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Abstract: *Today, more than ever, the role of sing educational technology in teaching is of great importance because of the use of information and communication onyr technologies. With the help of various applications for distance education, the Internet, teachers, and students themselves, they see the advantage of educatio nal technology. In this paper, we try to give an overview of the importance and use of educational technology in the classroom*

Key words: *globalization, powerful, demonstrating, harness, occupation, inclusive, increased .*

Many of today's high-demand jobs were created in the last decade, according to the International Society for Technology in Education (ISTE). As advances in technology drive globalization and digital transformation, teachers can help students acquire the necessary skills to succeed in the careers of the future.

How important is technology in education? The COVID-19 pandemic is quickly demonstrating why online education should be a vital part of teaching and learning. By integrating technology into existing curricula, as opposed to using it solely as a crisis-management tool, teachers can harness online learning as a powerful educational tool.

The effective use of digital learning tools in classrooms can increase student engagement, help teachers improve their lesson plans, and facilitate personalized learning. It also helps students build essential 21st-century skills.

Virtual classrooms, video, augmented reality (AR), robots, and other technology tools can not only make class more lively, they can also create more inclusive learning environments that foster collaboration and inquisitiveness and enable teachers to collect data on student performance.

Still, it's important to note that technology is a tool used in education and not an end in itself. The promise of educational technology lies in what educators do with it and how it is used to best support their students' needs. **The Benefits of Technology in Education**

Teachers want to improve student performance, and technology can help them accomplish this aim. To mitigate the challenges, administrators should help teachers gain the competencies needed to enhance learning for students through technology. Additionally, technology in the classroom should make teachers' jobs easier without adding extra time to their day.

Technology provides students with easy-to-access information, accelerated learning, and fun opportunities to practice what they learn. It enables students to explore new subjects and deepen their understanding of difficult concepts, particularly in STEM. Through the use

of technology inside and outside the classroom, students can gain 21st-century technical skills necessary for future occupations.

Still, children learn more effectively with direction. The World Economic Forum reports that while technology can help young students learn and acquire knowledge through play, for example, evidence suggests that learning is more effective through guidance from an adult, such as a teacher.

Leaders and administrators should take stock of where their faculty are in terms of their understanding of online spaces. From lessons learned during this disruptive time, they can implement solutions now for the future. For example, administrators could give teachers a week or two to think carefully about how to teach courses not previously online. In addition to an exploration of solutions, flexibility during these trying times is of paramount importance.

Below are examples of how important technology is in education and the benefits it offers to students and teachers.

Increased Collaboration and Communication

Educational technology can foster collaboration. Not only can teachers engage with students during lessons, but students can also communicate with each other. Through online lessons and learning games, students get to work together to solve problems. In collaborative activities, students can share their thoughts and ideas and support each other. At the same time, technology enables one-on-one interaction with teachers. Students can ask classroom-related questions and seek additional help on difficult-to-understand subject matter. At home, students can upload their homework, and teachers can access and view completed assignments using their laptops.

Personalized Learning Opportunities

Technology allows 24/7 access to educational resources. Classes can take place entirely online via the use of a laptop or mobile device. Hybrid versions of learning combine the use of technology from anywhere with regular in-person classroom sessions. In both scenarios, the use of technology to tailor learning plans for each student is possible. Teachers can create lessons based on student interests and strengths. An added benefit is that students can learn at their own pace. When they need to review class material to get a better understanding of essential concepts, students can review videos in the lesson plan. The data generated through these online activities enable teachers to see which students struggled with certain subjects and offer additional assistance and support.

Curiosity Driven by Engaging Content

Through engaging and educational content, teachers can spark inquisitiveness in children and boost their curiosity, which research says has ties to academic success. Curiosity helps students get a better understanding of math and reading concepts. Creating engaging content can involve the use of AR, videos, or podcasts. For example, when submitting assignments, students can include videos or interact with students from across the globe. Technology has taken over our world and has dramatically changed the way we live, work, and learn. In the education sector, technology has been a game-changer and has transformed the traditional methods of teaching and learning. In a classroom setting, students are often given a lot of information to process quickly. This can be overwhelming and cause

confusion. Technology provides access to numerous online resources that support independent learning and research. It also helps simplify the learning process by making concepts easier to understand, for example through instructional videos.

Gone are the days of rote memorization and blackboard lectures. Today's students are digital natives, who have grown up surrounded by technology and are accustomed to a more interactive, dynamic learning experience. Let's take a closer look at the importance of technology in education.

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How Important is Technology in Education?

Technology enhances the learning experience for students by providing them with the tools and resources necessary to succeed. From online resources that help simplify complex concepts to interactive learning experiences that keep students engaged, technology provides students with the support they need to thrive in the classroom and beyond.

Here are reasons why technology is important in education. They include more engaged students, support for multiple learning styles, better collaboration, more instant feedback for teachers, and preparation for the future. Let's take a closer look at the importance of technology in education:

Enhances Creativity and Innovation

Technology has opened up a world of opportunities for students to be creative and innovative. With access to a wealth of information and resources at their fingertips, students can experiment, explore and bring their ideas to life.

This type of hands-on learning is much more engaging and enjoyable for students and helps to foster critical thinking skills. For example, students can use graphic design software to create posters, animations, or videos to present their ideas.

They can use 3D printing to design and create prototypes of their inventions. They can even use virtual and augmented reality to bring their ideas to life and make them more interactive.

Supports Personalized Learning

One of the biggest benefits of technology in education is personalized learning. With online resources and educational software, students can find information that is tailored to their needs, interests, and learning style.

They can work at their own pace, repeat lessons if they need to, and access information that is relevant to their studies. This type of individualized learning can help students to stay motivated and achieve better results.

Improves Communication and Collaboration

Technology has revolutionized the way students, teachers, and administrators communicate and collaborate. With online platforms and social media, students can share ideas, work on projects, and stay connected no matter where they are. They can even work on projects with classmates from other schools or countries, breaking down geographical barriers and building a sense of community in the classroom.

Furthermore, teachers can use technology to create interactive lessons, online quizzes and tests, and provide instant feedback to students, helping them to stay on track and improve their performance.

Teaches Students How to be Responsible Online

With so many social media options out there, it's no surprise that students are already digital natives. But by bringing technology into the classroom, teachers get to help these students learn how to be responsible and make positive impacts in the digital world.

Technology is everywhere in education: Public schools in the United States now provide at least one computer for every five students. They spend more than \$3 billion per year on digital content. Led by the federal government, the country is in the midst of a massive effort to make affordable high-speed Internet and free online teaching resources available to even the most rural and remote schools. And in 2015-16, for the first time, more state standardized tests for the elementary and middle grades will be administered via technology than by paper and pencil.

To keep up with what's changing (and what isn't), observers must know where to look.

There's the booming ed-tech industry, with corporate titans and small startups alike vying for a slice of an \$8 billion-plus yearly market for hardware and software. Much attention is also paid to the "early adopters"—those districts, schools, and teachers who are making the most ingenious and effective uses of the new tools at their disposal.

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