

PROBLEM BASED LEARNING (PBL) AND TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE (TPACK) APPLICATION TO INCREASE STUDENT ACHIEVEMENT IN THIRD GRADE OF SD NEGERI DEMAKAN 02

Ary Septiningrum¹, Ahmad Syawaluddin, Alphian Sahrudin

¹ Elementary School Teacher (PGSD), SD Negeri

Demakan 02 Email:

aryharyanto85@gmail.com

² PGSD, Universitas Negeri Makassar

Email: unmsyawal@unm.ac.id

³ PGSD, Universitas Negeri Makassar

Email: phianshof86@gmail.com

Abstract. This research was motivated by the problems that occur in the learning activity in the third grade. This research focused on how the application of Problem-Based Learning (PBL) learning model and Technological Pedagogical Content Knowledge (TPACK) approach improve student achievement in third grade at SD Negeri Demakan 02. The primary data shows that students pay less attention to the material from the teacher in learning activity. 15 of 27 students are passive and not confident enough to express suggestions correctly. As a result, the students did not show much interest in learning and the teacher did not use innovative learning models. Furthermore, the way the teacher explained the material was monotonous and the media used was unattractive. Therefore, the application of PBL model and TPACK approach were aimed to improve the quality of learning in third grade. Besides, the purpose of conducting the teaching practice was to improve teacher skills, student activities, and student learning outcomes at SD Negeri Demakan 02. These teaching practice activities were divided into four: planning, implementing, observing and reflecting.

The data collection techniques used in this study were observation, testing, and document review. Moreover, this research applied qualitative descriptive techniques to analyse the data. The result shows that 74% data were obtained during teaching practice 1. In this model, the steps have been implemented well and 63% of students are able to share their opinions and suggestions. Consequently, it proves that the PBL model and the TPACK approach can gradually improve the ability to express opinions / suggestions for third grade students at SD Neger Demakan 02. Through this research, it can be concluded that problem-based learning model and TPACK approach are effective in improving learning outcomes for third grade students at SD Negeri Demakan 02.
