**Unraveling the Impact of Digital Technology on Education: Challenging Notions of 'Digital Natives' and Generational Technology Use**

By:

Dated:

**Introduction**

Штепура, А. (2018). The Impact of Digital Technology on digital natives’ learning: American Outlook. Comparative Professional Pedagogy. <https://doi.org/10.2478/rpp-2018-0029>

The widespread adoption of digital technology has achieved a significant change in the experience of learning, modifying the elements of social connections and data trade, particularly for the young who are skilled at utilizing these devices. The development of technological abilities and the improvement of social interactions both greatly benefit from the use of cutting-edge communication tools. Additionally, advanced specialized devices engage people to participate in intensive self-directed learning, permitting them to investigate subjects lined up with their particular advantages. Digital technology has benefits that go beyond just making learning easier: They include encouraging creativity, entrepreneurial abilities, and a proactive approach to life. Youths and youthful students influence advancements like sound, video accounts, and different games as vehicles for self-articulation. The expansive effect of digital technologies incorporates instructive improvements as well as the advancement of innovativeness, business venture, and activism among students (Штепура, 2018). The role of digital technology for delivering quality education cannot be neglected and denied.

**Discussion**

These days, students have significantly more say in how they learn. That implies they can learn at their own speed and in their own specific manner. Not every person learns the same way. Certain individuals get things rapidly, while others need additional time. In an ordinary classroom, the teacher explains stuff and answers questions, but they can only do so much. In some cases, students could have questions that don't get responded to. Also, a few students could think the educator is going excessively quick. It's extreme for an instructor to focus on every student. For a long time, schools and universities have been utilizing the same traditional way of teaching. You could have seen one educator conversing with a bunch of fifty students at the same time. In a traditional education approach, students have to take notes, understand the stuff and grab the ideas simultaneously which makes it a cumbersome task. Yet, it's difficult to discern whether those students truly get what's being said or on the other hand assuming they're even focusing. This approach to teaching, with the traditional grounds, isn't exactly that great nowadays. These days, students have cool innovations that help them learn and recall stuff way better. In this way, it's no time like the present schools roll out certain improvements to how they educate (McNulty, 2021). One remarkable choice is learning online by relying on the usage of technology, which is additionally called eLearning. Individuals have a lot of debate about whether learning based on digital technology usage is superior to the traditionally ways of education. Obviously, the use of digital technology for education is attempting to fix the issues of the former approach to learning and furthermore give some additional great stuff. It's like attempting to improve things and furthermore adding some extra elements (pacific-college.edu, 2022). Education based on the usage of digital technology is more suitable approach than the traditional education means.

Technology-enhanced learning has been linked to lower grades in numerous studies. As a matter of fact, a new investigation discovered that secondary school students who took online courses got lower grades i.e., essentially more regrettable than their friends. In point of fact, the debate regarding educational technology is not as straightforward. As indicated by the Pew Internet & American Life Project, affluent and instructed individuals have progressively great admittance to advanced assets. In particular, an association that assists organizations with getting entrance from now on, during circumstances like pandemics, has started to resolve this issue. Through PC clubs and instructional classes, individuals are becoming mindful of innovation's importance. Yet, with internet realizing and reliance on digital technology, this improves. There are additional materials like digital books and stuff online that can make sense of things more interestingly in case you want it. Students don't need to trust that the educator will begin or complete a part. They can do it all alone. Online learning allows them to assume responsibility for how they learn. The utilization of PCs extended decisively toward the start of the 21st century. Admittance to PCs and the Web is turning out to be progressively significant for full monetary, political, and social consideration, in the US as well as around the world. However, not everyone has access to this technology. They can peruse, tune in, and utilize different stuff to learn. This assists them with learning in their own particular manner and at their own time. Online learning makes students dynamic students, not just sitting and listening, but taking charge of their own learning.

The schooling system faces difficulties in assisting students at all levels with getting advanced and other innovation related abilities. While present day innovations influence all fragments of society and give expanding correspondence and information opportunities, they likewise represent a serious danger to equity and social cohesion.

At the point when students can learn on the web, they don't need to depend on educators as much for additional data or notes. They can track down more data on their own utilizing online libraries. With the internet right there, students can look through tons of online learning stuff. This assists them with preparing for tests better. They can utilize the stuff the school gave them, yet additionally other data from the internet. In this way, web-based learning implies they don't need to rely upon educators as much for notes and clarifications. On the other hand, for the case of traditional education, the students have to rely, as a must, on the teachers so may they can get their ideas and concerns clear. It makes them to bind a specified time range and other teaching resources so may the students can have proper knowledge and understanding of the specified material (Dani, 2023).

Educators frequently spend a critical piece of their time managing undertakings like revising papers, reviewing students, and really taking a look at tasks. The customary approach to educating includes a lot of paper work. Yet, assuming we acquire online course modules, it can chop down this responsibility. Educators could utilize the additional opportunity to make the online classroom more intuitive and drawing in with exercises and conversations. Online tasks are a lot more straightforward to deal with. Students send in their tests or tasks on the web, and educators can see the responses and evaluate them whenever, anyplace. They don't need to be left with heaps of paper to survey. Since online substance can be gotten to on cell phones, they can do it while hanging tight for the transport or during breaks between classes. Additionally, they can likewise give input to students utilizing a similar stage. In the event that we take a gander at the expenses, reliance on digital technology is substantially more budget-friendly for students contrasted with traditional learning. This is a result of how online course materials and actual reading material are made. Making a normal book includes a great deal of steps, such as chopping down trees, making paper, printing, pressing, and transportation etc. This multitude of steps make printed books more costly (Sejnowski, 2018). Also, digital books are made utilizing online instruments and are distributed carefully. That is the reason digital books are normally less expensive than the complete expense of conventional reading material for an entire school year. Furthermore, the best part is, all the learning stuff is in one spot. Students don't have to purchase various books for various subjects as they do in traditional learning. In this way, online training is really great for both students and the environment (classgap.com, 2023).

**Conclusion**

To conclude obviously the universe of training is a critical change, and online learning is venturing into the spotlight as a strong option in contrast to the conventional education & teaching methodology. The advantages it offers that might be of some value are really convincing, possibly changing the way we both learn and educate. One standout advantage? Students presently have the reins in their grasp with regards to their learning process. The opportunity to learn at their own mood and tap into an assortment of learning assets engages them to modify their schooling to customize their education to perfectly match their distinct preferences and learning styles. By comparing both the traditional education and online learning this has been determined that the online education means are more advanced and reliable than the traditional education. Students feel at ease when they have the opportunity to grab the knowledge at their own and no need to wait for a teacher or educator. Low/middle-income communities have limited access to digital technologies due to high costs and generally inadequate infrastructure, ranging from erratic power supply to limited information and communication technology (ICT) capabilities. Indeed, the debate about technology in education is not that simple. Context matters a lot, and students can use tablets or the Internet in many different ways, so it is difficult to say whether these technologies will help them learn.

**References**

classgap.com. (2023). *Online education vs Traditional Education: Which one is better for you?* Retrieved from <https://www.classgap.com/en/blog/online-education-traditional-education-which-one-better-for>

Dani, V. (2023). *Is online education better than traditional education?* Retrieved from <https://kitaboo.com/is-online-education-better-than-traditional-education/#:~:text=In%20a%20traditional%20teaching%20model,peer%2Dto%2Dpeer%20collaboration.>

Штепура, А. (2018). The Impact of Digital Technology on digital natives’ learning: American Outlook. Comparative Professional Pedagogy. <https://doi.org/10.2478/rpp-2018-0029>

McNulty, N. (2021). *Online education vs traditional education – which one is better and why*. Retrieved from https://www.niallmcnulty.com/2021/04/what-is-the-difference-between-online-education-and-traditional-education/

pacific-college.edu. (2022). *Online Classes vs. Traditional Classes: What’s the Difference?* Retrieved from https://www.pacific-college.edu/blog/traditional-vs-online-classes

Sejnowski, T. (2018). *The deep learning revolution*. <https://books.google.com/books?hl=en&lr=&id=9xZxDwAAQBAJ&oi=fnd&pg=PR7&dq=Digital+Learning+Revolution:+Maximizing+Engagement+and+Effectiveness&ots=SHTgM5pvZa&sig=XnHQXPvjGyNt1GRHJhU-9-gdeN4>