

What benefits are likely to result from an increasing use of computers? essay sam...

[Technology](#), [Computer](#)



A computer is a device that accepts information in the form of digitalized data and manipulates it for some result based on a program or sequence of instructions on how the data is to be processed . Modern computers inherently follow the ideas of the stored program laid out by John Von Neumann in 1945. Essentially, the program is read by the computer one instruction at a time, an operation is performed and the computer then reads in the next instruction. Nowadays , computers are devised in order to allow multiple programs to work on the same problem at the same time.

Computers in the workplace became a national level project in 1988 . The increasing use of computers helps to facilitate complex works but skilled or well- trained human workers are required . Due to modern technology such as nano technology, a quantum computer could solve problems in a few days that would take men millions of years. In the world of today, almost all jobs require the ability to use a computer. For example, computers are used in banks for controlling the receipt and withdrawal of money. Moreover , telemedicine which is one of the most evolving technologies in the healthcare delivery space, requires the aid of computers. Telemedicine enables ordinary doctors to do extraordinary things. Computers are used to communicate to other doctors. This helps in saving time and energy. Nowadays work can even be done at home using computers. For example, 21 million American work at home at least 2 or 3 days a week using computers and telecommunications technology.

The increasing use of computers in schools increases the motivation of students . This is because students enjoy getting information from screens

whether computers , television or video. Computer applications such as spreadsheets and database . It is important for secondary students to be computer literate so that when they graduate, they are well prepared for higher education and the world of work . There are also special adaptive hardware and software which help students who are physically impaired or academically challenged. Students can complete their works or projects in short time intervals.

Apart from the benefits , the disadvantages are as follows. For example, researches have found that students who is exposed to computers for a longer period may lag behind in learning. It is also found that students who used computers regularly lag behind in education as their performance declines.

The increasing use of computers has a profound impact on workers. For example, if more computers are introduced in a work, workers who are not skilled or well-trained may become unemployed. The use of computers in the workplace leads to greater efficiency and productivity and hence productivity per worker is decreasing. Computers make the process faster and more widespread than a worker. Businesses are downsizing and trend towards part-time and temporary jobs. Sometimes both parents have to work to maintain a middle-class lifestyle.

Nowadays, secret information cannot be stored in a computer since it may be found by hackers who are waiting to steal these information. Hackers can

also intercept our computer communications such as e-mails. Hence computers can only be used for work with no secret information.

Finally, it can be concluded that the increasing use of computers consists of both advantages and disadvantages. People who are computer literate will easily get a job and those who are illiterate might lose their jobs. Computers help us to save time and energy.