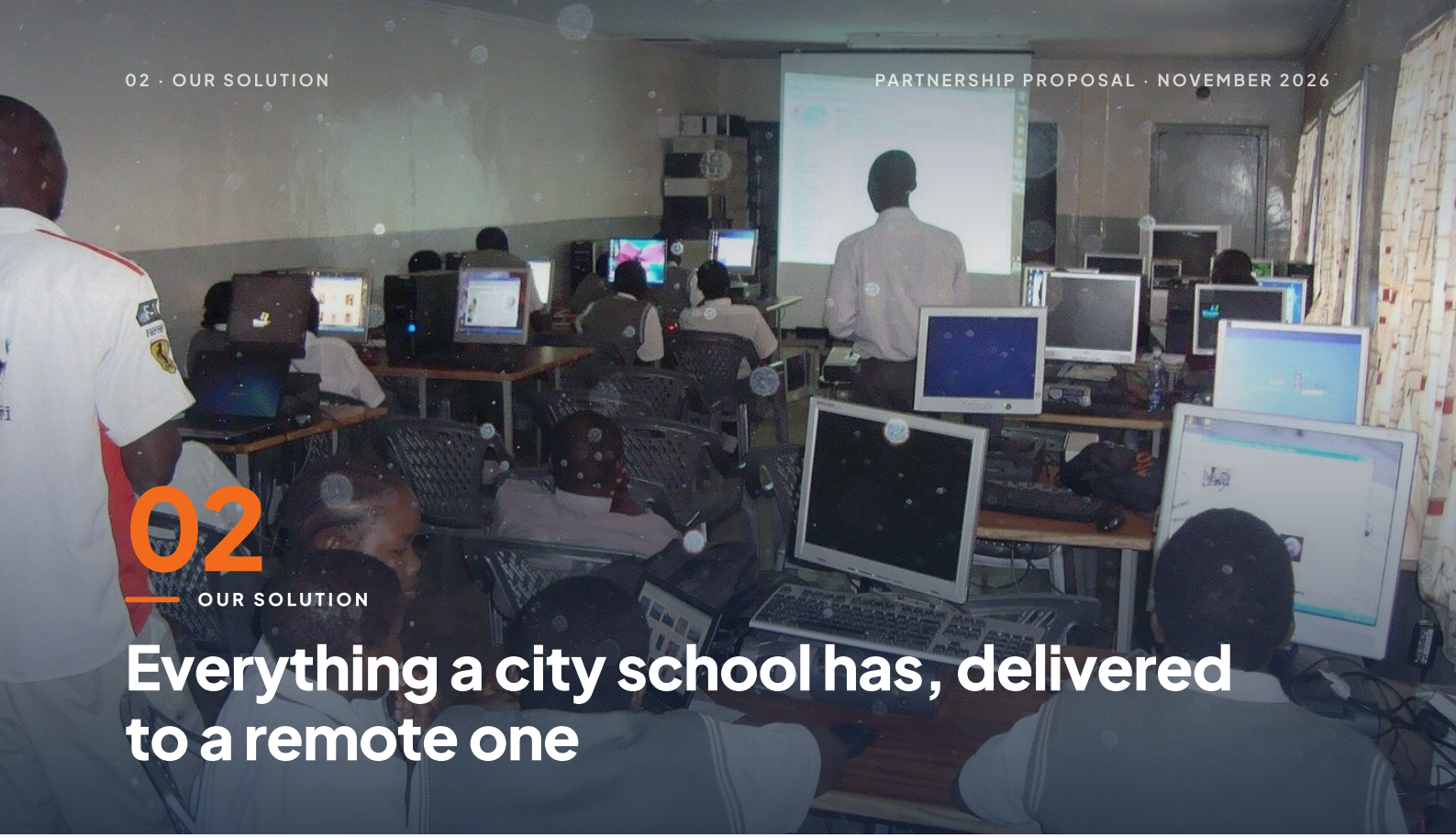
Where technology is scarce, girls get the least time with it, and the fewest role models.



Many learners, one computer: a familiar scene in Ugandan schools.

> A learner's chance of becoming an engineer, a developer or a data scientist is decided by whether their school can afford a computer room, not by their talent.
>
> That is the gap Pearl Tech Foundation exists to close.

The gap	Our response
No budget for technology	Paid programmes and partner grants fund the full programme; schools pay nothing.
No equipment, no lab	Laptops and kits, a solar-powered Pearl Tech Kit, and the Pearl Virtual Lab on existing devices.
Few trained teachers	Weekly trainer visits and certified teacher champions in every school.
Girls left behind	A 50% girls target, girls-only clubs and women role models in technology.



02

OUR SOLUTION

Everything a city school has, delivered to a remote one

Three things, delivered together, turn a classroom with nothing into a place where learners build real technology.



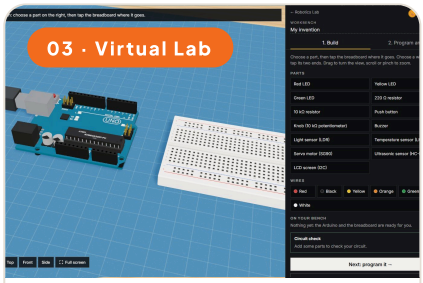
Trainers in every partner school

Pearl Tech Hub's trainers teach coding, robotics and AI every week, and certify one or two teacher champions per school so learning continues between visits.



Laptops, kits and the Pearl Tech Kit

Laptops, desktops and robotics kits for schools that have none, and a solar-powered portable lab that rotates between schools with no computer room.



The Pearl Virtual Lab

Robotics, electronics, chemistry, A-Level Maths and AI labs in the browser, following NCDC syllabuses, on school computers and phones, even offline.

What every partner school receives, free

- Weekly sessions with trained instructors
- Laptops, kits or a rotating Tech Kit
- The Pearl Virtual Lab on every device
- Certified teacher champions
- Innovation Camps and competitions
- Termly progress reports

THE LEARNING PATHWAY

From the first block of code to artificial intelligence

Every learner follows the same pathway Pearl Tech Hub uses in fee-paying schools, matched to their class level.

01 — Scratch
Learners snap coding blocks together to make stories, animations and games.

02 — mBlock
The same blocks now control real hardware: lights, sensors and motors.

03 — Python & Arduino C
Learners move to typed code, in the lab and on real boards.

04 — Robotics & IoT
Robot cars, arms and Wi-Fi boards that sense their surroundings and respond.

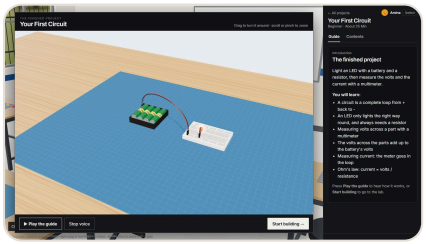
05 — Artificial intelligence
Programs that recognise faces, poses and images, and using AI assistants well.

THEORY OF CHANGE

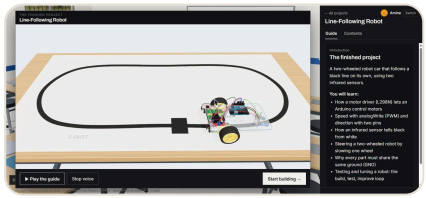
How the investment becomes impact

INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES	IMPACT
What goes in	**What we do**	**What we deliver**	**What changes**	**Why it matters**
Trainers, curriculum, equipment, the Virtual Lab, and funding from paid programmes and partners.	Weekly sessions, teacher-champion certification, holiday Innovation Camps, girls-only clubs.	Learners trained each term, teachers certified, practicals completed, projects built and shown.	Measured gains in digital, science and problem-solving skills; girls' participation; teacher capacity.	Young people from remote schools become technology creators, professionals and experts.

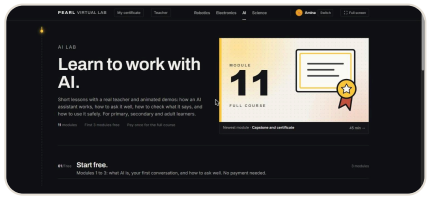
What learners build along the way



A first circuit, wired hole by hole



A line-following robot car



The AI course and capstone project

Hands-on, every week. Learners build and code real projects from the first term, then show their work to families, partners and district officials.

The same quality everywhere. Remote schools receive exactly the programme fee-paying schools pay for.

03 · PROGRAMMES

Six ways we bring the future into the classroom

Each programme can be funded on its own or combined into a full school partnership. Funders choose where their support goes and receive reports on that work.



Sponsored Seats

Funders pay for individual learners to join Pearl Tech Hub's in-school programme for a full term.

- Weekly hands-on sessions
- Primary and secondary tracks
- Termly progress report per learner



Pearl Tech Kit

A portable lab in a case for schools with no computer room and unreliable electricity.

- Laptops, Arduino and mBot2 robots
- Solar power bank for off-grid schools
- Rotates between schools each term



Teacher Champions

One or two teachers per school trained and certified, so learning continues between trainer visits.

- Practical certification course
- Teacher dashboard in the Virtual Lab
- Skills stay after funding ends



Girls in Tech

Every cohort aims for at least half girls, with girls-only clubs and women role models in technology.

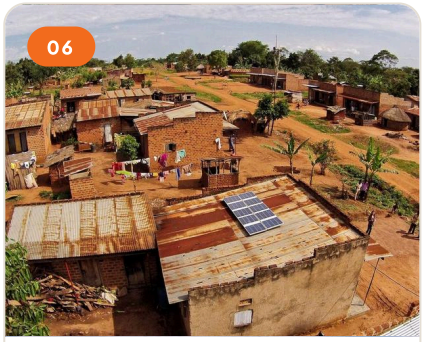
- 50% participation target
- Female role-model sessions
- Girls-led showcase projects



Innovation Camps

Holiday camps at the Pearl Tech Hub lab in Naguru that end in a team robotics competition.

- Seven-day camp framework
- Team robotics challenge
- Certificates and a family showcase



Community Solar Lab

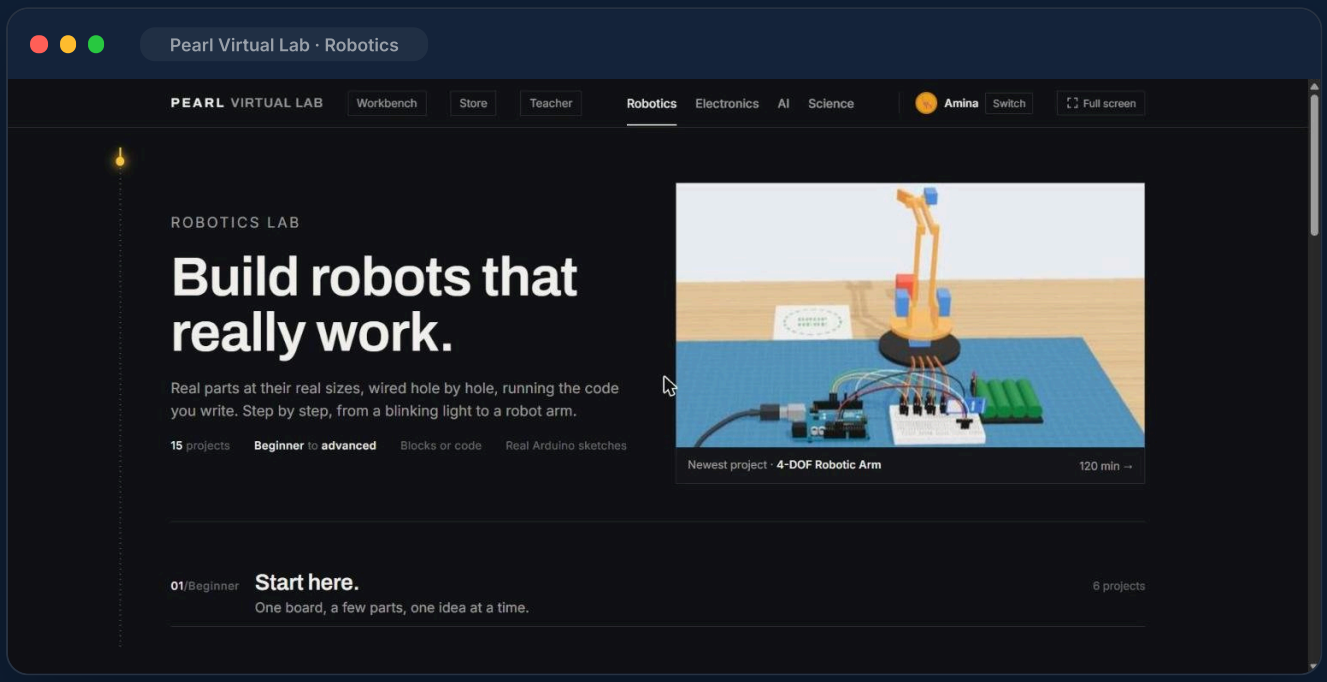
Our long-term goal: a permanent, solar-powered learning hub shared by a rural community and its schools.

- Off-grid, always-on learning space
- Shared by several schools
- Run by locally trained staff

04 · PEARL VIRTUAL LAB · A PRODUCT OF PEARL TECH HUB

A full science and technology lab, in every browser

A real laboratory costs millions of shillings. The Pearl Virtual Lab runs on the laptop or phone a school already has: real parts, real code and real practicals, following Uganda's NCDC curriculum. The Foundation brings it free to schools that have no lab at all.



5 labs in one app

20 guided 3D build projects

20 chemistry practicals

27 A-Level Maths topics

11 AI course modules

81 real parts in 3D

Built for real schools

Profiles on shared computers: a first name and an animal, no passwords, nothing leaves the browser.

Works offline

Once loaded, the lab keeps working when the connection drops, on PCs without a graphics card and on phones.

Teacher dashboard

Shows where every learner is and where the class gets stuck, with export to Excel.

From screen to bench

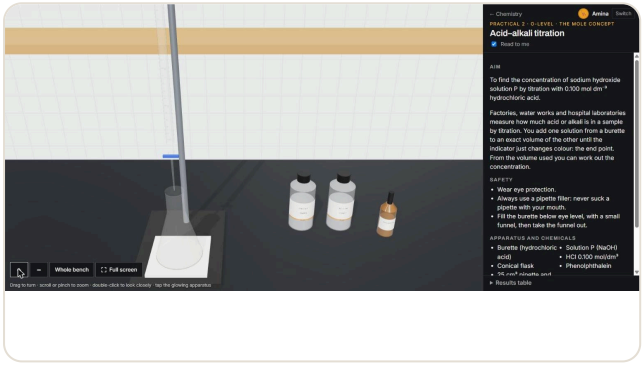
Every part is a real part with an exact shopping list, so schools can move to physical kits.

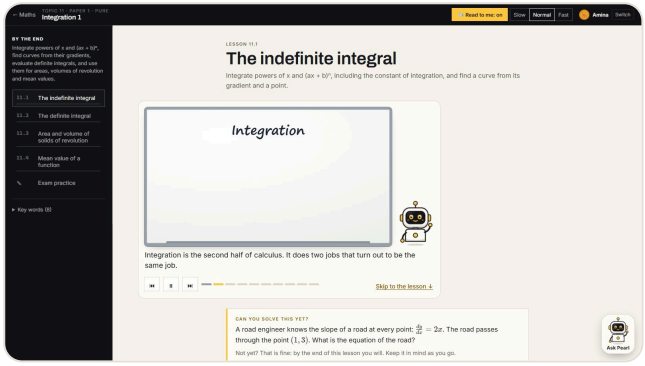
IN THE CLASSROOM

Practicals a school without a lab can still do

Learners set up the apparatus, follow the method, record their results and draw conclusions, just as the UNEB practical paper expects, and arrive at a real laboratory already knowing what to do.







Left: an acid–alkali titration on the 3D chemistry bench. Right: Pearl, the lab's virtual teacher, explains an A-Level Mathematics lesson.

Chemistry, O-Level and A-Level

NCDC topic maps for Senior 1 to Senior 6, with 20 practicals on a 3D bench: titration, flame tests, electrolysis, chromatography, gas tests and rates of reaction.

Principal Mathematics, A-Level

All 27 NCDC topics from Senior 5 to Senior 6, with worked examples, instant marking and UNEB-style timed practice.

Robotics, electronics and IoT

Twenty guided projects, from a blinking LED to a 4-DOF robotic arm, with blocks for young learners and real Arduino code for older ones.

AI course with certificate

Eleven modules on working well and safely with AI assistants, for primary, secondary and adult learners, ending in a capstone project.

05 · THE PEARL TECH PARTNERSHIP

A model that does not depend on a single grant

Every school that pays Pearl Tech Hub for its training programme helps a school that cannot pay, and grants from partners multiply that effect.

Two income streams
Fee-paying schools pay for Pearl Tech Hub's training. NGOs, organisations and the Ministry of Education give grants.

→

Pearl Tech Hub
Delivers the paid programmes and channels a share of that income, plus every grant, to the Foundation.

→

The Foundation
Turns the money into equipment, trainers and Virtual Lab access, and reports on every shilling.

→

Remote schools
Receive the same programme free, with the equipment and trained teachers to run it.



Building together: pupils at work on a school project in Uganda.

Why this model works

- **Proven delivery.** The same curriculum, trainers and equipment already run in fee-paying partner schools around Kampala.
- **Low overheads.** The Hub already employs the trainers, owns the curriculum and builds the Virtual Lab, so grants go into delivery.
- **Support that grows.** As Pearl Tech Hub's paid programmes grow, so does the Foundation's funding.
- **Accountability built in.** Ring-fenced funds, an income share recorded every term, and yearly audits.

Every partner gives something and receives something

Partner	Gives	Receives
Fee-paying schools	Programme fees	A proven programme and the Virtual Lab for their own learners, and a share in reaching remote schools
Funders and partners	Grants, sponsorship, equipment	Verified impact data, audited accounts, recognition
Remote schools	A timetable slot, a safe room, a teacher champion	Equipment, trainers, the Virtual Lab and a free programme

06 · WHO WE ARE

The charitable arm of Pearl Tech Hub

Pearl Tech Foundation was started, and is run, by the founders of Pearl Tech Hub. It shares the Hub's team, trainers, curriculum, equipment and office in Naguru, Kampala, so it can deliver from day one.

Pearl Tech Hub is an IT, AI and training company founded in Kampala in 2025. It teaches Scratch, mBlock, Python, robotics and AI in partner schools, builds the Pearl Virtual Lab, and develops Pearl Schools, a school management system. Its trainers are Ugandan engineers and educators.



> We started Pearl Tech Hub to help young Ugandans build technology, not just use it. Every term we watch learners light up the first time a robot moves because of code they wrote. Then we visit schools a few kilometres away where that moment will never happen, not for lack of talent, but because there is no lab, no laptop, not even a desktop. Pearl Tech Foundation is our answer.
>
> The founders of Pearl Tech Hub

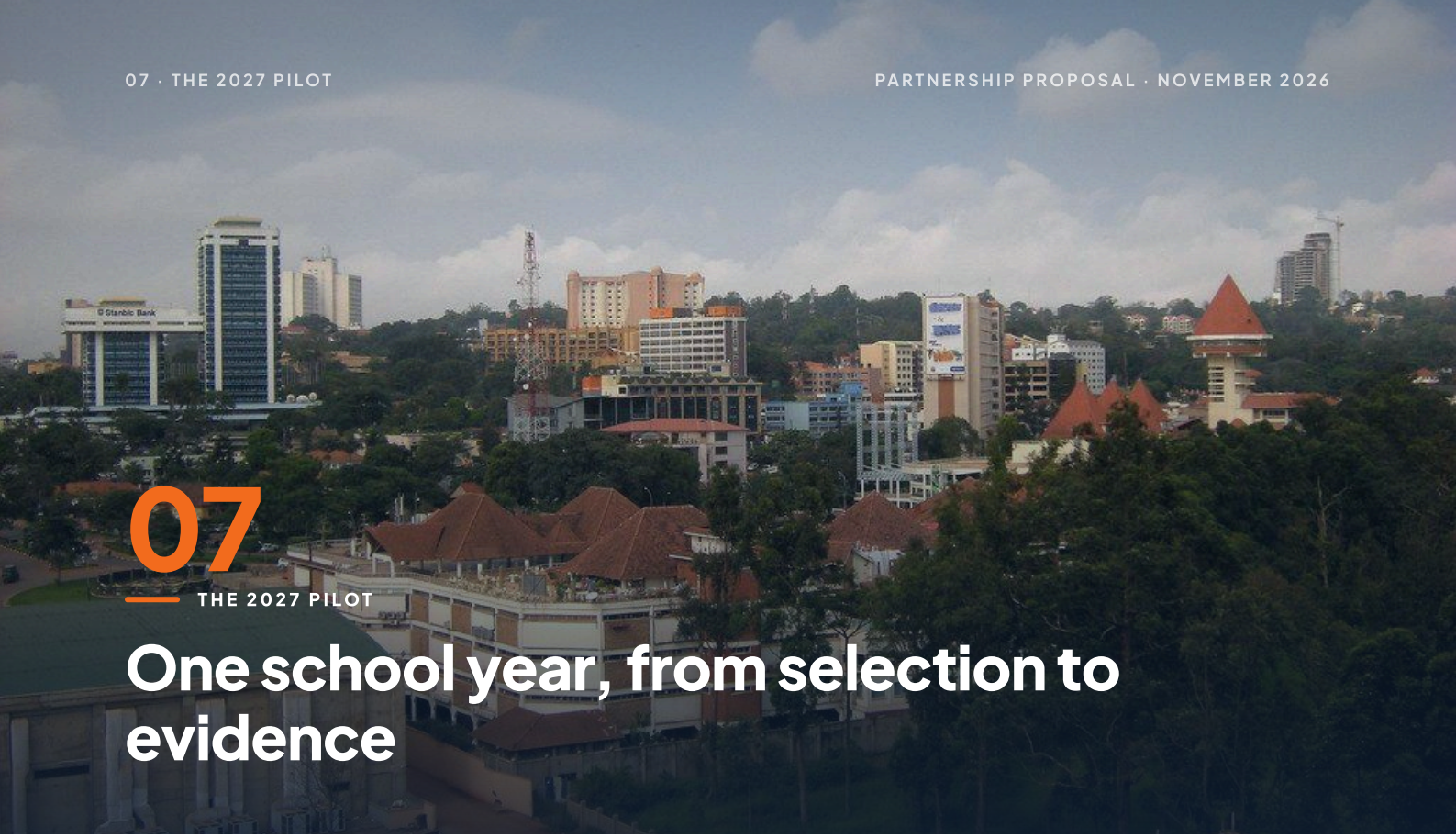
One family, one flame

Pearl Tech Hub
IT, AI and training company; delivers the programmes and builds the Virtual Lab

Pearl Schools
School management system for admissions, fees, results and communication

Pearl Tech Foundation
The charitable arm, bringing it all to remote schools

- Equity
- Excellence
- Transparency
- Partnership
- Sustainability
- Safeguarding



07

THE 2027 PILOT

One school year, from selection to evidence

Five schools, 1,000 learners and three terms in Kampala, Wakiso and Mukono, following the Ugandan school calendar. The pilot is designed to prove results, cost and delivery before we scale.

How schools are chosen

- No computer lab, and few or no laptops or desktops
- A committed timetable slot and a safe room
- One or two named teacher champions
- A signed agreement on equipment, safeguarding and data

5 schools

1,000 learners

50% girls

3 school terms

BEFORE TERM 1

Select and sign

Visit schools, sign agreements, name teacher champions, run baseline assessments.

TERM 1

Launch

Weekly sessions with Scratch and mBlock; the Virtual Lab in every school.

TERM 2 & HOLIDAY

Robotics and camp

Python and robotics; an Innovation Camp at the Naguru lab.

TERM 3

AI and showcase

AI projects, end-of-year assessment, a showcase for families and officials.

YEAR END

Report and plan

Audited account and public impact report; choose the next schools together.

Kampala

Schools without a computer lab in the capital, close to the Pearl Tech Hub lab in Naguru.

Wakiso

A fast-growing district around Kampala with many under-equipped schools.

Mukono

Rural and peri-urban schools to the east of the capital.

08 · BUDGET AND WAYS TO INVEST

What the 2027 pilot costs

Costs follow Pearl Tech Hub's published school-programme rates: **UGX 50,000 per primary learner** and **UGX 65,000 per secondary learner**, per term. A share of Pearl Tech Hub's paid-programme income goes towards these costs; partner grants close the gap.

Item	Basis	Estimate (UGX)
Sponsored Seats (training)	**1,000 learners × 3 terms × UGX 50,000 (primary) to 65,000 (secondary)**	**150,000,000 – 195,000,000**
Teacher Champions	One or two teachers per school, five schools	With school agreements
Equipment & Tech Kits	Laptops and robotics kits per school, or a rotating Tech Kit where there is no lab	After site visits
Innovation Camp	One holiday camp and robotics competition	On request
Administration, M&E, audit	At most 20% of the total; at least 80% spent on delivery	In final budget

The training figure is simple arithmetic from published rates. Equipment is quoted per school after a site visit, and a detailed line-item budget is shared before any agreement is signed.

Ways to invest

LEARNER

UGX 150,000–195,000

One primary or secondary learner for a full school year.

SCHOOL

UGX 30–39 million

About 200 learners in one partner school for a full year.

PILOT ANCHOR

UGX 150–195 million

The full training component of the 2027 pilot: five schools, 1,000 learners.

PEARL TECH KIT

Quoted on request

A portable, solar-powered lab carrying your name, rotating between schools.

INNOVATION CAMP

Quoted on request

A holiday camp and robotics competition for pilot learners.

MULTI-YEAR PARTNER

By agreement

Phases 2 and 3 (25, then 100 schools) and the first Community Solar Lab.

09 · MEASURING IMPACT

Targets we hold ourselves to

Every partner school is assessed at the start and end of each term, and the Virtual Lab's teacher dashboard tracks progress in between. Funders receive quarterly reports against these measures, and every target is public.





girls among participating learners



average attendance across the term



of funds spent directly on delivery



of schools with a certified teacher champion

Indicator	How it is measured	When
Learners reached	Enrolment by school, class level and gender	Each term
Skills gained	Baseline and end-of-year assessments; Virtual Lab completion data	Start and end of year
Attendance	Session attendance per learner	Weekly, reported termly
Girls' participation	Share of girls enrolled, attending and completing projects	Each term
Teacher capacity	Teacher champions certified; sessions led without a trainer	Each term
Use of funds	Share spent on delivery; cost per learner per term	Quarterly; audited yearly

These are targets for the 2027 pilot, not results already achieved. Progress will be published in the annual impact report.

Quarterly reports
Progress against every measure, from the first term.

Visit any time
Partners are welcome in schools and at the Naguru lab.

End-of-year showcase
Meet the learners and see what they built.

10 · ACCOUNTABILITY AND RISK

Trust is earned in the details

Independent oversight
Trustees from outside Pearl Tech Hub review how money is raised and spent, under a conflict-of-interest policy.

Transparent income share
The share of Pearl Tech Hub's programme income that goes to the Foundation is recorded every term.

Ring-fenced and audited
Every grant and income share is tracked apart from the Hub's business and audited each year.

Public reporting
Quarterly reports to funders, an annual impact report and audited accounts for every partner.

Safeguarding first
Vetted trainers, a child-protection policy, and photos only with written parental consent.

Learner data protected
Handled under Uganda's Data Protection and Privacy Act, 2019; Virtual Lab profiles stay on the school's computer.

Risks and how we manage them

Risk	Mitigation
No or unreliable electricity	Solar power banks in every Pearl Tech Kit; the Virtual Lab works offline once loaded; sessions timetabled in daylight.
Too few devices	Rotating Tech Kits; the Virtual Lab runs on low-specification PCs and phones; learners share a computer with their own profiles.
Teacher turnover	Two teacher champions per school where possible; certification stays with the school; trainers keep visiting.
Equipment loss or damage	Signed agreement on care of equipment; equipment register; termly inventory checks.
Funding gaps	Two income streams; ring-fenced funds; new schools added only when their funding is secured.
Low participation of girls	50% target; girls-only clubs; women role models; attendance tracked by gender.
Weaker results than expected	Baseline and end-of-year assessment; termly reviews; curriculum adjusted before Phase 2.

11 · ROADMAP

From five schools to a hundred

We start small to prove results, then grow with our partners into the hills and valleys where no laboratory has ever reached.

PHASE 1 · 2027
Pilot

5 schools
1,000 learners

Kampala, Wakiso and Mukono, with the Virtual Lab in every school.

PHASE 2 · 2028–29
Grow

25 schools
5,000 learners

Tech Kits rotating across districts; a certified teacher champion in every school.

PHASE 3 · 2030+
Scale

100 schools
20,000 learners

Beyond Central Uganda, the first Community Solar Lab, and the model embedded in public schools with government.

Phase 2 and 3 figures are targets that depend on the pilot's results and on partner funding.



Aligned with national and global priorities

Framework	How this work contributes
NDP IV (2025/26–2029/30)	Human capital development, including access, equity and quality of education at all levels.
Digital Transformation Roadmap 2023/24–2027/28	Digital skills and literacy, and STEM education to bridge the digital divide.
Competency-based curriculum (NCDC)	Practical digital and science skills; Virtual Lab content mapped to NCDC syllabuses.
SDGs 4, 5 and 9	Quality education; gender equality; industry, innovation and infrastructure.
African Union Agenda 2063	Africa's young people as the drivers of its technological future.

12 · PARTNER WITH US

There is a place for you in this vision

Every option funds the same thing: training, equipment and the Virtual Lab for learners in remote schools, with reporting you can rely on.

Partner	How you can partner	What you receive
Foundations & NGOs	Co-fund a district or cohort of schools; add a technology track to your programmes; joint grant applications.	A specialist STEM and AI delivery partner; shared monitoring frameworks; co-branding.
Development partners	Multi-year grants for Phases 2 and 3; the first Community Solar Lab; research on learning outcomes.	A results framework aligned with SDGs 4, 5 and 9; independent audits; a model built to hand over.
Companies & CSR	Sponsor a school for a year; a Pearl Tech Kit carrying your name; an Innovation Camp; staff mentoring.	Recognition at schools, events and in reports; consented stories and photos; early access to talent.
Government	Education grants; access to government-aided schools; NCDC content review; joint teacher training.	A tested model; outcome data per school and district; teacher champions in public schools.
Individuals	Sponsor a learner (UGX 50,000 a term primary, 65,000 secondary); mentor; introduce a funder.	A termly update on the school you support; an invitation to the end-of-term showcase.

Next steps

1

Talk to us
A call, or a visit to the Pearl Tech Hub lab in Naguru with a live Virtual Lab demonstration.

2

Choose
A learner, a school, a Tech Kit, a camp, or the pilot itself.

3

Agree and sign
A short agreement with the detailed budget and reporting schedule.

4

See the results
Quarterly reports from the first term, and an invitation to the end-of-year showcase.

Ready to talk? Email **info@pearltechhub.com** or call **+256 766 692 958**. We reply within two working days.

NOTES

Sources and photo credits

Sources

1 Uganda Bureau of Statistics, *National Population and Housing Census 2024, Final Report, Volume 1*.

2 UNICEF Uganda, "Uganda's digital education gap", 19 March 2026, reporting the nationwide digital readiness assessment of secondary schools by UNICEF, ASSHU and the Ministry of Education and Sports with the Mastercard Foundation.

3 National Planning Authority, *Fourth National Development Plan (NDP IV) 2025/26–2029/30*.

4 Ministry of ICT and National Guidance, *Digital Transformation Roadmap 2023/24–2027/28*.

5 National Curriculum Development Centre, lower secondary curriculum and NCDC syllabuses.

Photographs

Photographs are illustrative, come from free-licence collections (Wikimedia Commons and Openverse), and do not show Pearl Tech Foundation programmes or beneficiaries. Pearl Virtual Lab screenshots © Pearl Tech Hub.

Cover: "Teacher teaches computers", Nduati.githae, CC BY-SA 4.0.

Contents: "A student asking a question in a classroom 04", Kwameghana(Bright Kwame Ayisi), CC0.

Challenge: "School in Uganda (5348565315)", IICD from The Hague, The Netherlands, CC BY 2.0.

Challenge 2: "Students at Karima Boys High School try out the Wikipedia for schools", Stephen wanjau, CC BY-SA 3.0.

Solution: "Demo at Mukumu Girls high school Kakamega", Stephen wanjau, CC BY-SA 3.0.

Training: "Ann facilitating the Wikimedia Commons mobile photography training for Cohort 8 at KNLS, Buruburu June 2026", Yganyana, CC BY-SA 4.0.

Equipment: "Wiki In Classroom 2.0 Kano 08", Gwanki, CC0.

Seats: "My CorelDraw practical class with my school pupil in September, 2016", Chichriso, CC BY-SA 4.0.

Kit: "Kagugu Classroom (4844912130)", One Laptop per Child, CC BY 2.0.

Teachers: "SANSA Teachers Workshop", Nomkhosingc, CC BY-SA 4.0.

Girls: "Wiki In Classroom 2.0 Kano 12", Gwanki, CC0.

Camps: "Uganda Schools championships in Nabweru45", Samson Ssemakadde, CC0.

Solar: "SunFunder SolarNow Uganda Aerial Drone Photos 405 (18337194273)", USAID in Africa, Public domain.

Science: "Young and Upcoming Scientist 02", Mistaiyke, CC BY-SA 4.0.

Model: "Laying of bricks by pupils in Muteesa PS (5567265373)", SuSanA Secretariat, CC BY 2.0.

Pilot: "Kampala - vista parcial 1", Leandro's World Tour, CC BY 2.0.

Impact: "I and my computer science students in class", Agbor2017, CC BY-SA 4.0.

Roadmap: "Mixing of concrete by students (5567849572)", SuSanA Secretariat, CC BY 2.0.

Back: "Zambian kids learning how to use computers", Peace Corps, Public domain.

> Targets in this proposal are plans for the 2027 pilot and beyond, not results already achieved. Figures are in Uganda shillings.



JOIN US

Help us reach the first five schools.

Every learner who builds their first robot in a school that never had a computer is proof that talent was there all along.

EMAIL
info@pearltechhub.com

PHONE
+256 766 692 958

VISIT
Plot 6, Naguru 3A Vale Road, Kampala, Uganda

WEBSITE
pearltechfoundation.pearltechhub.com

UGX 150,000
sponsors a learner for a year

UGX 30–39M
sponsors a school for a year

A Tech Kit
brings a lab to schools with none

The pilot
reaches 1,000 learners in 2027

.pearl
tech foundation

Pearl Tech Foundation · a Pearl Tech Hub initiative
Technology education for every Ugandan school
November 2026