

Name _____

WORKSHEET 4 - OUTPUT DEVICES




Make sure that you are familiar with all of the information detailed in this booklet. There are a number of tasks for you to carry out, be sure to read the information fully whilst completing the tasks. You could be asked about any of this in the test!

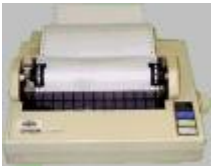


Use the theory notes in the worksheet 4 section of the teach-ict.com site to help you complete this booklet.

TASK 1: OUTPUT DEVICES

Output devices let you see data that is stored inside the computer. A monitor lets you see data on the screen, a printer produces a paper copy that you can hold and read.

You need to know about a selection of output devices for your test. Write a couple of sentences to describe the following manual input devices:

Output device	Description	Extra fact you found out
Monitor 	A monitor is the most commonly used output device. It allows you to see the document that you are working on. As you make changes to the document, the monitor automatically updates so that you can see your work.	
Laser printer 		
Ink-Jet printer 		

Dot-Matrix printer 		
Plotter 		
Speakers 		

TASK 2: FILL IN THE BLANKS

Copy the sentences below and complete the blanks using words from the list.
You should use each word only **once**.

LAPTOP	PIXELS	SIZES	SCREEN
INCH	OUTPUT	DOTS	EXPENSIVE

Monitors

These are the most common **OUTPUT** device. Sometimes they are called a **SCREEN** instead. All desktop computers have a separate monitor, but a **LAPTOP** computer will have a monitor which is attached by hinges.

Monitors come in different **SIZES** but the larger they are, the more **EXPENSIVE** they tend to be.

The picture on a monitor is made up of thousands of tiny coloured **DOTS** called **PIXELS**. The quality of a monitor depends on the number of pixels per **INCH**.

Printers

CARTRIDGES	DOT-MATRIX	CARBON	HARD
LASER	RIBBON	TONER	INK-JET

Printers are useful for creating a **HARD** copy of your work. There are three main types of printer:

- Laser printer
- Ink-jet printer
- Dot-matrix printer

LASER printers work much like a photocopier, powdered ink is fused onto paper by heat and pressure. They produce a very high quality output, are quiet and fast, although quite expensive to buy. They use **TONERS** rather than cartridges.

INK-JET printers are cheaper to buy, offering black and white or colour printing with reduced levels of quality and speed. The nozzles fire a jet of liquid ink through tiny holes, hence the name, 'ink-jet'. The ink is stored in **CARTRIDGES**.

DOT-MATRIX printers are not so common today. They are comparatively noisy and low quality but are cheap to run and ideal for **CARBON** copies. They work by using a set of steel pins which strike an inked **RIBBON** onto paper producing a sequence of dots.

TASK 3: CHOOSE THE MOST SUITABLE OUTPUT DEVICE

Which output device would you recommend for the following tasks:

Producing a large number of letters in high quality	LASER PRINTER
Producing very large sheets such as blueprints	PLOTTER
Producing wage slips with carbon copies	DOT-MATRIX PRINTER
Producing a small number of coloured leaflets	INK-JET PRINTER
Looking at changes that you are making to the document you have open	MONITOR
Listening to music with friends	SPEAKERS

END OF WORKSHEET