

Navinatul Qodryana, 2024. Pengaruh Model *Project Based Learning* Berbantuan Media Balok Terhadap Kemampuan Berpikir Logis Matematis Anak. Skripsi, Program Studi Pendidikan Guru Pendidikan Anak Usia Dini, Jurusan Ilmu Pendidikan, Fakultas Keguruan Dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Siti Fadryana Fitroh, S.Psi., M.A.

ABSTRAK

Kurangnya pembelajaran yang berorientasi pada pendekatan pembelajaran kontekstual yang sesuai dengan karakteristik anak menyebabkan rendahnya kemampuan berpikir logis matematis yang dimiliki oleh anak. Penelitian ini bertujuan untuk meningkatkan kemampuan berpikir logis matematis anak melalui penerapan model pembelajaran *project based learning* berbantuan media balok pada anak TK PGRI 2 Blega. Penelitian ini merupakan jenis penelitian kuantitatif desain eksperimen. Subjek penelitian ini berjumlah 31 siswa, yang terdiri dari 17 siswa sebagai kelompok eksperimen dan 14 siswa sebagai kelas kontrol. Data hasil penelitian dikumpulkan dengan menggunakan observasi dan dokumentasi. Data dalam penelitian ini menggunakan analisis data eksperimen, uji validitas, dan uji reliabilitas. Hasil penelitian menunjukkan bahwa terdapat perbedaan signifikan dimana nilai rata-rata *posttest* pada kelas eksperimen lebih tinggi dari pada nilai rata-rata kelas kontrol. Hal ini dibuktikan dengan hasil pengujian Wilcoxon sebagai uji hipotesis. Dari hasil *wilcoxon signed test* didapatkan nilai Z sebesar 5.326 dan nilai *asympt sig. (2-tailed)* 0.01 lebih kecil dari 0,05. Hasil penelitian ini menyimpulkan bahwa ada pengaruh model *project based learning* berbantuan media balok terhadap kemampuan berpikir logis matematis anak TK PGRI 2 Blega.

Kata kunci : berpikir logis matematis, project based learning, anak usia dini

Navinatul Qodryana, 2024. The Effect of the Project Based Learning Model Assisted by Block Media on Children's Mathematical Logical Thinking Ability. Thesis, Early Childhood Education Teacher Education Study Program, Department of Education, Faculty of Teacher Training and Education, Trunojoyo Madura University. Supervisor : Siti Fadjryana Fitroh, S.Psi., M.A.

ABSTRAK

The lack of learning that is oriented towards a contextual learning approach that suits children's characteristics causes children's low ability to think mathematically logically. This research aims to improve children's mathematical logical thinking abilities through the application of the project based learning model assisted by block media in PGRI 2 Blega Kindergarten children. This research is a type of quantitative experimental design research. The subjects of this research were 31 students, consisting of 17 students as the experimental group and 14 students as the control class. Research data was collected using observation and documentation. The data in this research was experimental data analysis, validity tests and reliability tests. The results of the research show that there is a significant difference where the average posttest score in the experimental class is higher than the average score in the control class. This is proven by the results of the Wilcoxon test as a hypothesis test. From the results of the Wilcoxon signed test, the Z value was 5.326 and the asymp value was sig. (2-tailed) 0.01 is smaller than 0.05. The results of this research conclude that there is an influence of the project based learning model assisted by block media on the mathematical logical thinking abilities of PGRI 2 Blega Kindergarten children.

Keywords : *mathematical logical thinking, project-based learning, early childhood*