

The Interaction Between the Size of Electronic Educational Activities Groups (Large - Small) and The Level of Mental Capacity (High - Low) and Its Impact on Developing Internet Use Skills and Engagement in Learning Among Digital Education Technology Students

Abstract:

The research aimed to determine the effect of the interaction between the size of electronic educational activity groups and the level of mental capacity in developing Internet use skills and engagement in learning among digital education technology students. The research sample consisted of second-level students in the Bachelor of Educational Technology program. The number of digital students at Fayoum University reached (140) and they were divided into the four experimental groups. The results of the research indicated that there were differences in achievement in favor of the group of small-sized electronic educational activities, and there were differences in achievement in favor of the group with the higher level of mental capacity. Interaction is effective in developing achievement, which is higher among students who participate in a group of small electronic educational activities. The practical performance of Internet use skills is in favor of the group with a high level of mental capacity. There are no differences in the practical performance of Internet use skills due to the interaction between the size of the electronic activity groups and the level of mental capacity. There are differences in engagement in favor of the small-sized group of electronic educational activities. There is no difference in engagement in learning due to the level of mental capacity. Interaction has had an effective impact on developing engagement in learning. It is higher among students who participate in a group of small e-learning activities.

Keywords: Electronic Educational Activity- Mental Capacity- Skills of Using The Internet- Engagement in Learning.