Lesson Notes on Peopleware

Subject: Computer Studies

Class: Primary Six

Topic: Peopleware

Introduction

A computer is made up of different parts that help it work. These parts include **hardware, software, and peopleware**. Peopleware is an important part of a computer system because, without people, computers cannot function on their own.

Definition of Peopleware

Peopleware refers to the people who use, operate, design, and maintain a computer system. These are the individuals who make sure that the hardware and software work properly.

Examples of Peopleware

The following are different types of people involved in using and managing computers:

1. Computer Users

- These are people who use computers to perform different tasks.
- Examples: **Students, teachers, office workers, gamers.**

2. Computer Programmers

- These are people who **write and develop software** for computers.
- They use programming languages like **Python, Java, and C++.**

3. System Analysts

- They **study computer systems** and suggest ways to improve them.
- They help businesses and organizations **use computers more effectively.**

4. Computer Engineers

- These are people who **design and build computer hardware.**
- They work on parts like the **CPU, motherboard, and memory.**

5. Network Administrators

- They **set up and manage computer networks.**
- They make sure that computers in schools, offices, and businesses **can communicate with each other.**

6. Computer Technicians

- These are people who **repair and maintain computers.**
- They fix **hardware problems** and install **software updates.**

Importance of Peopleware

1. **People operate computers** – Without people, computers cannot function.
2. **They create and develop software** – Programmers write programs that make computers useful.
3. **They repair and maintain computers** – Technicians fix computer problems.
4. **They design computer systems** – Engineers and analysts help improve computer technology.
5. **They ensure security and networking** – Administrators manage and protect computer networks.

Summary

- **Peopleware** refers to the **people who operate, design, and maintain computers.**
- Examples include **computer users, programmers, engineers, network administrators, system analysts, and technicians.**
- Peopleware is important because **computers cannot function without human input.**

Class Activity

1. What is peopleware?
2. Name three examples of peopleware.
3. What does a **computer programmer** do?
4. How does a **computer technician** help computers?
5. Why is peopleware important in a computer system?