# Role of EdTech in 2021 and Further

The past decade has seen a rise in EdTech. The emergence of Covid-19 has seen a further surge in the acceptance of EdTech. With students being forced to study from home, technology has come in handy with helping educators communicate with the learners and deliver.

Technology has contributed significantly to enhancing the quality of education and also increasing convenience. Seeing its contribution in improving innovation in education, organizations like [The World Bank Group](#) have extended their support to EdTech projects.

While EdTech has been around for some time now, it has become more visible during the Covid-19 pandemic. In 2021 and the coming future, EdTech will take over, replacing traditional teaching methods. The benefits have been felt, and EdTech will continue to influence learning.

## 1. Learning On-Demand

Unlike the traditional learning environment where teachers and learners have to be in a classroom, EdTech provides 24/7 access. Students can access the classroom on demand, from wherever they are. Be it while commuting, after school hours, and even during school breaks.

Provided they have digital devices and an internet connection, learners can comfortably complete assigned tasks. They can submit assignments online, get support from professional writers from [writepaper.com](#), and submit complete work to their professors online.

Educational technology creates convenience and self-direction as students can do things at their own pace.



## 2. Increased Collaboration in the Classroom

Educational experience needs to be engaging, active, and social. EdTech will play a massive role in making the learning environment collaborative. With this, students will develop self-management skills, higher-order thinking, and better leadership skills.

Collaborative learning also entails student-faculty interaction, which creates the right learning environment. Through collaborative learning, learners are exposed to real-life situations.

Digital devices and cloud-based tools will go a long way in fostering collaboration. That is among the learners and also

educators. Students can have discussions online on different topics.

# 3. Automated Grading

Educators spend a lot of time after work grading assignments. Thanks to EdTech, automated grading will go a long way in saving time and making grading universal.

A combination of artificial intelligence tools and machine learning can help teachers grade certain types of assignments. For instance, teachers are using the tools for quizzes and multiple-choice questions.

The use of these tools can save teachers a lot of time dedicated to scoring assignments. Thus the teachers can get more time to offer extra support to students struggling with their grades.

Teachers can also evaluate their lesson plans with the free time and redesign them accordingly for effective learning.

# 4. An Exciting Learning Environment

One of the things that students struggle with is attention. They tend to zone out from time to time and sometimes not just be present. This can impair their performance, especially for the students who cannot catch up on their own.

EdTech has played a significant role in making the learning environment exciting and also making the lessons attention-grabbing.

There is a wide range of gadgets and tools that can be used for teaching that would draw the students' attention. The different technologies working together will significantly boost concentration and participation in the classroom.

Students prefer learning, whereby they can use a variety of materials to study.

Some of the EdTech tools that will be used to create an engaging learning environment include VR headsets for STEM courses.

# 5. Self-Learning

Self-learning has been made possible by technology. The traditional classroom setting requires the students to work under the educator's directions. There are tons of learning apps, videos, and tons of other learning materials that promote self-learning.

Students will have the liberty to choose when to attend lessons, do projects, and even take exams. This fosters creativity and a sense of responsibility among the learners.

# 6. Personalized Learning

Personalized learning is the future of education, and it will be made possible by technology. The goal of [personalized learning](#) is to ensure that learners get what works best for them. Educators have discovered that the students have different strengths, weaknesses, and needs.

There is a need to personalize learning for improved performance. Through personalized learning, students are able to fully utilize their skills and come up with their learning strategies.

When students can bring out their best in their unique ways, a positive learning environment is created. Personalized learning helps both high performing students and the ones with challenges to reach their full potential.

Using student data, educators can customize lesson plans

aligned with the needs of the students. Educators can monitor their students' learning trends and design lesson plans that will make the most out of their strengths. They can also come up with strategies that will work on their weaknesses to improve their performance.

Personalized learning is motivating to the learners and can go a long way in boosting retention in the classes.

# 7. Reduced Guesswork

Educators give their students assessment tests to determine their performance and determine the effectiveness of their lesson plans. EdTech provides educators with a myriad of data platforms that help them continually assess performance.

EdTech allows for comparison of performance between terms and also an assessment of the outcome of the teaching strategies they use. For instance, educators can tell if students understand language classes better when taught through videos.

With real-time and accurate data, educators get real insights into how students are performing. This leads to the formulation of informed strategies and decisions. With accurate data, there is an excellent opportunity for continuous improvement.

# Take Away

EdTech is the future of education. Already, students are able to access the classroom. Students in higher learning are able to choose their lesson plans and enjoy self-directed learning. Grading will be automated, creating free time for the teachers to give individual students attention for improved performance.

EdTech will also bring about convenience in learning as

students can access the classroom from anywhere. The classroom will become more collaborative with the presence of multiple tools for students to share ideas and hold discussions.

EdTech will be the key to proactive learning and data-driven decisions in education.