

2. Output Devices


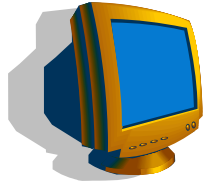


Task 1 – Output Devices

Copy Output devices are designed to pass information back to the user. The most common types of output devices are the screen and the printer.

Task 2 – Screens

The most common types of screen are the **Cathode Ray Tube** and the **Liquid Crystal Display**. Draw a table for these 2 screens and copy the correct descriptions from the box below (they are in matching pairs).

	
Needs a high voltage	CRT
Polarises light	Liquid crystal screen
Needs only a low voltage	A bulky monitor
A thin, light weight screen	Phosphorescent screen
LCD	Uses an electron beam

Task 3 – Other Output Devices

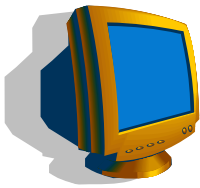

Copy the name of each device followed by the correct description

- | | |
|-----------------------|---|
| a. Modem | • Prints by spraying tiny ink drops on the paper. |
| b. Laser printer | • Creates charts and maps using coloured ink pens. |
| c. Inkjet printer | • A device that projects the monitor signal onto a large screen. |
| d. Dot matrix printer | • Links to the telephone system in order to communicate with other computers. |
| e. Plotter | • Old style printers which work by pushing a pin against a ribbon to form dots. |
| f. Photo typesetter | • An output that allows you to listen to music and effects. |
| g. Data projector | • Uses a laser beam to attract toner onto the paper when printing. |
| h. Speaker | • Produces high-resolution outputs for use by printers. |

2. Output Devices Answers



Task 2 – Screens

Cathode Ray Tube	Liquid Crystal Display
	
CRT	LCD
A bulky monitor	A thin, light weight screen
Needs a high voltage	Needs only a low voltage
Phosphorescent screen	Liquid crystal screen
Uses an electron beam	Polarises light

Task 3 – Other Output Devices

- a. Modem
 - Links to the telephone system in order to communicate with other computers.
- b. Laser printer
 - Uses a laser beam to attract toner onto the paper when printing.
- c. Inkjet printer
 - Prints by spraying tiny ink drops on the paper.
- d. Plotter
 - Creates charts and maps using coloured ink pens.
- e. Photo typesetter
 - Produces high-resolution outputs for use by printers.
- f. Data projector
 - A device that projects the monitor signal onto a large screen.
- g. Speaker
 - An output that allows you to listen to music and effects.

Discussion Question

An interactive whiteboard is an input device. It is generally used in conjunction with a data projector, which acts as the output.