# THE INFLUENCE OF THE PROBLEM BASED LEARNING MODEL ASSISTED WITH MIND MAPPING ON THE SCIENCE LEARNING OUTCOMES OF CLASS V SD STUDENTS GUGUS VIII SERIRIT DISTRICT

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## ABSTRACT

This research tries to evaluate how the science and science learning outcomes of fifth grade students at Gugus VIII Elementary School, Seririt District, are influenced by the Problem Based Learning learning paradigm using Mind Mapping. The design of this research is quasi-experimental. There are 35 students in class V of SD N 3 Pangkung Paruk, which is the experimental class, while there are 27 students in class V of SD N 4 Pangkung Paruk, which is the control class. A random sampling procedure was used for the selection of experimental and control classes. land of opportunity. Learning outcomes assessment is used to collect data, and Excel and SPSS version 22 are used for data processing techniques such as validity, reliability and analysis of question difficulty. The research results show that the science learning outcomes of fifth grade elementary school students are positively impacted by the Problem Based Learning learning approach using Mind Mapping.

**Keywords:** Problem Based Learning, Mind Mapping, Learning Outcomes, Science

# PENGARUH MODEL PEMBELAJARAN *PROBLEM BASED LEARNING* BERBANTUAN *MIND MAPPING* TERHADAP HASIL BELAJAR IPAS SISWA KELAS V SD GUGUS VIII KECAMATAN SERIRIT

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## ABSTRAK

Penelitian ini mencoba untuk mengevaluasi bagaimana hasil belajar IPA dan sains siswa kelas V SD Gugus VIII Kecamatan Seririt dipengaruhi oleh paradigma pembelajaran Problem Based Learning dengan penggunaan Mind Mapping. Desain penelitian ini adalah eksperimen semu. Siswa kelas V SD N 3 Pangkung Paruk yang merupakan kelas eksperimen berjumlah 35 anak, sedangkan siswa kelas V SD N 4 Pangkung Paruk yang merupakan kelas kontrol berjumlah 27 siswa. Prosedur pengambilan sampel acak digunakan untuk pemilihan kelas eksperimen dan kontrol. tanah peluang. Penilaian hasil belajar digunakan untuk mengumpulkan data, dan Excel serta SPSS versi 22 digunakan untuk teknik pengolahan data seperti validitas, reliabilitas, dan analisis kesukaran soal. Hasil penelitian menunjukkan bahwa hasil belajar sains siswa kelas V sekolah dasar terdampak positif dengan pendekatan pembelajaran Problem Based Learning dengan penggunaan Mind Mapping.

**Kata Kunci**: *Problem Based Learning*, *Mind Mapping*, Hasil Belajar, IPAS