**ABSTRAK**

**Maylinda, Siska.** 40220021. 2024. Efektivitas Model Pembelajaran *Problem Based Learning* (PBL) Berbantuan Video Pembelajaran terhadap Kemampuan Pemecahan Masalah Matematika dan Motivasi Belajar Siswa SD. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Universitas Peradaban. **Eka Trisnawati, M.Pd.**

**Kata Kunci:** PBL, Video Pembelajaran, Pemecahan Masalah Matematika, Motivasi Belajar.

Rendahnya kemampuan pemecahan masalah matematika dan motivasi belajar siswa diakibatkan kurangnya penggunaan model pembelajaran, serta masih terdapat siswa yang mendapatkan nilai di bawah KKM. Penelitian ini bertujuan untuk mengetahui pengaruh serta peningkatan kemampuan pemecahan masalah matematika dan motivasi belajar siswa melalui penerapan model pembelajaran PBL berbantuan video pembelajaran. Jenis penelitian ini kuantitatif *Pre Experimental*, dengan desain *one group pretes posttes*. Populasi dalam penelitian ini adalah seluruh siswa kelas III SD Negeri di Desa Jatisawit. Teknik pengambilan sampel yang digunakan adalah *Cluster Random Sampling*. Sampel penelitiannya adalah siswa kelas III SD Negeri Jatisawit 01. Teknik pengumpulan data menggunakan tes, observasi, wawancara, angket, dan dokumentasi. Analisis data menggunakan uji *Paired Sample T-test* (Uji t) dan uji N-Gain. Hasil penelitian diperoleh nilai sig. sebesar 0,000 < 0,05 pada uji paired kemampuan pemecahan masalah matematika dan nilai sig. sebesar 0,000 < 0,05 pada uji paired motivasi belajar. Hasil uji N-Gain diperoleh rata-rata kemampuan pemecahan masalah matematika sebesar 0,6197 dan rata-rata motivasi belajar sebesar 0,6838 yang termasuk dalam kategori sedang berdasarkan kriteria N-Gain 0,30 < N-gain < 0,70. Artinya, penggunaan model pembelajaran PBL berbantuan video pembelajaran berpengaruh serta dapat meningkatkan kemampuan pemecahan masalah matematika dan motivasi belajar siswa.

**ABSTRACT**

**Maylinda, Siska**. 40220021. 2024. The Effectiveness of the Problem Based Learning (PBL) Model Assisted by Learning Videos on Elementary School Students Mathematical Problem Solving Skills and Learning Motivation. Thesis. Elementary School Teacher Education Program. Peradaban University. **Eka Trisnawati, M.Pd.**

**Keywords:** PBL, Learning Videos, Mathematical Problem Solving, Learning Motivation.

The low mathematical problem solving skills and learning motivation of the students were caused by the lack of the use of learning models, and there were still students who received scores below the Minimum Completion Criteria (KKM). This research aimed to determine the effect and improvement of mathematical problem solving skills and students learning motivation through the implementation of the PBL learning model assisted by video learning. This study was a quantitative Pre Experimental research with a one group pretest posttest design. The population of this study consisted of all third grade students at the Jatisawit Village Elementary School. The sampling technique used was cluster random sampling. The research sample was the third grade students of Jatisawit 01 Elementary School. Data collection techniques included tests, observations, interviews, questionnaires, and documentation. Data analysis utilized the Paired Sample T-test and N-Gain test. The research results showed a significance value of 0,000 < 0,05 in the paired test for mathematical problem-solving skills and a significance value of 0,000 < 0,05 in the paired test for learning motivation. The N-Gain test results revealed an average mathematical problem solving ability of 0,6197 and an average learning motivation of 0,6838, which fell into the medium category based on the N-Gain criteria of 0,30 < N-gain < 0,70. This meant that the use of the PBL learning model assisted by video learning had an effect and could improve the mathematical problem solving skills and learning motivation of the students.