

ABSTRAK
PEMECAHAN MASALAH SUMBER ENERGI PADA SISWA SD KELAS
IV DENGAN MENGGUNAKAN MODEL *PROJECT BASED LEARNING*

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Penelitian ini bertujuan untuk mengetahui pemecahan masalah sumber energi pada siswa SD kelas IV dengan menggunakan model *project based learning* (PjBL). Metode penelitian yang digunakan adalah deskriptif kualitatif. Subjek dalam penelitian ini adalah siswa kelas IV SDN di kota cimahi dengan jumlah siswa sebanyak 30 orang yang terdiri 14 orang siswa perempuan dan 17 orang siswa laki-laki. Instrumen yang digunakan adalah lembar observasi, lembar respon guru dan siswa serta soal pemecahan masalah sumber energi. Hasil penelitian menunjukkan bahwa terdapat peningkatan kualitas pembelajaran ketika diterapkannya model PjBL. Hal ini ditunjukan dengan skor rata-rata observasi guru sebesar 77,89%, skor rata-rata observasi siswa sebesar 78,33%, peningkatan skor pre-test ke pos-test sebesar 27%, dan presentase rata-rata skor angket guru sebesar 82% dan presentase rata-rata skor angket siswa 84%.

Kata Kunci: Pemecahan Masalah, Sumber Energi, Model *Project Based Learning*

ABSTRACT
SOLVING ENERGY RESOURCES PROBLEMS IN CLASS IV
ELEMENTARY SCHOOL STUDENTS USING THE PROJECT BASED
LEARNING MODEL

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This study aims to determine the problem solving of energy sources in fourth grade elementary school students using the project based learning model. The research method used is descriptive qualitative. The subjects in this study were students of grade IV SDN in the city of Cimahi with a total of 30 students consisting of 14 female students and 17 male students. The instruments used were observation sheets, teacher and student response sheets as well as energy source problem solving problems. The results showed that there was an increase in the quality of learning when the model was applied. This is shown by the teacher's average observation score of 77.89%, the average score of student observations of 78.33%, an increase in the pre-test score to the post-test by 27%, and the percentage of the teacher's questionnaire score of 82% and the percentage of student questionnaire scores was 84%.

Keywords: Problem Solving, Energy Sources, Project Based Learning Model