ICT IN EDUCATION

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Information and Communication Technologies (ICT) in education pertain to teaching and learning the topic that allows understanding the purpose and effective utilization of information and communication technologies (ICTs). Nowadays, the society exerts full effort to ensure that the emerging citizens are properly equipped with the knowledge and skills about communication devices.

One of the roles of ICT education is to teach people on how to become a proficient basic users of ICT for them to become a competent and successful in their chosen field, both in academic and work careers. ICT has the possibility to make learning more experiential. Moreover, the myriad of data visuals available on any topic can be taken to the classroom from all over the world. That is why ICT has been considered an developing area with lots of potential for making the educational method more meaningful.

According to worldwide research, students’ learning and teaching methods can be improved through ICT. It is supported by the research conducted by the National Institute of Multimedia Education in Japan, wherein there is a positive impact on students’ accomplishments through exposure to educational ICT especially in terms of content and comprehension in the subject areas of Mathematics, Social Studies and Science.

Technology is used to enhance learning. Thus, the use of Information and Communication Technologies more advantageous than the traditional instructional materials like manila paper that is for the lecture method. It will no longer be a burden to the teacher to use the chalk and board as well as the charts from time to time.
Overhead projector with computer is being used to deliver presentations in PowerPoint and videos to watch for. Students will be given a clearer view and understanding with the lessons presented along with the actual thing which they will manipulate. With the help of these ICTs, the teaching and learning process will be more effective.

Nowadays, 21st century learners who are truly up-to-date in utilizing different multimedia presentations such as animation, web designing, PowerPoint presentations, and many others. In this aspect, the lack of teacher training is one of the obstructions in achieving the desired performance level of the learners. It is a challenge for the teachers to be fully equipped with this kind of instruction to become more innovative, creative, and effective in designing our own mode of teaching using the different multimedia tools and approaches. We use technology to enhance learning, therefore, it is a must that educators should be comfortable in utilizing it.

References:
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