

100% Homework sheet

Computer Studies



Year 7 : How Computer Works?

Keywords

Input Device	An input device is any hardware device that sends data to a computer, allowing you to interact with and control it. For e.g. Keyboard, mouse etc.
Output Device	An output device is any peripheral that receives data from a computer, usually for display, projection, or physical reproduction. E.g. Screen, speaker, printer etc.
Central Processing Unit (CPU)	The CPU, Central Processing Unit (or simply processor) is the main chip in a computer responsible for carrying out all tasks. It's responsible for telling all the other components in a computer what to do, according to the instructions it is given by the programs (software) running on that computer.
Computer Components	A component of a computer is a basic physical element needed for functioning of a computer. For e.g. Keyboard, CPU, Memory unit, Monitors etc.
System Software	System software is a type of computer program that is designed to run a computer's hardware and application programs. The operating system is the best-known example of system software.
Application Software	Applications software is used to carry out tasks on a computer, such as writing an email, making a poster, doing homework and messaging friends. For e.g. Word, PowerPoint, Hotmail, Skype, Zoom, Spotify etc.

Computer Hardware & Software

Computer hardware is any physical device used in or with your machine. For example, the **computer** monitor you are using to read this text and the mouse you are using to navigate a web page are **computer hardware**.



Software is the programs that are run on **computer hardware**. There are two different types of software: **systems software and applications software**.



Inside a computer

