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Merits and demerits of technology pdf

The modern class has taken several steps forward in its development of the learning environment over the past 25 years. Many of the benefits that we have seen in this environment are related to the introduction of new technology options for students. Instead of having a single computer for use in the classroom or a laboratory environment for the entire school in the same room, we can now help students study at their desk or desk with items given to them directly. Our development of the Internet since 1989 has helped us to incorporate more technological access to information in the modern classroom. If you grew up as an 80s kid, then you had an /V cart to come to your class to watch educational videos and maybe have a snack. Now students get to play interactive learning games, compete with other students, and their educational statistics are tracked in real-time data to know where their focus points should be. Introducing technology for students in the classroom can certainly help the educational environment, but it also requires equal access for all students to ensure that everyone gets the same opportunities for success. That is why every school district, teacher and parent should periodically review the pros and cons of technology in educational institutions. List of the advantages of technology in education 1. Technology helps children stay motivated during the learning process. Most students don't like going to school if they feel they're wasting their time. When there is technology allowed in the classroom, teachers are able to allow children to work at a pace that suits them best without bothering others. They can search for more information about the subject they learn about that day, play educational games that enhance the lesson, or work on cutting-edge material through a program like Seeearn. Because many of today's technological capabilities allow students to see how well they are doing compared to the average of all users, this gives them the opportunity to push harder for themselves and their education. Many of the programs that encourage learning also issue awards or awards certificates, which helps make lessons fun as well. 2. It encourages more communication between teachers and parents. When there is technology in the classroom, then there are more opportunities for parents and teachers to connect with each other. Using a blog for a class can help parents get to see what their kids are learning every day. Apps and software options allow teachers to instantly report a child's behavior so that parents know in real time what's going on during the day. There are options for chat boxes, instant messaging and other forms of communication as well. Let's not forget about mail here either. Since the 1990s, when this technology option came into the classroom, it has created a more in the exchange of messages between teachers and parents should be necessary to speak. 3. Technological options in the class are very accessible. While the cost of having technology in the classroom can be significant, if you introduce new options for the entire area, the cost of student computers, tablets and class essentials is minimal. Most student computers cost less than \$200 each, and there are several grants available locally, state and nationally to help offset these costs for local taxpayers. The Internet is the first technology after the printing press that could reduce the cost of a large education and thus make cost-benefit analysis much easier for most students, said John Katzman. This could allow American schools to serve twice as many students as they do now, and in a way that is efficient and cost-effective. 4. This creates new ways to learn for the modern student. There are three critical forms of intelligence that we see in children today: emotional, creative and educational. The traditional classroom environment, which usually encourages lecture-based lessons, focuses more on the latter option. Standardized tests and similar ranking tools do the same. When children have access to technology today, those who succeed outside the standard training setup can still reach their full potential. Technology allows children to take their curiosity in several ways. They can try new things without embarrassment because their technical access gives them a level of anonymity. This process allows children to work, through trial and error, if they want to see if another strategy helps them learn more effectively. Technology allows us to give students access to data from one place. Remember when a research project meant visiting a library so you could pull out 4-5 books to read, have access to an encyclopedia, and even a microfilm to view, so you had enough resources to finish your assignment? The technology allows the student to access every element needed for the project from a central resource. Instead of spending all this time searching for something specific or waiting for your library to order it, you can run a few queries on Google and find what you need. 6. This gives us better access to behavioral data about students. Various applications, software options, and technology platforms collect student data that can show attendance patterns, learning problems in specific subjects, and how they respond in specific situations. This information leads to the creation of a profile in which teachers, schools and parents work together to identify places where additional training may be required. Technology can even help the school district find its highly qualified students to continue to push them to work more difficult so that they continue to engage in the learning environment. 7. 7. helps prepare students for their future world. Even if there are warnings from health professionals about the amount of screen time that students receive in their classroom environment, the reality of the modern education system is that we need to have technology exposure now to prepare our children for the world they face as adults. This sector will continue to grow. If they are not ready to use these items today, then tomorrow there may be a fight for them. This means that some traditional subjects may not be as important for teaching in some schools or teachers. Is it much more important that a student learns to write italics or knows how to type without using a two-fingered chicken pecking method? Is coding a more important skill than learning to cook? Should children know how to put a chair together in a woodshop or be able to assemble their own computer? These are the questions we need to ask when looking at the pros and cons of technology in the classroom. The introduction of technology allows you to teach the necessary skills. While there are regions of extreme poverty and isolation that don't have Internet access in the United States right now, more than 90% of Americans have a home connection to Internet resources. By introducing technology to students from an early age, we can teach them the most important skills they need to succeed in the digital world. This is why writing continues to be a top priority in K-4 classes, formatting guidelines and using the software after, and knowing how to effectively explore fits as an important skill. Technology in the classroom encourages collaboration. Students retain very little of the information they receive when a teacher lectures from a textbook. When there are interactive lessons on a board or board, children can remember about 20% of what they were taught. If the teacher encourages discussion in a small group, this percentage can increase fourfold. Technology gives us an easy way to develop collaboration skills for students using online tools that encourage them to work together in safe ways. If children can practice what they are taught at once, there is very little that they will forget. It encourages students to participate in their studies. Children are bored very easily when they feel that they already know what is being taught in their classroom. Some children will turn into mentors or leaders in this situation to help their fellow students, but there are many others that are disconnected because they lack stimulation. By introducing technology into the classroom, there are fewer places where repetitive learning should take place. Teachers can introduce new subjects, try new methods or use different projects to encourage ongoing learning, which creates more general participation. 11. Teachers have more when they use technology in class. Teachers are sometimes hesitant to use technology in the classroom because they are unsure of what a student can have at home. Giving homework that requires access to a computer for a student without this technology at home would be a waste of time. There may also be a pushback from parents who are uncomfortable giving their children extra screen time for learning. When you can enter these elements in the classroom and have children study there, then you can overcome the socioeconomic barriers that sometimes exist for low-income families. List of technology flaws in education 1. The availability of technology can distract students. When children play video games, they may find themselves reacting with addiction as behavior. Their focus is on the entertainment they get more than anything else in the world. If the educational environment uses reward-based games to encourage learning, then the child may be more concerned about what they are getting through the software or app than what they are learning. While correct answers may be evidence of knowledge, there may not be as much storage of information as expected. Teachers should set and enforce healthy boundaries when using technology in the classroom to ensure healthy outcomes. 2. Technology can make it easier to cheat. Remember TV shows and movies where kids break into a teacher's class, steal a key to a test, and then write everything on your wrist, shoe or piece of paper? Now the student can send himself a text with this information. They can send this data to anyone else with the phone. Email can convey this information too. There should also be strict rules in the use of technology during quizzes or tests when accurately measuring students' knowledge is needed to assess their overall progress. 3. The use of technology can lead to the disconnection of some students from the class. Interacting online with other people is a different experience than sharing the Internet with someone else. Being behind the screen provides you with a layer of anonymity that you don't get a face-to-face conversation. Learning to work with each other using technology is an important skill, but it may not be another option that teachers present in their classroom. We need to encourage social interactions that accurately communicate thoughts, feelings or emotions, so that when a child is offline, they can still make a better life for themselves. Some students may not know the difference between reliable and unreliable resources. There is a lot of information on the internet today that is fake or exaggerated in some way, but it is masked as real. According to research published by New York Magazine, less than 60% of web traffic today is actually human on Search or content Up to half of the traffic on YouTube each year are bots that masquerade as people. Not only is the content sometimes fake, but then users may not be real either. Teachers should show students how to access real information, show them how to verify its authenticity, and then encourage them to use it appropriately. Technology is a resource that not all families can afford. Whether it's technology in the classroom or at home, there's a question of affordability to worry about in today's world. Some households cannot afford to buy computers for their children to manage their schoolwork. There are school districts that don't have enough money to pay a salary each year, much less add new technological components to learning. When we stress having technology in class, then we put those at the lowest end of the pay scale at a significant disadvantage. Students with greater access can learn more and have access to lessons more often, which means they have additional impact information that can increase their ability to succeed. Some technologies may replace teachers in some classrooms. Interactive learning lessons are so effective today that a software or app can become a teacher instead of having someone present to help a student. One of the best examples of this potential disadvantage is ABC Mouse, which provides clear instructions for students as young as 3 years old so they can start learning when they are ready. Instead of being in a practical role, technology makes teachers more observable. New technologies are automating learning to adapt to the changing needs of students. 7. There are privacy issues to consider with technology in the classroom. More than 15 million people experience identity theft in some way each year. It's a criminal empire that costs the economy more than \$16 billion a year. More than \$100 billion in losses have been caused by this problem since 2011. One of the reasons why it is becoming more common is because more people have greater access to technology today. When we introduce technology into the classroom, we will jeopardize the identity of our children every day. Even when apps, computers, mobile devices, and operating systems have advanced privacy filters that reduce the threat of loss of identification, there is no way to guarantee that all risks will disappear if the hardware never goes online. If we take this step, then we will end up losing many of the benefits of having technology in the classroom in the first place. 8. Technology in the classroom can create medical for some children. Eye strain occurs when you look at the computer screen for too long. Symptoms of this issue include back pain, eye pain, neck pain, fatigue, blurred vision, and problems with focus. Continuous intensive computer use can lead to problems with early myopia, with a prevalence of more than 60% for over the age of 12. For some people, the impact of this health problem is cumulative, which means that the time they spend in front of the phone, tablet and TV can contribute to eye health problems as well. 9. Children often lose track of time when using technology in the classroom. While children can adapt to a changing environment without much thought, their perception of normal is often determined by what they experience in the classroom. Teachers and schools have as much, if not more time with their children, than their parents during the day, which means that the class becomes an influential part of life for each student. Encouraging the use of technology can help create more learning opportunities, but it can also lead to a lifestyle that is more sedentary. When children sit too long during the day, they face the same health problems as adults when they do not get enough exercise. There may be problems with obesity, hyperactivity, muscle fatigue, sleep problems, and metabolic issues with prolonged sitting. This is why any school that introduces technology in the classroom should also encourage at least 30 minutes of moderate physical activity whenever possible. In many classes, restrictions on access to technology. Because of the perception that schools have potential flaws that technology can cause in the classroom, there are restrictions on the use of subjects under the guise of protecting children. While firewalls and site blockers can prevent the most dangerous content from reaching children's eyes, it is not uncommon to see this issue go one step further by limiting the computer's work to word processing and basic research. Students come home with assignments to use the technology themselves, in the library, or through a credit program to place this responsibility on the parents instead. If we give children restrictions instead of teaching them how to make wise choices, does that really give them a learning environment? Technology can create an addiction for the recall of information. If you can't remember some of the information instantly, then what is your next step to find the answer? Most people would say that they would search the internet for the data they want or ask a virtual assistant like Alexa to give them an answer. Having access to a treasure trove of resources is wonderful, but it can also create dependency because of its presence. If we don't teach students how to remember information on their own without using a smart device or computer, then the next generation of students may be unable to function if there is technology for them to gain access. Verdict on the pros and cons of technology in the classroom These pros and cons of technology in the classroom show that students and can be more effective in its role with its presence. Although there may be different levels of Depending on the amount of exposure each person has on computers, electronic boards and other items, the introduction of new technologies is an investment that can offer current dividends. There are times when technology can provide a new experience for a student. Teachers can use apps and software to reach children, which can usually disconnect from the classroom. Technology in the classroom opens more doors, opens up new experiences and creates more opportunities for self-discovery. The positive aspects that arise when schools are integrated tend to outweigh any problems the district may face. The author of the biography Keith Miller has more than 25 years of experience as a CEO and serial entrepreneur. As an entrepreneur, he founded several multimillion-dollar companies. As a writer, China's work has been mentioned in the journal CIO, Workable, BizTech and The Charlotte Observer. If you have any questions about the content of this blog, then please send our content editing team a message here. --- --- merits and demerits of technology essay. merits and demerits of technology in education. merits and demerits of technology transfer. merits and demerits of technology pdf. merits and demerits of technology in points. merits and demerits of technology in business. merits and demerits of technology in hindi. merits and demerits of technology in human life

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