

Manuscript ID : 00001-78106

Revista Científica

Volume 9, Issue 2, May 2022, Pages 39-52, Page Count - 14



Source ID : 00000346

## Moodle virtual classroom to motivate physical education learning at the Universidad Regional Amazonica Ikiam

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### Abstract

*The COVID-19 pandemic forced a transition from a face-to-face education model to a purely virtual one, for which the implementation of virtual classrooms became essential. This was a challenge in the subject of physical education, since it was developed exclusively in a face-to-face manner. Therefore, the objective of this research was to implement and evaluate a virtual classroom in Moodle, using a series of ICT tools to promote learning in the aforementioned subject. The methodology used consisted in the design of a virtual classroom based on the pedagogical model of constructivism and supported by the methodological strategy of ERCA (Experience, Reflection, Construction and Application), supported by digital tools and a subsequent evaluation through a student survey. As part of the results, it was determined that 68.6% have a laptop or computer and 85.7% have Internet at home. In turn, it was determined that 85.2% considered that the virtual classroom used and all its components contributed significantly to the learning of physical education, reducing sedentary lifestyles and inserting physical activities in their daily routine.*

### Author Keywords

virtual classroom, Moodle, ICT tools, physical education, teaching, learning

### ISSN Print:

Source Type: Journals

Publication Language: English

Abbreviated Journal Title:

Publisher Name: Universidad Tecnológica Israel (UISRAEL)

Major Subject: Social Sciences and Humanities

Subject area: Education

ISSN Online: 2631-2786

Document Type: Journal Article

DOI:

Access Type: Open Access

Resource Licence: CC BY-NC

Subject Area classification: Social Sciences

Source: SCOPEDATABASE

### Reference