

## ABSTRAK

Robbi Alfianisnaini Muslimin. 2024. *Efektivitas Model Problem Based Learning Berbantuan Media Pop Up Book Terhadap Kemampuan Kognitif IPAS Siswa Kelas IV Se-Kelurahan Mangkujayan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas PGRI Madiun. Pembimbing (I) Octarina Hidayatus Sholikhah, S.Pd., M.Pd. , (II) Candra Dewi, S.Pd., M.Pd.

Kemampuan kognitif merupakan suatu kemampuan berupa transformasi pengetahuan yang timbul karena pembelajaran hingga hasil akhirnya berupa peningkatan nilai. Tujuan penelitian ini yaitu untuk mengetahui efektivitas model problem based learning berbantuan media pop up book terhadap kemampuan kognitif IPAS siswa kelas IV. Populasi yang digunakan peneliti yaitu siswa kelas IV Se-Kelurahan Mangkujayan. Penelitian ini menggunakan pendekatan kuantitatif dan jenis penelitian quasi experiment dengan desain pre-test post-test control. Teknik pengambilan sampel menggunakan cluster random sampling. Sampel yang digunakan yaitu 60 siswa kelas IV SDN 1 Mangkujayan. Siswa kelas B yang berjumlah 30 sebagai kelompok eksperimen. Sementara kelas IV C berjumlah 30 siswa sebagai kelompok kontrol. Pada kelas eksperimen peneliti menggunakan model PBL dan media pembelajaran pop up book. Sementara kelas kontrol pembelajaran model ceramah. Instrumen yang digunakan tes dan dokumentasi. Tes terbagi dalam dua tahap, yaitu pre-test dan post-test. Teknik analisis data menggunakan uji normalitas, uji homogenitas dilanjut uji keseimbangan dan uji hipotesis. Hasil penelitian diperoleh  $t$  hitung  $2,384 > t$  tabel  $2,001$  sehingga  $H_1$  diterima dan  $H_0$  ditolak. Sehingga model PBL berbantuan media pop up book efektif terhadap kemampuan kognitif IPAS siswa kelas IV.

Kata Kunci: Sekolah Dasar, Pembelajaran berbasis Masalah, Buku Pop Up

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Cognitive ability is a capability involving the transformation of knowledge that arises from learning, culminating in an increase in value. The aim of this research is to determine the effectiveness of the problem-based learning model assisted by pop-up book media on the cognitive abilities of fourth-grade IPAS students. The population used by the researchers was fourth-grade students from all of Mangkujayan Village. This research uses a quantitative approach and the type of quasi-experimental research with a pre-test post-test control design. The sampling technique used was cluster random sampling. The sample used consisted of 60 fourth-grade students from SDN 1 Mangkujayan. Class B, with 30 students, served as the experimental group, while Class IV C, with 30 students, served as the control group. In the experimental class, the researchers used the PBL model and pop-up book learning media, while the control class used the lecture learning model. The instruments used were tests and documentation. The tests were divided into two stages: pre-test and post-test. The data analysis technique used normality tests, homogeneity tests, followed by balance tests and hypothesis tests. The research results showed a t-value of  $2.384 > t\text{-table value of } 2.001$ , so  $H_1$  was accepted, and  $H_0$  was rejected. Therefore, the PBL model assisted by pop-up book media is effective on the cognitive abilities of fourth-grade IPAS students.

Keywords: Elementary School, Problem Based Learning, Pop Up Book