



CONTRIBUTING FACTORS AFFECTING THE ENGAGEMENT OF STUDENTS IN MATHEMATICS: BASIS FOR LEARNING MATERIALS

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ABSTRACT

This study explores the various factors that influence student engagement in Mathematics, with the ultimate goal of using the findings as a basis for the development of responsive and effective learning materials. Student engagement is a crucial element in the learning process, especially in subjects like Mathematics, which many learners perceive as challenging or intimidating. Through a mixed-methods approach involving surveys, interviews, and classroom observations, the study identifies key contributing factors such as teaching strategies, learning environment, availability and design of instructional materials, students' attitudes toward Mathematics, and the role of parental and peer support. Results show that student-centered teaching methods, relatable content, interactive activities, and supportive classroom climates significantly enhance engagement. Based on the findings, the study proposes the development of contextualized and interactive learning materials aimed at fostering student interest and participation in Mathematics. These materials are expected to bridge learning gaps and encourage a more positive attitude toward the subject. The implications of this study highlight the importance of aligning instructional design with learners' needs and experiences to improve educational outcomes in Mathematics.

Majority of the respondents belong to age 16-17 above and most of them are female.

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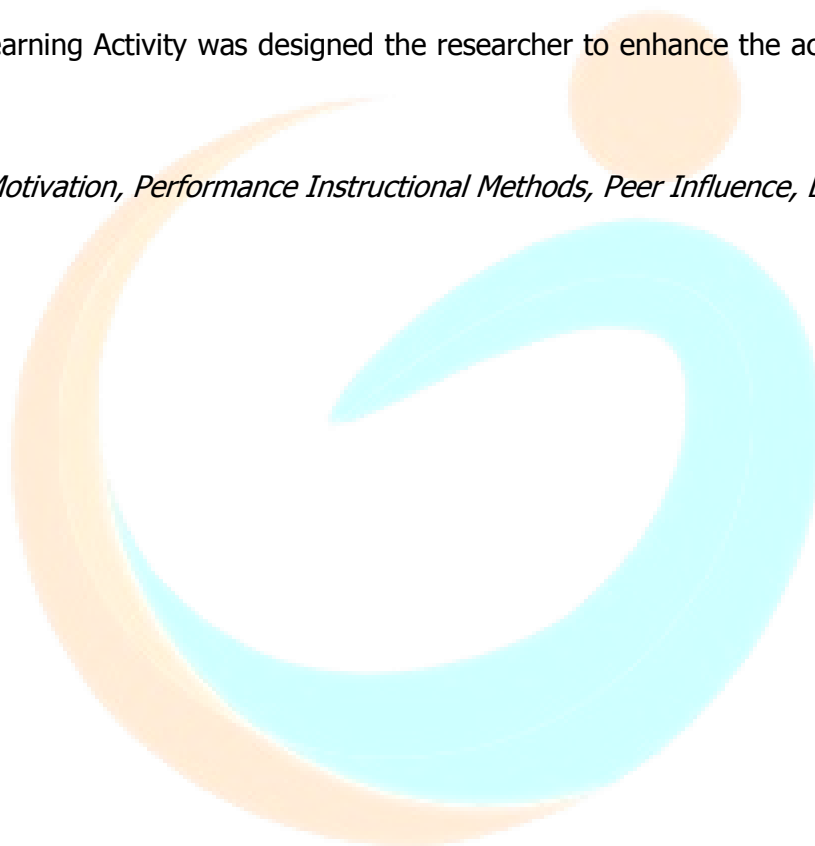


The respondents agreed of perception on contributing factors affecting the engagements in mathematics.

There is no significant difference between perception of the respondents on contributing factors affecting the engagements of students in mathematics when profile is considered.

The Learning Activity was designed the researcher to enhance the academic skills of students.

Keywords: *Motivation, Performance Instructional Methods, Peer Influence, Learning Activity Sheets*



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