

STRAND 1.0: FOUNDATION OF COMPUTER STUDIES

Sub Strand: 1.7 Computer Set Up

Specific Learning Outcomes

By the end of the sub strand, the learner should be able to:

- a) explain the types of ports and cables used in computers,
- b) relate cables to their corresponding ports in a computer,
- c) set up a computer for use,
- d) acknowledge the safety of self and others when setting up a computer.

Suggested Learning Experiences

The learner is guided to:

- search for information on different cables and ports used in computer systems,
- discuss the types of cables and ports used in computer systems,
- take turns to match ports to their corresponding cables,
- assemble tools needed in setting up a computer,
- discuss safety precautions in setting up a computer,
- connect cables to their corresponding ports in computers,
- connect all parts of a computer and use it to perform a task,
- develop print or digital content for use in sensitising community members on how to set up a computer,
- reuse computer parts that are in good working condition to set up computers,
- observe safety precautions when setting up a computer.

Suggested Key Inquiry Question(s)

1. How are computers interfaced with the external environment?
2. Why is it important to observe safety precautions when setting up computers?

Core Competencies to be Developed

Digital Literacy: The learner identifies and connects parts of a computer to perform a task.

Self-efficacy: The learner follows the correct procedure to connect parts of a computer and use it to perform a task.

Values

Integrity: The learner applies the laid down procedures when connecting parts of a computer and using them to perform a task.

Responsibility: The learner observes safety precautions when setting up computers.

Pertinent and Contemporary Issues (PCIs)

Socio-economic and Environmental Issues: The learner enhances waste management skills by reusing computer parts to set up a computer.

Suggested Assessment Rubric

Level	Exceeds expectations	Meets expectations	Approaches expectations	Below expectations
Indicator				
Ability to relate the principals of computer technology to their respective generations	Relates the principals of computer technology to their respective generations, citing examples.	Relates the principals of computer technology to their respective generations.	Relates some of the principals of computer technology to their respective generations.	Relates some of the principals of computer technology to their respective generations, with assistance.