HOW ICT HELPS SCHOOL RUN EFFECTIVELY?

by:
Edrina A. Singian
Teacher III, Luakan National High School

Modernity has given us a higher perspective and a bigger challenge – that is, by embracing technology, how would it help us effectively?

The world has been automated and every field of knowledge has been integrating itself into technology. The transportation, industry, and even education is lead with significant changes during the past decades. Even orchestra nowadays used technologically-enhanced instruments to produce the best sounds. Even a boring messenger who learns to use the Power Point for his Sunday preaching is able to make the congregation enthusiastic and even thrilled from the presentation. As any educators know “school life is extremely fast-paced and complicated.” Education therefore has to.

School, as a system, alludes a lot of works. Schools primary work is to teach and yet through time it involves various programs, schemes, transactions, extra-curricular, and other records that add to the already magnanimous job order. Because of these, the school should have a system – some form of technology that would introduce efficiency and records-keeping more effectively. Fedena.com (2018) suggests that “this will help staff members to manage their extensive workloads and to feel supported by their school.”

But how exactly would a computer system help run school effectively? Four logical reasons: First, technology can help schools communicate with parents and other stakeholders more efficiently. The transportation of important messages would not take a day or two, or even a week, when technology is used. Teachers would be able to communicate effectively to other schools and other institutions they have concerned of.
If technology is used, there is a more effective transfer of information and transport of message. Whereas, if done manually, it might as well create confusion and misunderstanding as to the message. Thus, a strong communication online would boost a more positive environment and communication directly.

Second, technology can help store and protect important information. As is already mentioned above, traditional method of using paper will be lessened or not used at all. There will be a paperless office and a more environmentally-friendly workplace. Computers can store a vast amount of information a filing cabinet cannot store in a decade. This is a more effective measure a school can use with their records. Whereas, data loss, damages to documents, and other natural factors can be eliminated as copies of records can be reproduced in an instance.

Thus, according to Enyedi (2014) in a paper entitled “Personalized Instruction: New Interest, Old Rhetoric, Limited Results, and the Need for a New Direction for Computer-Mediated Learning”, in particular, advances in computational power, memory storage, and artificial intelligence are breathing new life into the promise that instruction can be tailored to the needs of each individual student, much like a one-on-one tutor. The term most often used by advocates for this approach is “Personalized Instruction.” However, despite the advances in both hardware and software, recent studies show little evidence for the effectiveness of this form of Personalized Instruction. This is due in large part to the incredible diversity of systems that are lumped together under the label of Personalized Instruction. Combining such disparate systems into one group has made it nearly impossible to make reasonable claims one way or the other.”

Third, technology can help teachers to find useful resources. As explained on the article entitled “Importance of ICT to a Pre-Service Teacher,” the author elaborated the usefulness of the internet as a resource in their teaching. Many aids to Instructional Materials are readily available in the internet. It says that with the invention of smartphones, tablets, and iPads, it is also possible for teachers to download useful apps
and to share them with their students. This is a fantastic opportunity for educators to communicate with students in a way that they will understand and appreciate (Fedena.com, 2018).

And fourth, technology can support learning outside the classroom. Obviously, a teacher can bring the classroom outside the school through technology. A Social Studies teacher can bring the students in the Vatican Museum or the Secret Archives in Rome, a Mathematics teacher can introduce Pythagoras from the App, and Science teacher can travel in the speed of light from one constellation to another. There are endless possibilities and technology is very useful in the delivery of these.

In view of the usefulness of technology, a school directly benefits from it. Not only that schools should run, but more so, to run effectively. A teacher should not just teach but teach effectively. A student should not just learn, but more than anything else, to learn effectively.

School’s effectiveness manifests when technology plays along the various proceedings within the school. There are various solutions indeed but progress starts when one embrace technology. However, it should be reminded that, according to Whizz.com (2014), that although we need to embrace ICT in the classroom, we must remember that it should never be used with the aim of replacing existing methods of teaching. The modern classroom is transforming, and ICT provides the perfect platform for teachers to adapt and improve their teaching practices, with new methods such as blended learning.
References:

