REIMAGINING THE ROLES OF TECHNOLOGY IN EDUCATION

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Technology has the potential to further transform the education system in innovative ways. It has the power to strengthen and enhance teacher-student connections, reimagine our approaches to learning and collaboration, close long-standing equity and accessibility gaps, and tailor learning experiences to meet the needs of all students.

Exploration and invention should be fostered in schools and other learning communities. Teachers should work with their pupils to learn together, exploring new information and developing new abilities. Leaders in education should establish a vision for developing learning experiences that give all students the tools and resources they need to succeed. Teachers must manipulate digital materials effectively to fully gain the good benefits of technology in our educational system and foster real-life learning experiences. Furthermore, education stakeholders should commit to collaborating to improve education for current and future generations of students through the use of technology.

To fully appreciate the benefits of technology in our educational system and create authentic learning experiences, teachers must utilize it successfully in their job. Furthermore, stakeholders in education should devote themselves to ensuring better education through the use of technology. These stakeholders include leaders, instructors, faculty, and other educators, as well as researchers, legislators, funders, technology suppliers, community members and groups, and students and their families.

Technology may accelerate, enhance, and transfer the impact of excellent teaching techniques when they are wisely developed and implemented. On the other hand,

19 May 2022

teachers must have the knowledge and abilities to fully utilize technology-rich learning settings in order to be transformative. Furthermore, as technology enables new sorts of learning experiences, the responsibilities of teachers, librarians, families, and learners will all need to evolve. To bring about these progressive changes in learning and teaching, education leaders must first build a compelling view of how technology may best fulfill the learning demands of all learners, as well as a plan to put that vision into action.

Teachers, administrators, families, and, most importantly, the learners themselves benefit from innovative assessments because they communicate evidence of learning progress and provide insights to teachers, administrators, families, and the learners. To minimize interruptions to study time, these assessments can be integrated into digitized learning activities. A solid foundation is necessary for technology-enabled learning, teaching, and evaluation. High-speed connections and gadgets that are accessible to teachers and students when they need them are important components of this system. A comprehensive learning infrastructure comprises digital learning content and other sources, as well as professional growth for educators and educational leaders, in addition to wires and devices.

People, particularly learners, require avenues to acquire expertise and create meaningful connections with peers and mentors in order to be successful in their daily lives and in the global workforce. This journey starts with a foundation of information and abilities that may be built upon and improved throughout one's life. On the basis of digital insights, technology may be a strong tool for reimagining learning experiences. Historically, a student's educational opportunities have been constrained by the resources available within a school's walls. Learners may access resources and expertise from anywhere, beginning with their own communities. This is because of technology-enabled learning.

Our schools should integrate 21st-century competence and expertise into the entire learning experience to remain competitive and generate active citizens. Critical thinking,

complex problem solving, cooperation, and the incorporation of multimedia communication into the teaching of traditional academic disciplines are among them. Learners should also have the opportunity to build a sense of control over their learning as well as the idea that they can achieve in school. Successful navigation through tasks such as developing connections and handling everyday difficulties are examples of non-cognitive talents. Self-awareness, impulsive control, executive function, cooperating, and caring about oneself and others are among the skills that can be developed.

With the proper use of technology, all learners can have stimulated and modernized learning experiences in both formal and informal learning setups, gearing them up to be proactive, imaginative, educated, and ethical citizens in our global society. To make the educational objective a reality, teacher development programs, education systems, state and local lawmakers, and teachers should collaborate to create pre-/ in-service professional learning opportunities that are specifically aligned with technology expectations outlined in state standards and that reflect the increased connectivity and access to devices in schools. Technology should not be used in isolation from content-area learning, but rather to transform and expand pre-and in-service learning as an integral component of teacher learning.

References:

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