

ABSTRAK

PENERAPAN *MODEL PROBLEM BASED LEARNING (PBL)* BERBASIS MEDIA *QUIZIZZ* TERHADAP HASIL BELAJAR PESERTA DIDIK PADA MATA PELAJARAN IPAS KELAS IV SD

Oleh

FATMA WATI

Masalah dalam penelitian ini adalah rendahnya hasil belajar peserta didik pada mata pelajaran IPAS kelas IV SD Muhammadiyah Metro Pusat. Tujuan penelitian adalah untuk menganalisis pengaruh penerapan model *Problem Based Learning (PBL)* berbasis media *quizizz* terhadap hasil belajar IPAS. Penelitian menggunakan metode *quasi eksperimental design* dengan desain *nonequivalent control group design*. Populasi terdiri dari 218 peserta didik dengan sampel 68 peserta didik kelas IV yang terbagi menjadi kelas eksperimen (*problem based learning* berbasis media *quizizz*) dan kelas kontrol (*discovery learning* berbantuan media *power point*). Data dikumpulkan melalui tes hasil belajar *pretest* dan *posttest* dan observasi keaktifan peserta didik. Teknik analisis data menggunakan uji *N-Gain* dan regresi linier sederhana. Hasil uji regresi linier sederhana menunjukkan bahwa F_{hitung} lebih besar dari F_{tabel} . Hasil penelitian menunjukkan bahwa terdapat pengaruh signifikan penerapan model *Problem Based Learning (PBL)* berbasis media *quizizz* terhadap hasil belajar IPAS peserta didik kelas IV SD Muhammadiyah Metro Pusat Tahun Pelajaran 2025/2026.

Kata kunci: hasil belajar, model *problem based learning*, media *quizizz*

ABSTRACT

THE IMPLEMENTATION OF THE PROBLEM BASED LEARNING (PBL) MODEL BASED ON QUIZIZZ MEDIA ON STUDENT OUTCOMESS IN THE SCIENCE SUBJECT OF GRADE IV ELEMENTARY SCHOOL

By

FATMA WATI

The problem in this study is the low learning outcomes of students in the subject of science in grade IV of Muhammadiyah Metro Pusat Elementary School. The purpose of the study was to analyze the effect of the application of the Problem Based Learning (PBL) model based on quizizz media on science learning outcomes. The study used a quasi-experimental design method with a nonequivalent control group design. The population consisted of 218 students with a sample of 68 fourth-grade students divided into an experimental class (problem based learning based on quizizz media) and a control class (discovery learning assisted by power point media). Data were collected through pretest and posttest learning outcome tests and observation of student activity. Data analysis techniques used the N-Gain test and simple linear regression. The results of the simple linear regression test showed that F_{count} was greater than F_{table} . The results showed that there was a significant effect of the application of the Problem Based Learning (PBL) model based on quizizz media on science learning outcomes of grade IV students of Muhammadiyah Metro Pusat Elementary School in the 2025/2026 academic year.

Keywords: learning outcomes, problem based learning model, quizizz media.