**REX CHRISTUS COLLEGE**

**LESSON PLAN FOR WEEK 1 ENDING 13TH SEPTEMBER, 2024**

**SUBJECT: COMPUTER STUDIES**

**TEACHER: CHUKWUEMEKA UCHECHI. P FIRST TERM**

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| **Theme** | **Overview of Computer System** |
| **Unit Topic** | **Computer System** |
| **Lesson Topic** | **Definition of Computer** |
| **Date** | **9th September to 13th September 2024** |
| **Time** | **8:40am – 10:00am** |
| **Duration** | **80 minutes** |
| **Class** | **SS 1 A, B, C and D** |
| **Number in class** | **A – 40 students, B – 40 students, C – 40 students** |
| **Average Age** | **13 years** |
| **Sex** | **Mixed** |
| **Period** | **2nd and 3rd period** |
| **Behavioural Objectives** | **At the end of the lesson, students should be able to;**   1. **Define a Computer.** 2. **List the components of the computer system.** 3. **Explain the hardware components of the computer system.** 4. **Explain internal components of the system unit** |
| **Instructional Resources** | **Laptops and Desktops** |

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| **STAGES/STEPS** | **TEACHER’S**  **ACTIVITIES** | **STUDENT’S**  **ACTIVITIES** | **MODE** |
| **PRESENTATION** | **The teacher presents the topic with the following steps:** |  |  |
| **STEP 1**  **(PRESENTATION OF PRIOR KNOWLEDGE)** | The students have used computer system. | The students take turns to explain how the computer works. | Individual |
| **STEP 2 (EXPLORATION)** | The teacher shows the students the desktop and laptop computers. | The students observe clearly to be able to classify them. | Entire class |
| **STEP 3 (DISCUSSION)** | The teacher discusses the lesson plans as below:  **DEFINITION OF COMPUTER**  A Computer is defined as an electronic device which under a stored program accepts input, processes the input, stores and generates the result (output).  **COMPONENTS OF A COMPUTER SYSTEM**  The computer system is made up of the following components:   1. Hardware 2. Software   **HARDWARE** is the physical component of the computer. It is described as the parts of the computer which can be touched, seen, and felt.  **SOFTWARE** is the program that helps the computer to perform a particular task.  **THE COMPUTER HARDWARE**  Computer hardware is the physical components that a computer system requires to function.  It encompasses everything with a circuit board that operates within a PC or laptop; including the motherboard, graphics card, CPU (Central Processing Unit), ventilation fans, webcam, power supply, and so on.  **COMPONENTS OF A COMPUTER HARDWARE**  The computer hardware can be divided into two, namely   1. The system unit 2. The peripherals.   **THE SYSTEM UNIT**  A system unit is the part of a computer that houses the primary devices that perform operations and produce results for complex calculations. It includes the motherboard, CPU, RAM and other components, as well as the case in which these devices are housed. This unit performs the majority of the functions that a computer is required to do.  **COMPONENTS OF THE SYSTEM UNIT**   * The motherboard * Hard disk drive * Floppy disk drive * Power Supply Unit * CD-ROM Drive * RAM * Computer Fan * CPU or Processor * Graphic/video card * ROM   **PERIPHERALS**  The Peripherals of a computer system are the devices connected externally to the computer system unit to expand its capabilities or improve its performance.  **Classification of computer hardware components**  Generally, the computer hardware components are **classified** as follows:   * Input * Output * Processing devices   Storage devices   * Power management devices * Computer casing |  | Entire class |
| **STEP 4 (APPLICATION)** | The teacher allows the students to mention the parts of the computers which can be felt, touched and seen (hardware).  The teacher also allows the students to identify the software of the computer system. | The students identify the hardware and the software of the computer system. | Individual |
| **STEP 5 (EVALUATION)** | The teacher accesses the students understanding with the following questions:   1. Define a computer. 2. List the two components of the computer system. 3. Explain the components of the computer system 4. Explain the hardware components of the computer system. 5. Explain three components of the system unit | The students respond to the teacher’s questions actively. | Individual |
| **CONCLUSION** | The teacher concludes the lesson by summarizing the topic and answers questions from the students. | The students listen to the summary of the topic and ask their respective questions, if any. | To consolidate the lesson learnt. |
| **ASSIGNMENT** | Draw the diagram of the internal components of the computer system. |  |  |