

ABSTRAK

Aldi Ramadhani: Pengaruh Model *Problem Based Learning* Berbantuan Media *Booklet* Terhadap Kemampuan Pemahaman Konsep Siswa Kelas V SD Pada Materi Siklus Air. **Skripsi, ISBI Singkawang, 2024.**

Penelitian ini bertujuan untuk mengetahui pengaruh model *Problem based learning* berbantuan media *booklet* terhadap kemampuan pemahaman konsep siswa kelas V SD pada materi siklus air di SDN 03 Dungun Laut Kecamatan Jawai Tahun Pelajaran 2023/2024. Jenis penelitian yang digunakan adalah penelitian kuantitatif dengan metode *quasi experimental design* dengan bentuk desain *post-test only control group design*. Populasi penelitian ini adalah seluruh siswa kelas V SDN 03 Dungun Laut yang berjumlah 40 siswa. Sampel penelitian ini yaitu kelas V yang berjumlah 40 siswa yang terdiri dari kelas VA yang berjumlah 18 siswa sebagai kelas eksperimen dan kelas VB yang berjumlah 22 siswa sebagai kelas kontrol. Teknik pengumpulan yang digunakan dalam penelitian ini adalah teknik tes dan non tes. Tes yang digunakan adalah soal *post-test*, sedangkan non tes yaitu menggunakan angket respon siswa dan lembar observasi keterlaksanaan kegiatan pembelajaran. Teknik analisis data dalam penelitian ini adalah uji t dua sampel independent, uji *effect size*, dan analisis persentase deskriptif. Hasil penelitian menunjukkan bahwa: (1) Terdapat perbedaan pemahaman konsep siswa antara kelas yang menggunakan model *Problem based learning* berbantuan media *booklet* dengan kelas yang diberikan model pembelajaran langsung pada materi siklus air dikelas V SDN 03 Dungun Laut dengan $t_{hitung} = 2,462 > t_{tabel} = 2,024$; (2) Besarnya pengaruh model *Problem based learning* berbantuan media *booklet* terhadap kemampuan pemahaman konsep IPA siswa yaitu sebesar 0,4 dengan kriteria sedang; (3) Keterlaksanaan model *Problem based learning* berbantuan media *booklet* pada pembelajaran IPA kelas V SD tergolong sangat baik dengan persentase 90%; (4) Respon siswa positif terhadap model *Problem based learning* berbantuan media *booklet* pada pelajaran IPA kelas V SD yaitu sebesar 81% dengan kriteria sangat baik. Jadi dapat disimpulkan bahwa model *Problem based learning* berbantuan media *booklet* memiliki pengaruh terhadap kemampuan pemahaman konsep Ilmu Pengetahuan Alam (IPA) siswa pada materi siklus air kelas V di SDN 03 Dungun Laut.

Kata Kunci: *Model Problem Based Learning, media booklet, kemampuan pemahaman konsep IPA*

ABSTRACT

Aldi Ramadhani: The Influence of the Problem Based Learning Model Assisted by Booklet Media on the Ability to Understand Concepts of Class V Elementary School Students on Water Cycle Material. **Skripsi, ISBI Singkawang, 2024.**

This research aims to determine the effect of the problem based learning model assisted by booklet media on the ability to understand concepts of fifth grade elementary school students in the water cycle material at SDN 03 Dungun Laut, Jawai District for the 2023/2024 academic year. The type of research used is quantitative research using a quasi experimental design method with a post-test only control group design. The population of this study was all class V students at SDN03 Dungun Laut, totaling 40 students. The sample for this research is class V with a total of 40 students consisting of class VA with 18 students as the experimental class and class VB with 22 students as the control class. The collection techniques used in this research are test and non-test techniques. The tests used are post-test questions, while non-tests use student response questionnaires and observation sheets on the implementation of learning activities. The data analysis techniques in this research are the two independent sample t test, effect size test, and descriptive percentage analysis. The results of the research show that: (1) There is a difference in students' conceptual understanding between classes that use the problem based learning model assisted by booklet media and classes that are given a direct learning model on water cycle material in class V SDN 03 Dungun Laut with $t_{count} = 2.462$ $> t_{table} = 2.024$; (2) The magnitude of the influence of the problem based learning model assisted by booklet media on students' ability to understand science concepts is 0.4 with medium criteria; (3) The implementation of the problem based learning model assisted by booklet media in science learning for class V elementary school is classified as very good with a percentage of 90%; (4) Positive student response to the problem based learning model assisted by booklet media in science lessons for class V elementary school was 81% with very good criteria. So it can be concluded that the problem based learning model assisted by booklet media has an influence on students' ability to understand Natural Science (IPA) concepts in class V water cycle material at SDN 03 Dungun Laut.

Keywords: Problem Based Learning Model, booklet media, ability to understand science concepts