

ICoME Abstract Submission

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Author:

Ryeong-hee Kim (김영희)

Jae Hoon Ryu (류재훈)

Additional author(s):

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Title:

How to improve 4Cs: Development of learning platform using microlearning

Abstract:

The purpose of this study is to explain how microlearning plays a role as contents with learning practice and technique, and analyzes how to utilize it as media and suggests the effect of microlearning on learners based on the attributes and values of 4Cs. We developed a learning platform for this. This allows the learner to select the appropriate content and to make meaningful learning happen in the process. The platform is based on Bruner's spiral curriculum theory, which can reflect the structure of knowledge into the organizational form of educational contents. The existing e-learning platform was a program-oriented design that focused on structured learning resources and formal learning activities that have already been created. However, this study is based on a relational situation based on microlearning, this leads us to connect discovery learning. When the same form of microlearning contents(continuity) are delivered to the learner in different depth(difference), it is possible to know what state is connected according to the individual attributes and roles of 4Cs. Based on this, we expect to play a role in school education and HRD through microlearning platform that can improve learner's potential competency in a changing educational environment.

Keywords:

4Cs, microlearning, learning platform, Bruner's spiral curriculum