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# Input Devices Teach Ict

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IGCSE ICT - Manual Input Devices  
 WORKSHEET 3 - INPUT DEVICES  
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**CHAIM JONAS**

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**IGCSE ICT - Manual Input Devices** Input

Devices Teach IctAn input device is a piece of hardware that is used to enter data into a computer. There are many different kinds of input devices. They are split into two categories - manual input

devices and automatic input devices. You don't need to know a great deal about any particular one but you do need to be able to make suggestions as...Teach ICT - GCSE ICT - input devices8. Scanner. Scanners

can be used to convert images or text on paper into a digital format that can be used by the computer. A scanner works by shining a beam of light onto the surface of the object that you are scanning. This light is then reflected back onto a sensor that detects the colour of the light. Teach ICT - GCSE ICT - input devices Mouse Everyone is familiar with a computer mouse; along with the keyboard, it is one of the most common input devices you will use. A mouse is also called a 'pointing device' because it enables you to control what happens on the screen by moving the mouse on your desk and pointing, clicking and selecting items on the screen. Teach ICT - GCSE ICT - input devices Touch screen. A touch screen is the only device which works as both an input and an output device. You view the options available to you on the screen (output) and you then use your finger to touch the option that you have chosen (input). Touch screens work particularly well with a menu driven interface. Teach ICT - GCSE ICT - input devices Top quality Computer Science resources for KS3, KS4, KS5 Teach ICT - GCSE ICT - input devices 2. Keyboard. The keyboard is the most common and

widely used input device. It is made up of buttons called 'keys'. The keys are arranged into sections: Alphabet keys; Function or F keys (F1, F2, F3) Numeric keys (one set above the alphabet keys and a numeric keypad on the right) Arrow keys; Command keys (insert, delete, home, end, page up/down) Teach ICT - GCSE ICT - input devices Use the theory notes in the worksheet 3 section of the teach-ict.com site to help you complete this booklet. TASK 1: INPUT DEVICES. An input device is anything that is used to get data INTO the computer. For example, you can use a keyboard to type text which will then be stored in the computer. WORKSHEET 3 - INPUT DEVICES INPUT DEVICES Across 1. This reader can automatically input data from black and white stripes on the side of food packages 4. An input device useful for playing games 5. Abbreviation for the device that can input data from multiple choice tests 8. This input device is used for cashpoints, you can choose the options by selecting with your finger. 9. INPUT DEVICES - Teach-ICT.com 14. Optical Character Recognition (OCR) An OCR system consists of a normal scanner and

some special software. The scanner is used to scan text on a document or piece of paper into the computer. The OCR software then examines the page and changes the letters into a form that can be edited or processed by a normal word processing package. Teach ICT - GCSE ICT - input devices Revision Practice for Section 2: This section contains lots of files that will help you with your revision. The table to the right contains practice questions for this section and a range of mind maps which break the information down into small chunks. The links just below this text will take you to a range... IGCSE ICT - Input and Output Devices identify suitable uses of the input devices stating the advantages and disadvantages of each; identify the following output devices: monitors (CRT, TFT), printers (laser, ink jet and dot matrix), plotters, speakers, control devices (motors, buzzers, lights, heaters); IGCSE ICT - 2. Input and Output Devices | IGCSE ICT Part II - Input and Output devices After discussing with students what they had learned from the QR code hunt, explain to students about the different types of Input and Output devices and their purpose. Follow this up

by discussing how some devices can be used to assist with specific needs. Input / Output (Fun with QR codes) - teachwithict.com Use the theory notes on the teach-ict.com site to help you complete this booklet. TASK 1: INPUT DEVICES An input device is anything that is used to get data INTO the computer. For example, you can use a keyboard to type text which will then be stored in the computer. WORKSHEET 2 - INPUT DEVICES - Teach ICT - MAFIADOC.COM This pointing device is not moved about like a mouse, instead it has a large ball that the user spins. Data about which direction the ball is spun is passed to the computer. It can be used to control a GUI pointer. Tracker balls are often used by people with limited movement (disabled) or by the very young since they are easier to use than a mouse. IGCSE ICT - Input - Pointing Devices | IGCSE ICT The ICT Lounge : Section 2.1: Manual Input Devices : In this section we will look at how input devices can be used to get data into a computer system. In section 2.1 we will focus on manual input devices and then move onto direct input devices in section 2.2. IGCSE ICT - Manual Input Devices GCSE ICT revision - input

devices. Digital camera: These are used to take photographs like a normal camera but produce digital images instead of using film. GCSE ICT - Input devices Top quality Computer Science resources for KS3, KS4, KS5 Teach-ICT GCSE computing, Input Devices Modern credit cards and ID cards don't use a magnetic strip. Instead they have a tiny 'chip' of computer memory embedded inside them. (These cards are often referred to as smart cards.) Data can be stored in this memory and read back using a 'chip' reader. A card is inserted into the reader where metal contacts connect to the metal pads on the front face of the card. IGCSE ICT - Input - Card Readers | IGCSE ICT What is a mouse? A mouse is an input device that allows you to control the coordinates and movement of the onscreen cursor/pointer by simply moving the mouse across a flat surface with your hand.. Items can be selected or moved using the left mouse button, whilst the right button usually displays additional menus. Most mice are now optical which means they use a laser to detect and track ... Input Devices - Computer Science GCSE GURU OMR devices are used to read questionnaires, multiple choice

examination papers and many other types of forms where responses are registered in the form of lines or shaded areas. Advantages: Disadvantages: 1. Very fast way of inputting the 1. Input data may not be accurate if results of a survey/research.

8. Scanner. Scanners can be used to convert images or text on paper into a digital format that can be used by the computer. A scanner works by shining a beam of light onto the surface of the object that you are scanning. This light is then reflected back onto a sensor that detects the colour of the light.

### WORKSHEET 3 - INPUT DEVICES

The ICT Lounge : Section 2.1: Manual Input Devices : In this section we will look at how input devices can be used to get data into a computer system. In section 2.1 we will focus on manual input devices and then move onto direct input devices in section 2.2.

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### **Input Devices Teach Ict**

14. Optical Character Recognition (OCR)  
An OCR system consists of a normal scanner and some special software. The scanner is used to scan text on a document or piece of paper into the computer. The OCR software then examines the page and changes the letters into a form that can be edited or processed by a normal word processing package.

**Teach ICT - GCSE ICT - input devices**  
identify suitable uses of the input devices stating the advantages and disadvantages of each; identify the following output devices: monitors (CRT, TFT), printers

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Teach ICT - GCSE ICT - input devices

Touch screen. A touch screen is the only device which works as both an input and an output device. You view the options available to you on the screen (output) and you then use your finger to touch the option that you have chosen (input). Touch screens work particularly well with a menu driven interface.

*GCSE ICT - Input devices*

Mouse Everyone is familiar with a computer mouse; along with the keyboard, it is one of the most common input devices you will use. A mouse is also called a 'pointing device' because it enables you to control what happens on the screen by moving the mouse on your desk and pointing, clicking and selecting items on the screen.

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WORKSHEET 2 - INPUT DEVICES - Teach

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GCSE ICT revision - input devices. Digital camera: These are used to take photographs like a normal camera but produce digital images instead of using film.

**IGCSE ICT - Input and Output Devices**

2. Keyboard. The keyboard is the most

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*IGCSE ICT - 2. Input and Output Devices | IGCSE ICT*

Part II - Input and Output devices After discussing with students what they had learned from the QR code hunt, explain to students about the different types of Input

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