

IMPLICATIONS OF ICT IN EDUCATION

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The rapid advancement of Information and Communication Technology (ICT) has had an impact on teaching and learning in the majority of the country's educational institutions. ICT influences the educational industry, as it does other service industries. Opportunities to innovate, accelerate, enrich, and deepen skills, motivate and engage students, help connect school experience to work practices, create economic viability for tomorrow's workers, strengthen teaching, and assist schools in changing are provided.

It is believed that ICT has had a significant impact on teaching and learning; thus, using ICT allows students to communicate, share ideas, and work as a team anywhere, at any time. This includes teleconferencing classrooms, where students from across the country are invited to gather for a discussion on a specific topic. Students, in such circumstances, not only acquire knowledge collectively, but also share their learning experiences, allowing them to express themselves and reflect on their learning and assisting in involving students in global collaborative learning.

The presence of ICT in education enables students and teachers to learn in new ways. E-learning or online learning is becoming increasingly popular, and with various unprecedented events occurring in our lives, this not only allows schools to ensure that students have access to curriculum materials while in the classroom, but also allows them to ensure students can learn outside of the classroom, such as at home or in hospitals. ICT promotes higher-order thinking skills, one of the key skills for the twenty-first century, which includes, evaluating, planning, monitoring, and reflecting. Effective use of ICT in education necessitates skills such as explaining and justifying the use of ICT in problem

solving. Students must debate, test, and speculate on the various strategies they will employ.

When ICT is integrated into lessons, students become more engaged in their work. This is due to the fact that technology allows for different ways to make teaching the same things more fun and enjoyable. It is expected that as a result of this increased engagement, they will be able to retain knowledge more effectively and efficiently.

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