

HOW IS DIGITAL LEARNING GOING TO CHANGE SCHOOL AND EDUCATION

PARTHA MANISH VICHARE

Keraleeya Samajam's Model College , Dombivili East, Mumbai, Maharashtra, India

Abstract

Technology has certainly changed the way we live. It is technology plays an important role in our day today life. With the help of technology it is possible of us to do the work in less time, with more accuracy and less physical efforts. Many complex and critical processes can be carried out easily and with greater efficiency with the help of technology. Technology has transformed the field of education. The importance of technology in education cannot be ignored especially during today's pandemic situation. In fact, with the introduction of computers in education, it has become easier for teachers to impart knowledge and for students to acquire it specially during covid period. The use of technology has made the process of teaching and learning easy and with accuracy.

Introduction

The 21st century is regarded as an era of technology. Technology, today, plays a very important role in our life. The impact of technology can be seen in every possible field one such field is Education. Modern technology in education According to the present scenario students of today prefer to use technology and

how does their learning get an impact if they use technology, it was revealed that the use of modern equipment technology and tools, the learning and interactivity of students increases. They also find it much more interactive, as well as full of interesting areas, when aided by technology.

What is Digital learning ?

Digital Learning means learning with the help of technology that gives students some element of control over time, place, path or pace. Digital Learning requires a combination of technology, digital content and also instruction.

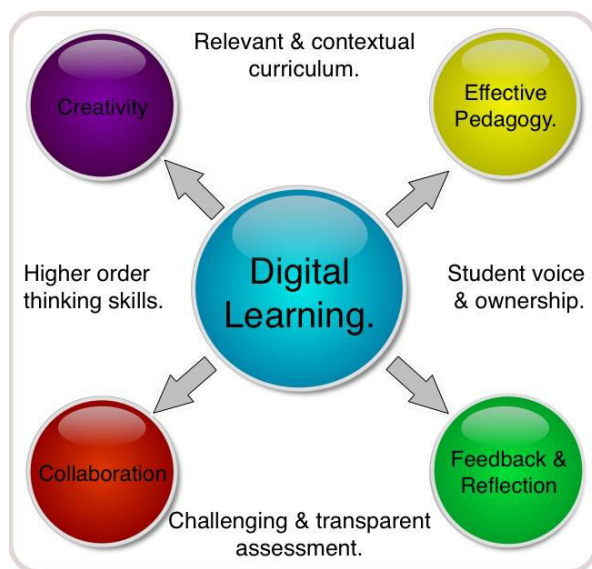
Students are able to get the proper education from alternative and interactive methods. Their curriculum is web based which help the students be more aware of what they are being taught as well as concentrate more on their education. Teaching process become more interactive as the teachers can use a wide range of tools and devices to make learning more interesting and easy to understand.



Benefits of Digital Learning

By providing the newest technology in the field of education helps save a lot of time for both teachers and students. Nowadays students can experience great educational methods and learn from the best professors without having to travel miles away. They get the chance to participate in lectures that they wouldn't be able to attend under the other circumstances. The use of the technology allows students to find amazing convenience, they can find various kinds of help, tutorials and other kinds of assisting material which could be used to academically improve and enhance their learning. Students are exposed to a broad variety of information that can advance their creativity.

Audio Visual learning always have a strong appeal compared to words. Using projectors and visuals help in learning is another form of great technological use. Use of projectors in schools and colleges can help teachers interact and rise up the interest levels of students and also help them motivate in education. Students like to see visuals that help them to think out of the box rather than just reading words. The learning part also becomes pretty efficient when it comes to technology.



Needless to say that digital learning is being quite helpful to students with learning disabilities. This interactive form of education help children that have learning disabilities.

Many children suffer from lack of concentration, so having opportunity to explore and find the best way there is for them to get well educated is great advantage.

Inclusion in education is very important. Especially for children with disabilities. By having more tech devices that are specially made for fulfill their needs, education automatically becomes easier and more pleasant. Children are able to be on the same level as the rest of their classmates and not feel excluded from anything.



Disabled children learning through new technology

Disadvantage of Digital Learning

However, as every coin has two sides, online education also has some drawbacks that can be neglected.

Excess use of computer can make the students prone to plagiarism. It can also cause vision problems as we sit near the laptop almost the whole day. Digital Learning may also affect physical development. Digital Learning detaches you from your classmates. Week students need to put in extra time in some cases to understand the learning process. It is easier to cheat in an online exam than when in a class and hence may not be advisable during exams. There are a number of distractions on the internet through adverts, and this might interrupt our learning.

Digital Learning and Educators

Many apps and social learning platforms make it easy for teachers to manage group for learning. Dynamic grouping, workshops and project based learning help students to present their ideas with more creativity. Many learning apps provide students with relevant content for their curriculum using technology. Digital learning enable children to share information with other educators in real time. Schools can save money while ensuring equal access to education material as expensive private school. Apart from teachers parents can also use interactive activities to encourage their children's interest in learning. Parents who guide their children at home and help them in learning can consult the internet and online tutorials anytime in order to guide their children in better way.

APPS USED IN DIGITAL LEARNING

1) Google Classroom



Google classroom is a virtual classroom. In an educational institution students are required to submit homework and assignments. We can use this platform for submitting assignments, asking for remarks and answers. It can also be used for creating classes, starting discussions.

2) Khan Academy



This app provides a free and world class education for all the curious minds across the globe. All lessons are in the form of video tutorials. Video display a recording of drawings on a virtual blackboard and the narrator describes each lesson through these drawings.

Khan Academy also provides online courses for many competitive exams.

3) Udemy



Udemy is one of the best learning apps for students. It has more than 130000 video tutorials for courses ranging from technology and business to personal development lessons. If you feel stuck at some lessons you can also ask questions and clear your doubts with teachers.

4) Youtube Kids

It is one of the best learning apps for kids aged 2-12. It has all kinds of videos for all type of kids. From educational videos, entertainment shows, music to tutorials. It has everything for kids to learn new things and pursue their interests. They put a lot of effort into creating a safe online experience for kids. Parents can guide kids activities by choosing the type of content, screen time limit, etc.

4) Khan Academy Kids



Khan Academy kids is a free program designed to inspire young children suitable for age group 2-7. It has thousands of books and activities to make learning engaging and fun. Its main attraction is the five animal characters who guide kids through their learning experience. It also provides good parental control. The main feature is that it can also be accessed offline once the learning material is downloaded.

Zoom, Microsoft Team, Google Meet are also video conferencing apps. A huge amount of teachers and schools have resorted to using these apps for conducting their classes. It is a good platform for interacting with students and taking classes.

Conclusion

Digital learning has both advantages and shortcomings, but it is an excellent method of learning that can help develop a student's performance. Students are able to get proper education from alternative and interactive methods. Since the curriculum is web-based, which means that the process of learning is done through different electronic devices that help the students be more aware of what they have been taught and concentrate more on education. It is thus time for every country to introduce a more technologically equipped education sector in the future.

References

- Beringer, V. (2009, October 20) For kids, pen's mightier than keyboard. *futurity.org*. Retrieved February 25th 2013 from <http://www.futurity.org/society-culture/for-kids-pens-mightier-than-keyboard/#more-4909>.
- Bounds, G. (2010, October 5) How handwriting trains the brain – forming letters is key to learning, memory, *ideawsj.com*. Retrieved February 25th 2013 from <http://online.wsj.com/article/SB10001424052748704631504575531932754922518.html>
- Bransford, J., Brown, A., & Cocking, R. (2000). *How people learn: Brain, mind, experience, and school*. Washington, DC: National Academic Press.
- Brill, J. M., & Galloway, C. (2007). *Perils and promises: University instructors' integration of technology in classroom-based practices*. *British Journal of Educational Technology*. 38(1), 95-105.
- Leising, J. (2013 January 30) The new script for teaching handwriting is no script at all. *wsj.com* Retrieved February 25th 2013 from <http://online.wsj.com/article/SB10001424127887323644904578272151551627948.html?KEYWORDS=handwriting>

Roschelle, J., Pea, R., Hoadley, C., Gordin, D., & Means, B.

(2000). Future of children, 10(2), 76-101.

Shah (2011, July 16) Why does writing make us smart ?

huffingpost.com. Retrieved February 25th 2013 from

http://www.huffingtonpost.com/2011/07/16/why-does-writing-make-us-_n_900638.html

Wenglinski, H. (1998). Does it compute? The relationship between educational technology and student achievement in mathematics. Princeton, NJ: ETS.