

## THE IMPORTANCE OF TECHNOLOGY IN TEACHING AND LEARNING

*by:*

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The basis of our economy is education. What (and how) we learn in school determines who we become throughout our lives as individuals and our success. This explains how we solve problems, how we collaborate with others, and how we look at the world around us. Education is even more important in today's innovation economy for developing the next generation of innovators and creative thinkers. There is, however, a significant gap between the potential of modern education and what many learners are learning in reality. In education, the adoption and exploration of innovative ideas are often slow. Instead, many educators continue to adhere to old and increasingly ineffective teaching methods (McKinney, 2016).

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Educational technology is a systematic implementation of applicable technical processes and teaching tools, to enhance the performance of students. It includes a disciplined approach to recognizing students' needs, applying instructional technology, and monitoring their success. Related techniques and tools in technology. This means that the methods and services must be appropriate to the objectives and milestones of the curriculum. EdTech also has a purpose: to enhance student success. The purpose should be guided by any instrument and approach that is being applied in the classroom. The instructor is expected to have a disciplined approach to revealing the students' needs. These needs will assist them in assessing the necessary technologies to be implemented in the classroom. It is important to monitor both outcomes, so the instructor can know how successful their strategies are. If, after introducing a particular instrument, the

students do not produce good results, the instructor should look for a better one (Prowritingpartner., 2020).

Its ease of use and usability influences both the student and the instructor and helps them. For instance, a teacher could ask students to take an online quiz to give them instant feedback, reducing the time the teacher might otherwise have taken to grade and look through each assignment. Technology reduces teachers' time and costs and also helps students to stay on top of their education by providing permanent access to data, such as being able to review deadlines or email a teacher about questions they may have at any time of the day. Technology has made it possible for students to obtain online credentials and educate themselves through online courses provided by institutions. Without having to pay to drive or travel away to attend university, they will learn from home. Without having to give up their full-time careers, working professionals have the chance to pursue further education. It has been groundbreaking to be able to learn online and it has made education open to all. Whether by online learning or simply displaying a video in a classroom, technology is used to teach differently. Teaching in front of a blackboard is now more than a lecturer, and technology has been an integral part of its growth. Education and the way that people learn and maintain knowledge has been changed. Its role in the future of education is, therefore, an important part of sustaining the growth and development of today's economy (Online Business School, 2021).

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