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The Impact of Interaction between Flipped Learning Environment based on KWL Strategy and Personal Learning Networks (PLN) on Developing Information Skills of Students Majoring in Education Technology

An M.A. Thesis in Curricula and Methodology with a major in Education Technology

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Abstract:

The present research aimed at revealing the impact of interaction between flipped learning environment based on KWL strategy and personal learning networks (PLN) in developing information skills of students majoring in education technology. It used the semi-experimental approach; the FL model was adopted for designing John Lee et al flipped classroom (2016). The sample consisted of (56) male and female third-year students, Department of Education Technology, the Faculty of Specific Education, Fayoum University. They were distributed on four experimental groups; each consists of 14 male and female students.

The most important findings reached by the research is that the students who studied using flipped learning environment based on KWL strategy and personal learning networks (PLN) surpassed their counterparts of students who studied using the flipped classroom environment, the students who studied using the environment of flipped classrooms based on KWL strategy and the students who studied with the personal learning networks (PLN) in academic achievement and the skills related to the research and technological aspects of the informational skills . Another finding is the lack of differences among the four groups in the post application of the questionnaire related to the informational skills.