IMPORTANCE OF INFORMATION COMMUNICATION TECHNOLOGIES (ICT) IN EDUCATION

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Annotation

This article discusses the roles of Information and communication technology (ICT) in education. Information communication technologies at present are influencing every aspect of human life. ICT has the potential to enhance participation in educational activities for students   in learning process.

Keywords. Information Communication Technologies (ICT), ICT-enhanced, Active learning, self-managed

Currently, The use of modern information technologies in education is one of the most important and sustainable trends of the global educational process. Recent years, national educational institutions, computer equipment and other means of information technologies are increasingly used in studies of the majority of subjects. It is believed that technology can bring our education sector from the dark age to the light age. This is because the implementation of ICT in schools can bring about some potential benefits. Tinio states the potentials of ICT in increasing access and improving relevance and quality of education in developing countries. In Watsons description, ICTs have revolutionized the way people work today and are now transforming education systems. ICT plays a significant role in supporting learning. By using technology in their learning, the students can be active learners. They will be aware of what information they need, why they need it, and how they can get that information. They can explore information available in the Internet, find information that they need, copy it, and go on to find more and more information. By using this learning system, the students also become self-managed in their learning process. As noted by Jarold and Sue self-managed learning allows the students to be self-

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motivated and self-directed learners who will be able to readily, efficiently, and quickly respond to the quick change of information. The use of blog, for instance, can allow the educators and students to be very up-to-date to the issues and discussion in educational sector or other sectors. Thus, we do not have to wait the newest revision   ICTs are exerting impacts on pedagogical approaches in the classrooms. According to Tinio implication of using ICT can be seen as follows:

Active learning: - ICT-enhanced learning mobilizes tools for examination, calculation and analysis of information in order to provide a platform for student inquiry, analysis and construction of new information.

Collaborative learning: - ICT-supported learning encourages interaction and cooperation among students, teachers, and experts regardless of where they are. Apart from modelling real world interactions, ICT-supported learning provides opportunity to work with students from different cultures, thereby helping to enhance learners teaming and communication skills as well as their global awareness.

Creative learning: - ICT-supported learning promotes the manipulation of existing information and the creation of real-world products rather than the duplication of received information.

Integrative learning: - ICT-enhanced learning promotes a thematic integrative approach to teaching and learning. This approach eliminates the artificial separation between the different disciplines and between theory and practice, which characterizes the traditional approach.

Evaluative learning: - ICT-enhanced learning is student-directed and diagnostic. Unlike static, text or print-based education, ICT-enhanced learning recognizes the presence of different learning pathways to explore and discover rather than merely listen and remember.

So, ICTs are new dimension in education space. The computer must be a teaching assistant, a tool to achieve their educational goals, but not a panacea for all educational problems. ICTs are making major differences in the teaching approaches and the ways students are learning. ICT-enhanced learning environment facilitates active, collaborative, creative, integrative, and evaluative learning as an advantage over the traditional method. In other words, ICT is becoming more appropriate in the realization and implementation of the emerging pedagogy of constructivism that gives greater responsibility of learning for students.

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