

E-learning in School Education in the Coming 10 Years

Abstract

One of the curriculum goals of e-learning in school education is to develop learners for 21st century skills through their daily learning activities. The research literature in the related fields indicates that K-12 schools should take advantage of e-learning to maximize learning opportunities of learners for the development of 21st century skills. The process of e-learning is foreseen to support learners to engage in learner-centered learning inside both formal and informal learning environments on an individualized and collaborative basis, with an understanding of their own learning outcome based on the evidence of improvement and awareness of progress. There are six research issues identified to be critical for e-learning in school education, namely the realization of developing 21st century skills of learners; the bridging of the gap between curriculum in school and situations in society; the maximization of learning opportunities in the learning process; the collection of evidence of improvement and building awareness of progress; the assessment of 21st century skills; and the provision of teacher development for enculturating learners to develop 21st century skills. As a hub of e-learning in the Asia-Pacific region, Hong Kong needs emerging research and innovations related to e-learning in the school education sector to address these critical research issues, in order to achieve the curriculum goal for e-learning in the 21st century.