CONTRASTING ICT TOOLS THAT ENGAGE CREATIVE LEARNERS

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ABSTRACT

ICTs tools bring about dynamic changes in society and education. They affect all aspects of human life. The application of ICT tools in the teaching and learning process has changed the entire teaching scenario of the learning process. The teaching-learning process is no longer limited to the boundary of Classrooms. ICT tools make a big difference in how pedagogy approaches and how students learn. ICTs stand for information and communication technologies and are defined, for this original document**,** as "a diverse set of technological tools and resources used to communicate and create, disseminate, store and manage information"**.** These technologies include computers, the Internet, broadcast technology (radio and television), and telephones. The main goal of this chapter is to find out how useful ICT tools are in classroom transactions. The use of different technologies to make the teaching-learning process more interactive and fun is also discussed in this chapter.

INTRODUCTION

The present era is the epoch of information and communication technology. Due to the arrival of ICT and computers in life has become easier. Over the past few years, there have been marvelous growth in ICT use across all sectors such as industry, business, society, the lives of people, and education. Currently, educational institutions around the world are integrating ICT into the teaching and learning process to provide the knowledge and skills to learners to meet the challenges of the educational atmosphere.

Jeelani (2011) rightly remarks, "It is only through education and the integration of ICT in education that one can teach students to be participants in the growth process in this era of rapid change" (Application of ICTs in Teaching-Learning Process, Sudipta Deb Roy, 2015). In Watson's (2001) description, ICTs have revolutionized the way people work today and are now transforming education systems (Application of ICTs in Teaching-Learning Process, Sudipta Deb Roy, 2015). Therefore if schools train children in yesterday's skills and yesterday's technology they run the risk of being ineffective and ill-adapted to tomorrow's world. This is reasoning enough for ICT tools to gain global recognition and attention in education.

ICT Tools to engage learners

In the world people who live with ICT tools are treasurable and children are more adapted to it than anyone. Unlike teachers, students are raised in the digital world. It is completely natural for students of all ages to use technology in all aspects of their lives. This is why ICT tools in the classroom are becoming more and more important. Traditional teaching methods have been transforming to adapt to the needs of 21st-century students and enhance teachers' professional practice. The digital future is happening.

The use of technology for education sparks students' curiosity stimulates their engagement and leads to better learning and understanding. These factors are a priority for any effective teacher and they can be easily achieved using ICT tools in the classroom. Peoples have innovative ICT classroom tools that promote responsible relationships and respect. It can be used by educators and students alike. Some of the ICT classroom tools engage innovative learners. They are;

PREZI

Suitable for students of all ages, suitable for teachers. Prezi is an ICT tool for creating interactive presentations. According to their research the creative way Prezi helps students present - by zooming results in presentations that are more effective engaging effective and engaging than PowerPoint presentations. If people still don't know what students can do with this software we highly recommend teachers test it out and show it

to the students. Who knows, this will be one of those ICT classroom tools that help teachers to capture the attention of their students.

HAIKU DECK

Suitable for students and teachers. An ICT tool with whose help students can certainly make presentations on your iPad, iPhone, and on the web. The ICT tool works online and offers a huge file of stock photos with which students can create image-based slides. Haiku Deck makes it easy to create presentations on the go and literally carries them in everyone's pocket. Haiku Deck can be also unified into Google Classroom which has been very typical lately.

VISME

Suitable for students and educators. One of the great ICT tools for the classroom that gives educators and students the tools to create visual infographics presentations reports and content. Visme provides all kinds of templates and graphic resources to help visualize any type of data or task. Students can insert videos animate images insert links and more.

Piktochart

Suitable for students and teachers. Piktochart is a great ICT tool that can be used by both educators and students for a variety of educational purposes. This ICT tool allows students to create infographics presentations posters and other visual aids. It is perfect for classroom activities as well as for activities at home. They offer special plans for educational groups of more than 25 people which is the category teachers and students fall into.

SCHOOLOGY

For students, teachers, and parents. Schoology is a free learning management system that allows teachers to create and distribute materials assess track progress and more. Basically with Schoology people can do whatever in Google Classroom as well as other features. People can organize content much more easily embed multimedia in assignment descriptions record audio or video on the platform have grade books set completion rules and much more.

EDMODO

For students, teachers, and parents. Edmodo is an educational network that teachers' students and parents can join. Edmodo provides a digital classroom environment and gives access to a variety of resources. At first glance, this looks a lot like the social media networks were familiar with so you'll get a spontaneous understanding of what, where, and how to join groups and communities and collaborate with users. Edmodo gives the option to create a digital classroom where teachers can invite students and even start submitting homework digitally.

QUIZLET

Suitable for students of all ages. An ICT Tool that can be of great use to students of all ages by Using flashcards games and more fun activities. Quizlet allows students to study a topic and self-assess. People can create their own set of learning materials or select an existing set of learning materials. Quizlet even lets everyone study on the go so students can study and test their knowledge from anywhere.

STORYBIRD

Suitable for K-9 students. Storybird is an abundant ICT tool for writing stories in a visually engaging way that motivates students to write and read stories. Storybird uses illustrations to inspire people to write. Of course, there are different types of stories that involve students of different ages. There are picture books for students K-5 chapter books for students in grades 5-9 and poetry for everyone. These ICT tools develop the brain's ability to associate words with images.

CONCLUSION

ICT tools and technologies are education's friends and there is no reason to resist this trend. Conversely, by incorporating ICT tools in the classroom students become effective school leaders who promote innovation. It is the ICT tools that support innovative-thinking educators that encourage students to learn and grow. Computer tools for creating infographics creating presentations videos and animations as well as all kinds of tools for communicating concepts and ideas visually. ICT tools make the education system more productive, interesting, give more powerful

instruction, and also able to extend the educational opportunities to the masses and create an information-rich learning environment. ICT tools have made the classroom transaction more interesting. It has extended the teaching-learning process beyond the boundaries of the classroom. Students are now able to use laptop computers and wireless networks anywhere on campus. A computer allows high-speed information exchanges to occur with individuals within the institution as well as around the world. ICT tools bring the outside world into the classroom teaching-learning process, make things more realistic and thus help the learners to understand abstract thought very clearly.

REFERENCE

Blurton, C (2002). New Directions of ICT-Use in Education. Retrieved from http://www.unesco.org/education/educprog/lwf/dl/edict.pdf; on 31.12.2021

Pavlova, I. (2018). 20 Digital Tools for Classroom for Innovative Teachers & Students. Retrieved from https://graphicmama.com/blog/digital-tools-for-classroom/on 31.12. 2021.

Majumdar, S. (n.d.) Emerging Trends in ICT for Education & Training Retrieved from file:///D:/emergingtrendsinictforeducationandtraining.pdf on 31.12.2021

Roy, S.D. (n.d.) retrieved from file:///D:/ict.pdf

Victoria L. Tinio (n.d.) ICT in Education Retrieved from file:///D:/Eprimer-edu_ICT_in_Education.pdf on 31.12.2021

Karatza, Z. (2019). Information and Communication Technology (ICT) as a Tool of Differentiated Instruction: An Informative Intervention and a Comparative Study on Educators' Views and Extent of ICT. *International Journal of Information and Education Technology, Vol. 9, No. 1, January 2019* Retrieved from http://www.ijiet.org/vol9/1165-EM0011.pdf on 31.12.2021