COMPUTER LITERACY: AN ADDITIVE COMPONENT IN EFFECTIVE EDUCATION

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The Department of Education is aiming to produce globally competitive and functional citizens of the country. In this world, technology and gadgets are the heart of every individual for it is the easiest way towards success and progress. Knowledge and application of technology, specifically computer literacy, is an indication that a certain country is highly advanced and progressive.

According to Bantugan, in his study, “Constructing Diversity in ICT Literacy in Three ASEAN Countries (Indonesia, The Philippines and Thailand): The Philippine Case Study, the factors affecting ICT Literacy are:

1. Student access to software
2. Student use of software
3. Teacher use of software
4. The level of technology support

Also based on his study, the interventions toward high literacy are:

1. Developing e-learning tools
2. Enhancing ICT competencies
3. Manipulation of technology to suit content (Pedagogical Content Knowledge)
4. Use of multimodal texts (print, auditory and visual)
5. Change of the teacher’s role from expert to facilitator, resource manager, and co-constructor of knowledge
6. Use of social media in learning situations
In line with his study, the department provides the learning institutions the materials that provide computer literacy awareness of learners such as computer packages, resource materials and even e-classrooms as part of its computerization program. Teachers are also provided with seminars, workshops and training opportunities to gain insights in applying technology in teaching-learning process specifically in making instructional materials since meaningful learning is best achieved through the use of interesting and colorful strategic aids.

With the use of computerized and interactive lessons, boredom and rote learning is lessened provided that the materials to be used are suited to the knowledge, abilities and interest of the learners.

References:

ICT Literacy Among Senior High School- Nanyang Technological University, conference.ntu.edu.sg>Documents>PPTs