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Aprendizaje basado en proyectos: una experiencia de innovación con futuros docentes de matemática [

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text (article)

Analítica

This paper shows the implementation results of Project-Based Learning (PBL) in three courses of the undergraduate program "Mathematics Education with Technological Environments" (MATEC) at the Costa Rica Institute of Technology (ITCR). The analyzed courses were Geometry Teaching, Statistics and Probability Teaching, and Algebra and Functions Teaching. Sixty university students participated. In total, fifteen groups were created to give workshops to primary school teachers. The experience showed very positive results. The students apply competencies that they will implement as professionals. This allowed them to reaffirm their vocation towards math teaching by developing skills such as decision-making and teamwork. In addition, they were able to apply the theory of these courses into practice, complying with the guidelines established by the MATEC career
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Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es