

ICT IN EDUCATION

by:

Bryan Jake Mangune

Mariveles National High School - Poblacion

All parts of our lives, including education, have been affected. In an era where new paths to quality education are being created, ICT offers a plethora of advantages, allowing pupils with the correct skills and outlook to stay ahead of the game. ICT or information and communication technology, simplifies many everyday chores and allows for communication from nearly anywhere on the planet.

The introduction of new education technologies has changed the way students approach learning and education today. As traditional approaches failed, new-age education models emerged to give and support innovative pedagogy.

By boosting teaching and learning, information and communication technology (ICT) in education has been connected to an upward change in people's lives. As a result, a growing number of schools are incorporating ICT into their elementary school curriculum. Students obtain a meaningful learning experience through this unique teaching style, collectively developing their own knowledge and applying their learning in a real-world environment.

The usage of ICT in learning/teaching has a significant positive impact on a student's learning ability. It has been proven that when students use computers to complete tasks assigned to them, they reflect positively on work and education, encouraging and driving them to absorb the information. Students who learned at school using technology had higher self-esteem and confidence.

Furthermore, pupils are increasingly involved in meaningful computer use (Castro, Sánchez and Alemán 2011). They generate new knowledge by accessing, choosing, arranging, and interpreting facts and information. Students who learn using ICT are better able to use knowledge and data from a variety of sources, as well as critically evaluate the quality of learning resources.

As a result, ICT-based learning not only plays an important role in a student's academic development, but it also considers the student's subjective, social, and enthusiastic development. It permits students and teachers to collaborate in ways that match a fully constructive approach to training through refined and modern systems such as video conferencing, virtual reality, and 3D animation. It also enhances the student's quick learning environment, providing exceptional opportunities to extend learning beyond the classroom.

References:

Castro Sánchez, J. J. and Alemán, E. C., 2011. Teachers' opinion survey on the use of ICT tools to support attendance-based teaching. *Journal Computers and Education*, vol. 56, pp.911-915.