

Case Study



Building Cyber Resilience in Education through the CyberPeace Builders Program

Powered by Lucy Security

Helping Nonprofits Build a Secure Digital Future

Nonprofits are increasingly targeted by cybercriminals, yet most lack the resources and expertise to defend themselves. The CyberPeace Institute created the **CyberPeace Builders (CPB)** program to close that gap, connecting skilled cybersecurity professionals with nonprofit organizations that need help strengthening their defenses.

Through its partnership with **Lucy Security**, the program equips nonprofits with the ability to raise awareness, run phishing simulations, and train staff effectively. The combination of Lucy's powerful awareness platform and CPB's global volunteer network delivers measurable, lasting improvements in cybersecurity behavior.



The Challenge: Digital Exposure in Education

The **M-PESA Foundation Academy** in Kenya, a secondary school serving students from underprivileged backgrounds, had embraced technology for learning and administration. As digital adoption grew, so did the risks. Staff and students regularly handled sensitive data and used connected systems, yet cybersecurity awareness remained low.

The school faced the challenge of protecting its digital environment while continuing to provide accessible, high-quality education. It needed a solution that was affordable, easy to implement, and relevant to its context.

The Solution: Awareness and Simulation through Partnership

The CyberPeace Institute deployed a **CyberPeace Builder volunteer** to work directly with the M-PESA Foundation Academy's IT and teaching teams. Together, they used **Lucy Security's awareness training and phishing simulation platform** to identify vulnerabilities, train staff, and reinforce good digital habits.

The deployment focused on three phases:

1. **Baseline assessment** – Evaluate the organization's existing security culture and identify risks.

2. Awareness and training – Deliver engaging learning modules through Lucy Security’s intuitive platform.

3. Simulation and reinforcement – Conduct realistic phishing simulations to measure progress and sustain awareness.

This combination of technology and human engagement helped transform the organization’s approach to cybersecurity — from reactive response to proactive defense.

The Impact: Awareness that Lasts

After multiple campaign cycles, the Academy reported significant improvement in digital awareness. Staff demonstrated higher vigilance in identifying suspicious messages, and teachers began integrating basic cyber hygiene principles into their lessons.

The training fostered a shared sense of responsibility among participants. Cybersecurity became not just an IT concern, but part of the school’s overall culture of care and accountability.

Result

Over 100 staff members trained in cybersecurity awareness

Multiple phishing simulations completed with measurable reduction in risky clicks

Increased confidence among staff in recognizing and reporting threats

Integration of cybersecurity practices into daily operations and teaching

About the CyberPeace Institute

The CyberPeace Institute is an independent organization headquartered in Geneva that works to increase the cybersecurity resilience of vulnerable communities and nonprofit organizations through direct support, capacity building, and evidence-based advocacy.

“Running phishing simulations from start to finish has been both rewarding and challenging. Watching how individuals react, adapt, and become more vigilant over time highlights the tangible difference our efforts make for nonprofits.”

— CyberPeace Builder,
Insurance Company

“The CyberPeace Builders community has now used the phishing simulation feature from Lucy Security more than 85 times across our nonprofit partners. Volunteers love how intuitive it is, and nonprofits see instant, measurable improvements in awareness.”

— Zarc Okere,
CyberPeace Institute

Expanding the Model

The success of this collaboration demonstrates how technology partners and volunteer expertise can together reduce risk for mission-driven organizations. By leveraging Lucy Security’s adaptable platform, CyberPeace Builders enable nonprofits to access professional-grade awareness programs at no cost — empowering them to focus on their missions without compromising security.

This partnership continues to grow, extending to new regions and sectors, ensuring that more nonprofits can benefit from the same practical, sustainable approach to digital resilience.

About Lucy Security

Lucy Security provides customizable awareness training and phishing simulation platforms that help organizations build strong human firewalls and measurable resilience against cyber threats.

CPB in Numbers

**3,900+**

Hours of Volunteering

**70**Countries Engaged in
Nonprofit Collaboration**100%**Free for Nonprofits Thanks
to our Partners

Volunteer or learn more

 cpb.ngo