

ABSTRACT

AN EXAMINATION OF THE IMPACT OF USING THE PROJECT BASED LEARNING (PjBL) MODEL ON ELEMENTARY SCHOOL STUDENTS' MATHEMATICS LEARNING OUTCOMES

By

NENG SRI MULYATI

The dismal math learning outcomes of elementary school kids inspired this research. When the learning process is disrupted, students have difficulty solving math problems, the teacher's learning model is still ineffective, and student motivation is low, this is indicated. As a result, the learning process analyzing the usage of the Project Based Learning (PjBL) model may be considered as an endeavor to improve mathematical learning outcomes. The goal of this research was to see how the PjBL paradigm affected primary school pupils' mathematical learning outcomes. A literature review was employed as a method of investigation (literature study). This study was carried out by examining a number of national and international journal papers. Editing, arranging, and discovering were the data gathering procedures used in this study. Deductive data is employed for the analysis. The data in this study is analyzed by combining, creating, and concluding theories concerning the impact of the Project Based Learning model on elementary school children' mathematics learning results. A project-based learning learning model, or PjBL, is a learning approach that demands students to be engaged and finish a project. Students can work in groups or on their own when using the PjBL learning model. Students' abilities, experiences, and knowledge will be shaped by mathematical learning outcomes, specifically those achieved through student learning activities. Students are expected to be able to connect learning materials to the environment or real-world situations using these learning goals. There are three types of learning outcomes: cognitive (knowledge), emotional (attitudes), and psychomotor (doing things) (skills)The Project Based Learning (PjBL) paradigm has been shown to increase math learning results in elementary school students. Learning may be appropriately implemented using this paradigm, and pupils will respond positively to all learning activities. The authors evaluated the results of prior studies and found that the PjBL model improved and had an impact on primary school pupils' mathematics learning outcomes.

Keywords: Project Based Learning, Mathematics Learning Outcomes