

عنوان مقاله:

Effectiveness of blended learning on students' academic motivation in multi-grade classes

محل انتشار:

دوفصلنامه آموزش از دور، دوره 5، شماره 1 (سال: 1402)

تعداد صفحات اصل مقاله: 9

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خلاصه مقاله:

Multi-grade classes are one of the realities of our educational system. Academic motivation is known as a challenge for educational systems in developing countries. According to the rapid advances in science and technology, the utilization of blended learning seems to solve this challenge. This study aimed to investigate the effectiveness of blended learning on students' academic motivation in multi-grade classes. The study was quasi-experimental with a pre-test-post-test design with the control group. The statistical population was all students of primary multi-grade classes in Ghaen ($n=2200$ with 160 classes). The statistical sample was 28 multi-grade students selected using the two-stage cluster sampling method. Also, to collect data, Harter's academic motivation questionnaire was used with Cronbach's alpha of 0.92. The SPSS application and covariance test used to analyze the data. The results showed that academic motivation scores in the experimental group were more than the control group ($p \leq 0.05$, $f(25.1) = 4.23$). According to ETA squares, the blended approach explains 37% of the variance of academic motivation post-test scores ($p < 0.05$, $\eta^2 = 37\%$). According to the findings and the challenges of teaching in multi-grade classes, this method is not just one option but seems to be the best solution for resolving multi-grade problems.

کلمات کلیدی:

Academic Motivation, Blended learning, multi-grade classes, teaching multi-grade

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