



COMPUTER SYSTEM SERVICING G10
QUARTER 1–WEEK 3: Computer Peripheral Devices

Name of Learner: _____

Date: _____

Grade & Section: _____

Teacher: _____

MOST ESSENTIAL LEARNING COMPETENCY (MELC):

- Obtain materials necessary to complete the work in accordance with established procedures and check against system requirements. (TLE_IACSS9-12ICCS-Ia-e-28)

Objectives:

1. Define what is computer peripheral devices.
2. Identify the different peripheral devices.
3. Give the function of each peripheral devices.
4. Appreciate the role of peripheral devices in a computer system.



TEACH ME

Learning Task 1:

What are the inputs and outputs of a washing machine?

Input – dirty clothes, water, soap powder and electric

Output – dirty soapy water, clean clothes

How about the inputs and outputs of a refrigerator?

Input - _____

Output - _____

Learning Task 2:

A computer peripheral is any external device that provides input and output for the computer. Computer peripherals, or peripheral devices, are sometimes called "I/O devices" because they provide input and output for the computer.

Input Device - is composed of a device that accepts data and instructions from the user or from another computer system



1. **Keyboard** - It is used to enter data and instructions directly into the computer. There are 104 buttons on the keyboard which are called keys.



2. **Mouse** - is the most popular pointing device. It is a very famous cursor-control device having a small palm size box with a round ball at its base. It has two buttons called the left and the right button and a wheel is present between the buttons. A mouse can be used to control the position of the cursor on the screen, but it cannot be used to enter text into the computer.



3. **Microphone** – an input device that allows users to input audio into their computers.



4. **Digital Camera** – is an input device that takes pictures digitally. Images are stored as data on memory cards. It has an LCD screen that allows users to preview and review images.



5. **Scanner** – is an input device that reads an image and converts it into a digital file.



6. **Touchscreen** – is an input device that allows users to interact with a computer using their fingers.



7. **Barcode Reader** – also known as barcode scanner or point of sale (POS) scanner, is an input device capable of reading barcodes.



8. **Webcam** – is an input device connected to the computer and the internet that captures still picture or motion video.



9. **Biometric devices** – is an input device used to input biometric data into a computer. Here are the types of biometric devices: Face scanner, Hand scanner, Finger scanner, Voice scanner.



10. **Stylus** – is a pen-shaped input device used to write or draw on the screen of a graphic tablet or device. Initially it was just used for graphic tablets and PDAs, but now, it has become popular on mobile devices as a replacement for the user's fingers. It's used for more accurate navigation and to keep oils from user's fingers off the device screen.

Output Devices - devices which are used to display the results or information



LCD Monitor



CRT Monitor

1. **Monitor** - This is the most common output device connected with the computer to display the processed information. It looks like a TV and is also known as VDU (Visual Display Unit). Pictures are displayed by using a large number of very small dots on screen called pixels. The number of pixels that a monitor can show on its screen is referred to as the resolution of the screen.



2. **Printer** - it gives a printed output of the results that appears on the monitor screen. Printed output is also called Hard Copy output because unlike monitor, this output can be preserved even if the computer is switched off.



3. **Speakers** - these are used to listen to the music and sounds played by the computer. Normally they come in a pair and have different shapes and sizes.



4. **Projector** - is an output device that projects an image onto a large surface, such as a white screen or wall. It may be used as an alternative to a monitor or television when showing video or images to a large group of people.




5. **Smart Board** - A type of display screen that has a touch sensitive transparent panel covering the screen, which is similar to a touch screen.



LEARN MORE

Learning Task 3:

Directions: Name the following peripheral devices, tell if it is an input or output and give its function.

Picture	Name of Device	Input or Output	Function
			

Learning Task 4:

Directions: Give the inputs/outputs to the following activities.

Activity	Input	Output
Watching a television		
Opening a computer program		
Surfing the internet		
Playing Online Games		
Cooking Hot Cake		



EVALUATE NOW

SUMMATIVE ASSESSMENT:

A. WRITTEN TASK:

A. Identify what computer peripheral device is being described.

- _____ 1. It is an input device that reads an image and converts it into a digital file.
- _____ 2. It is also known as point of sale (POS) scanner, is an input device capable of reading barcodes.
- _____ 3. It is used to control the position of the cursor on the screen, but it cannot be used to enter text into the computer.
- _____ 4. It gives a printed output of the results that appears on the monitor screen.
- _____ 5. It is an input device that allows users to interact with a computer using their fingers.

B. Write TRUE if the statement is correct, otherwise write FALSE.

- _____ 6. Projector is a type of display screen that has a touch sensitive transparent panel covering the screen, which is similar to a touch screen.

- _____ 7. Biometric device is a pen-shaped input device used to write or draw on the screen of a graphic tablet or device.
- _____ 8. Webcam is an input device connected to the computer and the internet that captures still picture or motion video.
- _____ 9. Scanner is an input device that reads an image and converts it into a digital file.
- _____ 10. Speaker is an input device that allows users to input audio into their computers.

C. Name the following computer peripheral devices.

11.



12.



13.



14.



15.



B. PERFORMANCE TASK

Directions: Fill in the blocks. Draw or cut and paste pictures of input and output devices. Write their name and function.

Performance Rubrics			
Criteria	5 points	3 points	1 point
Correctness/ Accuracy	All tasks are done correctly	Almost all tasks are done correctly	Some of the tasks are done correctly
Completeness	Complete information	With 1-2 information missing	With 3-4 information missing
Attractiveness/ Neatness	Layout is highly attractive in terms of design, layout and neatness	Layout is attractive in terms of design, layout and neatness	Layout is appealing, although it may be a little messy
Time Management	Finish the task on the given time	Finish the task after the given time	Unable to finish the given task

Rating Scale: Points Earned	Numerical Rating	Descriptive Rating
16 - 20	91 – 100	Very Good
11 - 15	86 – 90	Good
6 - 10	81 – 85	Fair
1 - 5	75 - 80	Needs Improvement

References:

<https://techterms.com/definition/peripheral>

<https://teachcomputerscience.com/input-devices/>

<https://www.informationq.com/computer-input-and-output-devices/>

<https://techterms.com/definition/projector>