

**Date:** January 13th, 2024

**Location:** Ndes Institute of Technology Hub, beside Chariot Hotel Muea

**Organized by:** Ndes Foundation in collaboration with Privida Company

**Contact:** info@nit-hub.com

**Report by:** Boma Miranda, Secretary, Ndes Foundation

For: Ndes Foundation/Ndes Institute of Technology Hub

**IT Course Facilitator:** Ma Nji Florence

**Objective:** Empowering Girls in IT

**Course Title:** INTRODUCTION TO COMPUTER COMPONENTS

**Lesson Topic:** Exploring Inside a Computer

**Lesson Objective:**

At the end of the lesson, each kid should be able to identify key internal components of a computer (motherboard, CPU, and RAM) and open a computer case to identify the components.

**Outline of What Was Taught**

**1. Internal Components of the Computer:**

- Motherboard
- Processor (CPU)
- Random Access Memory (RAM)
- Hard Drive

- Video Card
- Power Supply Unit
- Fan

## **2. Evaluation and Review of What Was Learned**

- The session included an assessment of each child's ability to identify and understand the internal components of a computer.
- Interactive discussions were held to reinforce the knowledge gained during the lesson.
- Questions were asked to test comprehension, and feedback was provided to enhance understanding.

## **General Overview**

The first class of 2024 at NDES Institute of Technology focused on empowering girls in IT through an introductory course on computer components. The collaboration between Ndes Foundation and Privida Company aimed to provide foundational knowledge to young minds.

## **Lesson Highlights**

Ma Nji Florence, the IT Course Facilitator, led an engaging session on exploring the inside of a computer. The lesson emphasized practical learning, encouraging students to open computer cases and identify key components. The targeted components included the motherboard, CPU, RAM, hard drive, video card, power supply unit, and fan.

- Students demonstrated a commendable understanding of internal computer components.
- Practical exercises facilitated hands-on learning, enhancing retention.
- The diverse range of components covered laid a strong foundation for future IT studies.

## **Next Steps**

- Building on this foundation, future lessons will go into more advanced topics in IT.
- Regular assessments and interactive sessions will be maintained to ensure continuous learning.

## **Ndes Foundation Staff Present**

- Course Facilitator: Ma Nji Florence
- Vice President: Miss Ruth
- Secretary: Boma Miranda – Left before closing time
- Volunteer: Belier



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