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Other Advantages and Disadvantages of Computer

ADVANTAGES

1. Computer as Learning Tool

Teachers, specifically from the field of technology use computer often as part of their teaching method and giving out instructions among students. Through this, the teacher does not only limit her or his self in teaching a certain course in a traditional way. She or he could give out more information and other visual aids to further elaborate and give deeper substance about the subject he or she is teaching. In this way, students are able to further learn about the subject. Other than that, the intricate device itself improves a student's learning since computer is effective tool for them. For example, they can look for topics from what was taught to them if ever they were not able to understand fully.

For both children and adults, in computer simulations they are able to access a vast information that are limited unlike what you could only get in libraries, newspaper and other physical references. One who wants to know about social science can just use the computer and go through the net. A person who wants to be chef can search recipes of a certain dish he or she wants to cook.

Experimenters from the beginning recognized the advantages computers might offer in medical education. Several medical schools have gained experience in such programs in automated instruction. Television images and graphic display combined with computer control and user interaction are effective for teaching problem solving. The National Board of Medical Examiners has developed patient-case simulation for examining clinical skills, and the National Library of Medicine has experimented with combining media. Advances from the field of artificial intelligence and the availability of increasingly powerful microcomputers at lower cost will aid further development. Computers will likely affect existing educational methods, adding new capabilities to laboratory exercises, to self-assessment and to continuing education.

2. Multi-tasking

"Doing multiple tasks at a time in a computer is called computer multitasking (CMT)".

Multitasking is evolved from multiprogramming and has an old history. In the 1960's computers were slow. Old computers cannot perform two tasks at a time. To perform one task we had to terminate other task running.

In modern operating systems (OS), we can do multiple tasks without terminating another task. Every program or task goes to main memory for processing. Each program gets an address in memory. Registers are also assigned to each process for storing information. One process cannot read or change address and registers of another process.

In multitasking, CPU time is shared between programs. Suppose there are three programs running on a computer. We name these programs as MS Word, browser, and calculator. Processor gives time to all three programs as long as they are running. At one time the processor executes one task and then switch to another task. The switching between tasks is so fast that the user cannot feel any issue in using programs.

3. Using computer as an entertainment

As technology advanced, computers became increasingly versatile in what they could do. With the creation of the Internet and faster processors, file sharing and entertainment became a popular use for personal computers everywhere. Computers have endless uses in the entertainment industry by directly marketing products to users.

The number of entertainment that a computer can offer first music. Computers now have almost unlimited access to any song by any artist. Many website services allow users to purchase individual tracks or albums directly to their computer.

Then second is television and movies. With the advancement of video card and Internet speeds, movies and streaming television are now at the click of a mouse button. Many website services offer free-to-stream movies with the cost of a monthly subscription fee.

Third is Art. Art is something that is readily available online at any moment. Pictures, paintings, poetry and more are just a click away. Popular browsers offer specific image search options to quickly browse through art with a single keyword.

Last is games. Computer games are a quickly growing market just like all other forms of video games. However, computer games offer a very wide array of possibilities. Computers have access to many peripheral devices such as keyboards, mouses, joysticks, controllers and more. Computer games also are highly customizable because computers can manipulate game files. Examples of this would be creating new levels, characters or graphic files for specific games.

DISADVANTAGES

1. Increased Loneliness

Social Isolation is on the increase, people are spending more time playing video games, learning how to use new modern technologies, using social networks and they neglect their real life. Technology has replaced our old way of interacting. Most people today, even if they are at a social gathering they do not bother talking to each other because they are busy with their own phones. If a user can easily interact with 100 friends online, they will feel no need to go out to make new friends which at a later stage can lead to loneliness.

2. **World Destruction/Advanced Weapons**

Modern technology has been the main aid in the increasing of endless wars. It aids the manufacturing of modern war weapons. So when these weapons get into the hands of criminals, they will use them for their selfish reasons. To add, these weapons often severely damage the natural earth, making some areas uninhabitable. If World War 3 occurs it is more destructive that previous World Wars because of Modern Technologies, such as drones and nukes.

3.Security

Thankfully advances in technology have aided security, however, due to these advances, everything is connected to the internet in some way. Our financial accounts, our photos, our cars, mobile phone, everything touches the internet at some time. Due to the network of worldwide devices and systems, many have fallen prey to an identity thief, hacked accounts by some mischievous hacker. The road to recovery from these types of attacks can be extremely long and painstaking.

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