

## UNIT 4

### COMPUTING DEVICES

**Objectives:** at the end of the lesson, students will be able to:

1. utilize the target vocabulary in speech;
2. read for specific information;
3. improve writing skills;
4. collaborate in a group work.

**Lead-in.** Let's talk.

1. How do computers receive information from users?
2. What devices can you attach to computers?

### **Vocabulary Building**

#### **Key Terms**

**Input device** – hardware components that allow users to feed data or instructions into a computer system.

***Example:** The most common input devices are the keyboard, mouse, and touch screen. There are hundreds of other input devices, like microphones to capture sound waves, scanners to capture image data, and virtual reality devices to capture our body movements.*

**Peripheral** – is a device that can be connected to a computer.

***Example:** A computer peripheral, also known as a peripheral device, is an external device that connects to a computer to expand its capabilities.*

**Scroll wheel** – a mouse with a rubber or plastic wheel.

***Example:** A scroll wheel is a wheel used for scrolling.*

**USB** – (Universal Serial Bus) is a commonly used type of connection or port to connect peripherals to a computer.

***Example:** Universal serial bus (USB) is defined as a standard that mentions the specifications used by cables, ports, and protocols that enable simple and universally accepted connectivity between a host and peripheral device.*

**Touch screen** – a monitor that lets users interact with the computer by touching the screen.

***Example:** A touch screen is an electronic display screen that is also an input device.*

**Keyboard** – a set of buttons that is used to enter information into a computer.

**Example:** *A computer keyboard is an input device used to enter characters and functions into the computer system by pressing buttons, or keys.*

**Web** - a computer system that links documents and pictures into a database that is stored in computers in many different parts of the world and that people everywhere can use.

**Example:** *The World Wide Web is also known as the web, WWW or W3 -- refers to all the public websites or pages that users can access on their local computers*

**Activity:** Complete the puzzle using the clues with pairs or teams.

A small hand-held device that is moved across the mat surface to move the cursor on a computer screen						e
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A panel of keys that operate a computer or typewriter				b				
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A device with a screen on which words or pictures can be shown		o					
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A firm slotted board onto which computer circuitry is attached			t				o			
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It holds the instructions for computer programs			o					o	
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a program or instruction that makes a computer perform a specific task						a		
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a device that can be connected to a computer						e			l
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## Reading/ Writing

### Activity: Running Dictation



Here is an instruction for this game:

### BREAKOUT dictation rules

One of you is the **READER** and one is the **LISTENER/ WRITER**.  
The **READER** must **ONLY READ!** DO NOT share the screen or write the words!  
You need to dictate and complete **both reviews**.  
When you have finished, the **WRITER** should **take a photo** of your paper and send it to the WhatsApp group.  
You get 5 points for being the **quickest** team.  
You get 5 points for each **completely correct** review.  
You lose a point for each wrong **spelling, missing word** or wrong **punctuation**.

“Computing devices have become an integral part of our daily lives, allowing us to stay connected, informed, and productive. From desktop computers to laptops, tablets, and smartphones, these devices enable us to access a wealth of information and services with just a few clicks or taps of a screen. With advancements in technology, computing devices continue to evolve, becoming faster, more powerful, and increasingly compact. Whether for work, entertainment, communication, or managing our daily tasks, computing devices have revolutionized the way we live and interact with the world around us. Their versatility and convenience make them essential tools in our modern, digital age”.

## Speaking

**Activity:** Watch a video and in a group shoot a 2–3-minute video about computing devices.

<https://youtu.be/NegPD-f4B4A?si=QLuKedP7fiFZ1gq4>

### Concept Checking Quiz (CCQ)

**1. What is the primary function of a CPU (Central Processing Unit) in a computer?**

- A) Running the operating system
- B) Storing and retrieving data
- C) Performing calculations and executing instructions
- D) Displaying output on the monitor

**2. Which component of a computer is responsible for storing data permanently?**

- A) RAM (Random Access Memory)
- B) CPU (Central Processing Unit)
- C) Hard Drive (HDD) or Solid State Drive (SSD)
- D) GPU (Graphics Processing Unit)

**3. What type of memory is typically used for temporary data storage in a computer?**

- A) ROM (Read-Only Memory)
- B) SSD (Solid State Drive)
- C) RAM (Random Access Memory)
- D) HDD (Hard Disk Drive)

**4. What is the purpose of a motherboard in a computer?**

- A) To provide power to the computer components
- B) To manage the communication between different components
- C) To store program files and data
- D) To cool down the computer system

**5. What is an operating system?**

- A) The physical components of a computer
- B) Software that manages the computer's hardware and software resources
- C) A type of computer virus
- D) A component that connects external devices to the computer

**6. What is the role of a GPU (Graphics Processing Unit) in a computer?**

- A) Displaying graphics on the monitor
- B) Processing mathematical calculations
- C) Storing data permanently
- D) Managing the flow of data in the computer's memory

**7. What is the purpose of a cooling system in a computer?**

- A) To maintain the computer's temperature within safe limits
- B) To provide power to the computer components
- C) To display output on the monitor
- D) To store files and data

### **Home assignment**

Students may improve their videos made in class.