ABSTRAK

**Tias, Anissa Ning.** 2024. *Pengaruh Model PBL Berbantuan Media Lottery Card terhadap Kemampuan Pemecahan Masalah Pada Soal Cerita Matematika Siswa SD Kelas IV di Desa Glempang Kecamatan Pekuncen,* Program Studi Pendidikan Guru Sekolah Dasar, Universitas Peradaban. Dosen Pembimbing: Anwar Ardani, M.Pd.

**Kata Kunci**: Model PBL, Media *Lottery Card,* Kemampuan Pemecahan Masalah, Soal Cerita

Penelitian ini dilakukan di kelas IV SD di Desa Glempang. Yang menjadi permasalahan dalam penelitian ini adalah kemampuan pemecahan masalah siswa yang masih rendah yang disebabkan oleh faktor internal dan faktor eksternal. Penelitian ini bertujuan untuk mengetahui apakah ada pengaruh model PBL berbantuan media pembelajaran *Lottery Card* pada soal cerita mata pelajaran matematika siswa kelas IV SD. Populasi pada penelitian ini yaitu seluruh kelas IV siswa SD di Desa Glempang, sedangkan sampel pada penelitian ini adalah kelas IV SD N 1 Glempang dan SD N 2 Glempang. Penelitian ini menggunakan pendekatan kuantitatif dengan desain penelitian *quasi-experiment* dan dengan jenis *pretest-posttest with non-equivalent control-group design.* Teknik pengambilan data pada penelitian ini menggunakan observasi, wawancara, tes, dan dokumentasi. Teknik analisis data yang digunakan yaitu menggunakan *Independent Sample t-test.* Hasil penelitian menunjukkan bahwa pada pertemuan pertama diperoleh skor rata-rata sebesar 2,63. Pada pertemuan kedua, terjadi peningkatan menjadi 2,86. Pada pertemuan ketiga, terjadi peningkatan lagi sebesar 3,14. Sedangkan pada pertemuan keempat, terjadi peningkatan lagi menjadi 3,58. Hasil *posttest* pada kelas eksperimen dan kelas kontrol diperoleh hasil uji rata-rata menunjukkan bahwa nilai thitung = 2,924 > ttabel = 2,032, sehingga H0 ditolak dan H1 diterima yang artinya keterlaksanaan model PBL berbantuan media *Lottery Card* dapat berpengaruh terhadap kemampuan pemecahan masalah siswa SD.

***ABSTRACT***

***Tias, Anissa Ning****. 2024. The Influence of the PBL Model Assisted by Lottery Card* Media on Problem Solving Abilities in Mathematics Story Problems for Class IV Elementary School in Glempang Village, Pekuncen District, Elementary School Teacher Education Study Program, Peradaban University, Supervisor: Anwar Ardani, M.Pd

***Keywords:*** *PBL Model, Lottery Card Media, Problem Solving Ability, Story Questions*

*This research was conducted in class IV elementary school in Glempang Village. The* problem in this research was that student’s problem solving abilities were still low which was caused by internal and external factors. This research aims to find out whether there was a difference between the experimental class and the control class regarding problem solving abilities after using the PBL model assisted by Lottery Card learning media with conventional learning model on story problems in mathematics for fourth grade elementary school students. The population in this research was all class IV elementary school students in Glempang Village, while the sample in this research class IV SD N 1 Glempang and SD N 2 Glempang. This research uses a quantitative approach with a quasi-experiment research design and with the type pretest-posttest with non-equivalent control-group design. Data collection techniques in this research used observation, interviews, tests, and documentation. The data analysis technique used the independent sample t-test. The results of the research show that there was a difference between the application of the PBL learning model assisted by Lottery Card learning media on the problem solving abilities of elementary school students mathematics story problems. This was proven by calculating the hypothesis test using the independent sample t-test, where after conducting the research, the results obtained were tcount 2,924 > ttable 2,032, which means there was a difference between the application of the PBL learning model assisted by Lottery Card learning media on problem solving abilities in mathematics story problems.