FREE PRINTABLE • GRADES 3–5

Input & Output Devices

Learn how a computer receives information and shows results.

Name: _____ **Date:** _____

INPUT → PROCESSING → OUTPUT

A simple way to understand how a computer works

INPUT	PROCESS	OUTPUT
Data goes into the computer	The CPU works with the data	The computer shows a result

What you will learn

- Identify common input devices.
- Recognise output devices and their jobs.
- Sort devices into the correct groups.
- Explain the difference between input and output.

REMEMBER

Input devices send data to a computer. Output devices present information from a computer.

ACTIVITY 1

Spot the Device

Write INPUT or OUTPUT beside each device.

Name: _____ **Date:** _____

Look at each device and choose its job

1. **Keyboard**
   Type letters, numbers and commands.
   INPUT / OUTPUT _____

2. **Mouse**
   Point, click and select items.
   INPUT / OUTPUT _____

3. **Scanner**
   Turn a paper picture into digital data.
   INPUT / OUTPUT _____

4. **Microphone**
   Send your voice into a computer.
   INPUT / OUTPUT _____

5. **Monitor**
   Show text, pictures and videos.
   INPUT / OUTPUT _____

6. **Printer**
   Put text and pictures onto paper.
   INPUT / OUTPUT _____

7. **Speakers**
   Play sound from a computer.
   INPUT / OUTPUT _____

8. **Projector**
   Display a computer image on a large screen.
   INPUT / OUTPUT _____

ACTIVITY 2

Sort & Match

Use what you know to complete both activities.

Name: _____ **Date:** _____

A. Sort the devices into the correct group

INPUT DEVICES	OUTPUT DEVICES
1. _____	1. _____
2. _____	2. _____

Device bank: Webcam • Headphones • Keyboard • Printer

B. Match each device to its function

1. Webcam	_____	A. Prints work on paper
2. Headphones	_____	B. Captures video
3. Printer	_____	C. Lets you hear sound privately
4. Keyboard	_____	D. Enters text

ACTIVITY 3

Think & Apply

Read carefully. Choose the best answer or write a short response.

Name: _____ **Date:** _____

A. Circle the correct answer

1. Which device is used to enter letters into a computer?

A. Monitor B. Keyboard C. Printer

2. Which device shows pictures from a computer?

A. Monitor B. Scanner C. Microphone

3. A microphone is mainly an:

A. Output device B. Storage device C. Input device

4. Which device makes a paper copy?

A. Mouse B. Printer C. Webcam

B. Short answers

5. What is an input device?

_____

6. Write one example of an output device.

_____

7. Why is a touchscreen sometimes both input and output?

_____

_____

BONUS CHALLENGE

You join an online class. Name one input device and one output device you might use.

TEACHER / PARENT COPY

Answer Key

Use this page to check the completed activities.

Activity 1 — Spot the Device

1. Keyboard — Input
2. Mouse — Input
3. Scanner — Input
4. Microphone — Input
5. Monitor — Output
6. Printer — Output
7. Speakers — Output
8. Projector — Output

Activity 2 — Sort & Match

A. Input: Webcam, Keyboard. Output: Headphones, Printer.

B. 1–B, 2–C, 3–A, 4–D.

Activity 3 — Think & Apply

1. B — Keyboard
2. A — Monitor
3. C — Input device
4. B — Printer
5. An input device sends data or instructions to a computer.
6. Examples: monitor, printer, speakers, projector or headphones.
7. A touchscreen displays information (output) and detects taps (input).

Bonus: Input — microphone or keyboard; Output — speakers or monitor.

TEACHING TIP

Some devices can perform both input and output. A touchscreen is a good example. Accept other correct examples.