THE IMPACT OF SERIOUS GAMES IN MATHEMATICS FLUENCY: A STUDY IN PRIMARY EDUCATION

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Seripus game, education (in its various forms) is the main objective, rather than entertainment, focusing on a specific content regardless of the form and structure used

INTRODUCTION



Gamification, as a potential complement, precisely because it is a key strategy in the motivational field. Gamification can be developed in parallel by reinforcing motivation in a non-game context.



Academic performance, provides assistance to the learner through a virtual coach, guiding the learner to develop strategies to overcome the difficulty detected in the learner's pathway

METHODOLOGY AND RESULTS

The objective of this study was to investigate the impact that the use of serious games has on work at primary school level.



Novice versus experienced teachers Post-test and students' academic performance

CONCLUSIONS



Greater progress in mathematical fluency is observed in those classrooms that have used the gamification strategy, as well as greater use of the programme and a higher number of solved activities.



The choice of relevant content for teachers is shown to be a key factor in order to have an impact on school work by bringing various skills into play, especially mathematical and digital skills.



The students, who are clearly motivated and involved in the proposal, are offered digital game experiences with great isomorphisms with the usual ones in their leisure time, which helps to bridge the gap between school and social reality.



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