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ICT and Education

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Abstract

Information and Communication Technologies are double-edged swords. They allow people to contact one another and exchange ideas very easily in order to create communities built around common interests and common causes. New technologies undoubtedly can be used for enhancing student learning. It is hoped that educators will embrace these affordances, while continuing to build on the long-established body of evidence about effective learning and teaching practices in education. In school education move from a predetermined set of outcomes and skill sets to one that enables students to develop explanatory reasoning and other higher-order skills. Some possibilities of future are also suggests in this paper.

Introduction

Students have a diversity of experience with digital technologies, and have limited time and resources for the adoption of new technologies. Therefore, it is vital to only adopt technologies for which there is good evidence that learning benefits will be substantial and can be well integrated into a curriculum. Digital technologies can have learning benefits, including: (i) the ability to download lecture recordings, so that content can be reviewed; and (ii) access to library databases and e-journals, so that information can be researched and appraised. Both the logistical and learning benefits originate from well-established core infrastructure provided by the institution, such as a centralised learning management system (LMS) platform, a library website, and free Wi-

Fi access (assuming students have internet-enabled devices).

A very important factor impelling change has been the technological explosion, particularly in the area of ICT (Information and Communication Technologies). Such technologies are double-edged swords. They allow people to contact one another and exchange ideas very easily in order to create communities built around common interests and common causes. They also make it possible for global corporations to move billions of dollars around the world with the click of a button.

This gives them tremendous power over local and national economies, especially in our developing country. Specific Proposals for the School System A paradigm shift has to be made regarding the notion of the teacher's role. A teacher