

Questions & Answers

Friends of Adaklu Digital Literacy Program

Updated November 2024

Q: What is Starlink?

A: Starlink is a satellite-based internet service developed by SpaceX, designed to provide high-speed, reliable internet access, especially in remote or underserved areas. It uses a network of low Earth orbit (LEO) satellites to deliver connectivity, offering download speeds between 70-250 Mbps and upload speeds of 10-30 Mbps. Starlink is ideal for communities, schools, and households without traditional broadband access, bridging the digital divide globally.

Q: How can Starlink be implemented in a rural community, and what are the costs and benefits?

A: Starlink offers two device options: the Standard Kit and the Mini Kit. Both provide fast internet, with download speeds of 70-250 Mbps and support for up to 235 devices, making it ideal for schools and communities. The Standard Kit costs \$400 + \$300 physical set-up fee, with an annual unlimited subscription of \$600 and optional setup and maintenance services for \$600. This totals \$1,900 annually but ensures reliable internet, local support, and knowledge transfer for long-term sustainability.

Q: Can Starlink equipment be moved if necessary?

A: Yes, all Starlink setups are movable. However, beyond a 50km distance, a different service plan may be required to maintain connectivity.

Q: What types of Starlink devices are available, and how do they differ?

A: Two types of devices are available:

1. **Standard Kit (AX Tri-Band Wi-Fi System):** The most common option for Ghanaian homes, suitable for stable installations within a single community.
2. **Mini Kit (AC Dual Band Wi-Fi System):** A smaller, more portable option with similar functionality, ideal for easier movement.

Q: How many devices can connect to a Starlink router at once?

A: Up to 235 devices can connect simultaneously to the standard Starlink router, depending on bandwidth demands.

Q: What internet speeds can Starlink provide?

A: Starlink typically delivers download speeds of 70-250 Mbps and upload speeds of 10-30 Mbps, depending on location.

Q: What are the monthly costs for Starlink services?

- **Standard package** (fixed within one community): ~\$50 (770 GHS).
- **Mobile package** (usable throughout Ghana): ~\$100 (1,600 GHS).
The \$50 package is recommended for communities since it's more cost-effective.

Q: Does Starlink offer after-sales support and maintenance?

A: Yes, institutions receive support through remote assistance, minimizing travel costs. Local engineers are trained to provide first-line maintenance, ensuring sustainability before Starlink's team steps in if needed.

Q: What is the cost breakdown for implementing Starlink in a community for one year?

- **Standard Kit:** \$400
- **Annual Subscription:** \$600
- **Setup, Installation, and Programming:** \$300
- **Annual Maintenance and Training:** \$600
- Total:** \$1,900

Note: While annual maintenance is optional, it is highly recommended to ensure proper system function and sustainability.

Q: How can I support FOA in acquiring Starlink?

A: You can support FOA in acquiring Starlink by contributing funds to cover the costs of the equipment, installation, and annual subscription. Donations are tax-deductible. For more information visit <https://goto.gg/67515> or email AdakluFriends@gmail.com.

General Questions - Digital Literacy Program

Q: How many students recently completed the Friends of Adaklu (FOA) basic computer lessons, and from which communities did they come?

A: A total of [89 students recently completed the FOA computer lessons](#), which ran from **July 8th, 2024 to October 11th, 2024**. The students came from the following communities:

- *Adaklu Dawanu: 20 students*
- *Adaklu Abuadi: 15 students*
- *Adaklu Kordiabe: 15 students*
- *Adaklu Goefe Primary: 15 students*
- *Adaklu Goefe JHS: 15 students*
- *Adaklu Helekpe: 9 students*



Q: How are the FOA computer lessons structured?

A: The FOA computer lessons typically run for **three months**, with each community or school attending **once a week**, completing a total of **13 sessions**. However, for the current group, many students traveled out of Adaklu during their previous vacation, causing them to fall behind. To ensure all students could catch up and complete the course, the period was extended to accommodate their needs.



Q: Were there any dropouts from the FOA computer lessons, and what were the reasons?

A: Yes, there were a total of **16 dropouts** from the six participating schools:

- ***Goefe Primary: 3***
- ***Goefe JHS: 6***
- ***Abuadi Basic: 4***

- **Kordiabe Basic:** 3
- **Helekpe Primary:** 2 (with one dropout replaced)
- **Dawanu:** 2 (Dawanu students were notably inconsistent. This community faces significantly more economic challenges than the other communities)

The reasons for dropping out include:

- Assisting parents after school with chores like fetching water and cooking, leaving no time for classes.*
- Relocating to different schools far from Adaklu during vacation.*
- Long, dusty walks to the learning center, worsened by muddy roads during rain.*
- Participation in football matches after school or on weekends, particularly among boys.*



Q: Who teaches the FOA computer education classes?

A: Kingsley Elorm Kwaku Leh is the dedicated teacher of FOA's computer education classes. A passionate volunteer with FOA for over a year, Kingsley's warm and inspiring presence is felt throughout the community. In addition to teaching computer training and coding courses, he actively participates in every FOA event and encourages students as they develop business skills and engage in arts and crafts training at Nunya Village.

Kingsley has a love for working with children, with unmatched patience and a genuine ability to listen and support their needs. He fosters their curiosity and creativity through thoughtful conversations, educational activities, and storytelling, creating a safe and nurturing environment for them to thrive.

Kingsley, who holds a degree in Basic Education, also serves as an elementary teacher at Adaklu Dawanu Salvation Army Basic School. Living in Adaklu Tsrefe in Ghana's Volta Region, he dedicates his time and energy to empowering young minds with essential computer and coding skills. His unwavering commitment to education and community development continues to inspire and transform lives.



Kingsley Elorm Kwaku Leh

Q: What is the curriculum for the basic computer classes?

FOA COMPUTER CLASS CURRICULUM

LEARNING AREAS:

1. INTRODUCTION TO COMPUTING
2. MS-WINDOWS INTERFACE
3. DESIGNING USING PAINT APPLICATION
4. WORD PROCESSING – MICROSOFT WORD

LEARNING AIMS

The computing curriculum is designed to help learners to:

- a. acquire the skill of using the mouse to perform various functions.
- b. acquire the skill of using the keyboard to perform various functions
- c. acquire Designing skill of Visualizing and drawing new objects from imagination.
- d. communicate effectively using ICT tools
- e. develop basic ethics and skills in using ICT tools such as Microsoft Word etc.

LESSONS

INTRODUCTION TO COMPUTING

- a. Identification of parts of a computer and technology tools (the mouse, keyboard, monitor, system unit, speakers), and peripherals. Group computer parts into Input devices and Output devices.
- b. Description of the mouse and its functions – clicking, double clicking & right clicking.
- c. Description the various groups of keys on the keyboard and their functions – spacebar, caps lock, enter, backspace, control, shift keys etc.

MS-WINDOWS INTERFACE

- a. Creating a folder on the desktop
- b. Renaming folder

- c. Moving, copying and pasting a file or icon into and from a folder on the desktop
- d. Recognizing how to customize the Desktop Background using Change Background, Start menu and Pin to taskbar or start menu.
- e. The use of the Recycle Bin or Trash Can
- f. Performing permanent delete or Empty Trash can and restoring files or icons in the recycle bin
- g. Explore the use of Copy, Paste, Delete tools, the moving of folders by using the Desktop Pop-Up menu

DESIGNING USING PAINT APPLICATION

- a. Drawing various shapes – flags, logos, shapes, etc
- b. Coloring drawings

WORD PROCESSING – MICROSOFT WORD

- a. Using the various Tabs of Microsoft Word Processing – Home, Insert, File menu, Layout
- b. Using the (clipboard, slides, fonts and paragraph) Ribbons of the Home Tab - Typing and formatting text – highlight a paragraph and format by changing (font type, font size, font color, bold, italic, copying, cutting, and pasting), numbering and bulleting points, and Undo and Redo features.
- c. Using the (insert picture, table, shapes and page number) Ribbons of the Insert Tab – insert pictures from desktop, tables, and shapes in a document and number pages of a document.
- d. Using the (New, Open, Save, Save As, Print and Close) Ribbons of the File menu Tab – start a new document, open an existing document, save a document, save document in different file name using “Save As” command, print and close a document in the File Menu Tab.
- e. Using page break, page size, page orientation (landscape or portrait) and number of columns on a page in the Layout Tab.



Q: *Does FOA offer other classes offered besides the basic computer class?*

A: *Yes! In addition to the basic computer class, Kingsley teaches a weekly coding class using the [Code Club](#) curriculum. We also offer a weekly advanced coding class virtually, taught by Matty. Additionally, we have*

held virtual Canva workshops, and some of our students have participated in the [Girls Who Code summer program](#).

Q: How can I view projects created by the students?

A. Visit the [FOA Student Activity Page](#)



Friends of Adaku (FOA) is a Ghanaian-registered, locally led NGO with all decisions and initiatives created and managed by the people of the Adaku district, ensuring community-driven development. Additionally, as a fully vetted partner of [Global Giving](#), FOA can accept tax-deductible donations through the [Global Giving](#) platform, ensuring transparency and accountability in all programs. For more information email AdakuFriends@gmail.com or visit <https://goto.gg/67515>



