Education And Modern Technologies
(Their Positive And Negative Impact)

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Abstract

The rote technique of learning is no long used in education. Slowly but gradually, there's been a shift in the educational landscape. Allowing students to study at their own pace and in their own way is indeed the future of education. However, the use of technology enhances as well as speeds up the learning process, making differentiated instruction possible. There is no escape the impact technology on a child's education, even if it has been perceived as a detriment. As a consequence, we should just accept this and find a compromise in our usage of it. We know that technology is addicting, but we can make this reality operate in our favour by assuring that the child is utilising technology to learn new skills and broaden his horizons. Treat tech as though it were a device: Perceptions about change the direction if it is seen as a tool in education. The environment of the classroom must naturally include technology. A child's reliance on technology is inevitable since millennials were born with a gadget in or near their bodies. They see technology as a normal part of life. They just know how to utilise their gear. Rather, we are the ones who believe technology is addicted as well as enslaving people. Because millennials have never known a world without internet, the best strategy is to encourage them to make use of it instead of attempting to stop them.
Keywords:*Technique, Education, Screen time, Mental health, Physical health.*

Introduction

Our pupils' social skills are being lost as a result of technology as they become more and more socially isolated.People are prone to becoming technologically dependent, which leads to an increase in their use.They lose their ability to connect properly as well as communicate effectively in real life as a result of such extensive usage, which is really concerning.Distractions from technology are also common.Even though students are fully aware that technology is indeed an excellent as well as open source of learning for them, the majority of them use it in a negative way as they get more acquainted with it. Instead of learning something new, people strive to get their hands on the bogus information that can be found online.They are distracted and hindered in their ability to study because the ease with which they may get erroneous and improper information.As a result, whenever it

comes time to give over technology to minors, teachers and parents must take caution.Students can only reach its full potential if they are constantly monitored and held to high standards.

Literature Review

Johnson (2000)It was shown that kids' NAEP reading scores improved the quality of computer-based training inside the class. Reading scores did not improve as a result of computer-aided training. In-class computers teaching at least once a week did not lead to greater NAEP literacy results for kids who got less or no instruction at all from their teachers. According to Johnson, spending a large amount of money on technological initiatives lowered the resources available for other education programmes and materials.

Gulek and Demirtas (2005) A California middle school's Harvest Park Laptop Immersion Program was studied. Researchers looked examined students' GPAs and CAPT scores in English/language arts, writing, and math. Before the start of the programme, pupils were compared with a control of kids with comparable academic achievements. Students that participated in the programme did better on tests and in class than those in the control group, according to the results of the research. Teachers volunteered to participate in the programme, therefore kids also weren't allocated to treatment or control groups. Differences in student achievement after implementation of the programme may thus have indeed been driven by variations on teacher qualities who opted to take participate in it.

Stevenson (1998) The long-term impacts of the Beaufort County School District's Laptop Notebook Project in South Carolina were examined by assessing seventh grade students' Metropolitan Assessment Test aggregate basic battery (reading, language, and math) results. He found that In compared with the control kids, the 95 % confidence interval of the programme students was maintained.The rate of decline has been significant in this time span. Students who received free or reduced-cost meals seemed to most from the project's results. The next year, they were earning at the same level as kids in the control group who did not get free or discounted meals

Mann, Shakeshaft, Becker, and Kottkamp (1999) The study examined the impact on West Virginia's Basic Skills/ Computer Education (BS/CE) curriculum on 5th students in 18 primary schools.. In their study, researchers found that pupils who had access to computers in their

classes performed better on the test. Comparing students who used lab equipment for SAT-9 subtests in reading, language arts, and mathematics performed better. In fact, it indicated that order to provide students with in-class access to computers benefited the most disadvantaged students. Students in the BS program who do not have access to a computer at home but instead were allowed to use one in their classroom/total fundamental skills, total language, linguistic expression, and overall test score gains were the greatest in the CE program totality, comprehension, and vocabulary.

Education With The Use of Modern Technology

A new study has found that students' learning and interactivity are increasing as they utilize current technology and the newest viewpoints on how modern students choose to use technologies and the influence have on their learning. As a result of the aid of technology, they find it more exciting and interesting. The process of exchanging data is straightforward and efficient. As a result of the usage of modern technologies, our brains now appear to function more effectively in any area of our lives. We're talking about schools here. It's impossible to resist this reliance but instead dependence on technology, which makes life an easy, smooth trip, at public classrooms, institutions, and colleges. In the future, students will use technology in these ways: Access to the Internet at all hours of the day and night.The value of the internet has soared by many orders of magnitude in the last year. Its educational significance can no longer be questioned. Children are fortunate to have internet access, despite the risk of theft and other drawbacks. Our daily lives are increasingly intertwined with the internet. From our tv sets to gaming consoles to our mobile phones, we can access the internet just about everywhere. As a result of using the internet, students may discover a good deal of comfort and aid, as well as seminars and other support material that can help them improve student performance.(Keser, H. & Ozdamli, F, 2011)

Using Visual Aids as well as Projectors

Although words may be more powerful than visuals, they still have a strong Using Visual Aids as well as Projectors.Although words may be more powerful than visuals, they still have a strong attraction Projectors as well as visual aids are another excellent way to put technology to good use in the school. Top colleges throughout the globe today depend upon dazzling Powerpoint slides and projections to keep studying interesting and fascinating. Projectors at schools and universities, for example, may increase students' degree of involvement and interest, as well as their motivation level. For pupils, images and anything that makes them think is much more appealing than just reading text. It's also a lot easier for individuals to study when they use technology.(Tutkun, 2011)

Educators' Use of the Internet

It's no secret that digital technology is becoming more commonplace in educational settings. There's been an increase in the number of students and forums that are open all around clock to assist with coursework and other tasks. There are and will be much more apps to help pupils grow and learn as the role of digital expands.(Hayhoe, 1996)

Technology is being used to create online degrees.

The use of online certificates is currently very common. Many people are getting their education and certification demands fulfilled by taking online courses. Onlprogramsmmes from the world's best schools may be found via a variety of apps and the web. A trend like this will continue to spread if it receives more financing as well as awareness. Students who work full-time and want flexible study schedules are much more likely to enroll in online courses throughout the globe.(Hayhoe, 1996)

Technology's Role in the Education Process

With regard to education, all four primary roles of technologies are as follows: curriculum, instruction delivery, instructional assistance, and overall learning continuous improvements. Technology has transformed education from passive as well as reactive to interactive and aggressive. The importance of education both in the workplace and academia is undeniable. In the first case, employees are given training or preparation to assist themtoperform better than they before had. Students are encouraged to develop an interest in the subject via education. In any instance, students will benefit from using technology in improving their comprehension and retention of topics.(Brill, J. M & Galloway, C, 2005)

Factors Impacting Technology in Education

Teachers confront an enormous challenge in today's culture because of the fast increase of awareness.It is possible for educators to learn how to incorporate new technologies into their teaching practices thanks to new technologies. As a consequence of these new advancements, pupils will require more education. Teacher attitudes toward computers are important to the achievement of ICT in education as well as visual aids are another excellent way to put technology to good use in the school. Top colleges throughout the globe today depend upon dazzling Powerpoint slides and projections to keep studying interesting and fascinating. Projectors at schools and universities, for example, may increase students' degree of involvement and interest, as well as their motivation level. For pupils, images and anything that makes them think are much more appealing than just reading text. It's also a lot easier for individuals to study when they use technology.(Garthwait, A & Weller, H.G, 2005)

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ICT's Impact on the Education System

ICT has the potential to expand educational opportunities and enhance educational value and efficiency. Students and teachers both benefit from ICT's ability to facilitate the attraction.Active learning: all ICT resources are digitized and easily accessible for study in order to aid in the measurement and review of knowledge gained for evaluation and even the outcomes reporting of students. Active learning. Instead of rote or memorizing learning, ICT promotes student involvement by allowing students to select and select what they want to study at their own pace and work on actual issues.(Garthwait, A & Weller, H.G, 2005)

Cooperative learning: ICT teaches employees to work together, no matter how far apart they may be physically. Furthermore, it provides students with the chance to work with individuals

from a wide range of backgrounds and cultures, allowing them to develop their communications and global awareness skills while doing so. Researchers have found that the use of ICT usually leads to more cooperation between learners within and outside of school, and there is a more interactive relationship between learners and teachers .A concept of communication and personal lifestyle where people are accountable for their activities, including learning and respecting the talents and contributions of their peers.For creative learning, ICT allows students modify existing material and build their own knowledge so that they may create a concrete product or achieve academic goals.An integrated approach to learning and teaching is encouraged by reducing the synthetic distinction between principles and application that is present in the regular classroom.(Iserhagen, 1999)

Student-centered use of ICT for learning provides valuable feedback to students via various interactive features. Instead than depending on memory and rote learning, ICT encourages the students to explore with innovative ways of teaching and learning which are based on constructive learning theories.(Hollister-Davis, 1997)

Conclusion

Both good and negative effects of technology can be attributed to education.Instructors and learners will use this to their advantage and eliminate the obstacles that prevent many students and schools form attaining success.Because of this, every nation will need a more technologically advanced educational system going forward.Technology is ubiquitous in schools, and it is expected to displace many conventional methods in the near future.In both good and bad ways, technology affects student success.Students' desire to work in the classroom may be influenced by a variety of variables (calculators, computers, software, etc.).Technology may help kids understand, but it can also be a crutch that prevents them from understanding the most fundamental abilities.The primary goal of the education systems would be to cultivate a lifelong love of learning in all pupils.The use of technologies may be a way to accomplish this goal.During the Handling Systems of Equations course, students in an inner-city eighth-grade calculus class utilised the graphing calculator to boost their performance and motivation.Students are usually introduced to the lesson using pencils, rulers, and graphing paper.

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