

Mazidatul Ilmiyah. 2026. *Pengembangan Media Number Smart Box Dalam Menstimulus Kemampuan Berpikir Simbolik Anak Usia 4-5 Tahun*. Skripsi, Program Studi Pendidikan Guru Pendidikan Anak Usia Dini, Jurusan Ilmu Pendidikan, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Tarich Yuandana, S.Pd., M.Pd.

### ABSTRAK

Penelitian ini bertujuan untuk menstimulus kemampuan berpikir simbolik anak usia 4-5 tahun melalui pengujian kelayakan dan efektivitas media *number smart box* yang dikembangkan. Metode yang digunakan adalah *Research and Development* (R&D) dengan model ADDIE (*Analysis, Design, Development, Implementation, and Evaluation*). Subjek penelitian dan pengembangan yaitu anak usia 4-5 tahun dengan jumlah keseluruhan 46 anak di UPTD TK Negeri Pembina Pejagan yang terbagi dalam uji coba kelompok kecil, sedang, dan besar. Data dikumpulkan melalui observasi, wawancara, angket, dan tes *pretest-posttest*. Hasil penelitian dan pengembangan menunjukkan bahwa media *number smart box* dari ahli media sebesar 92% dan ahli materi sebesar 92,5% dengan kategori “Sangat layak”, uji coba kelompok kecil sebesar 87% dengan kategori “Layak”, uji coba kelompok sedang sebesar 90% dengan kategori “Sangat layak”. Untuk mengetahui hasil efektivitas, digunakan uji nonparametrik uji wilcoxon. Berdasarkan hasil uji wilcoxon dengan taraf signifikansi 5% diperoleh hasil Asymp. Sig. (2-tailed) bernilai 0,001 ( $< 0,05$ ), sehingga  $H_a$  diterima. Berdasarkan hasil penelitian dan pengembangan yang telah dilaksanakan dapat disimpulkan bahwa media *number smart box* memenuhi kriteria kelayakan dan terbukti efektif untuk digunakan dalam menstimulus kemampuan berpikir simbolik anak.

**Kata Kunci:** Media Pembelajaran, Berpikir Simbolik, *Number Smart Box*

*Mazidatul Ilmiyah. 2026. Development of Smart Box Number Media in Stimulating the Symbolic Thinking Ability of Children Aged 4-5 Years. Thesis, Early Childhood Education Teacher Education Study Program, Department of Education, Faculty of Teacher Training and Education, Trunodjoyo Madura University. Supervisor: Tarich Yuandana, S.Pd., M.Pd.*

### **ABSTRACT**

*This research aims to stimulate the symbolic thinking ability of children aged 4-5 years through testing the feasibility and effectiveness of the developed smart box number media . The method used is Research and Development (R&D) with the ADDIE (Analysis, Design, Development, Implementation, and Evaluation) model. The subjects of the research and development are children aged 4-5 years with a total of 46 children at UPTD TK Negeri Pembina Pejagan which is divided into small, medium, and large group trials. Data was collected through observation, interviews, questionnaires, and pretest-posttest tests. The results of research and development showed that the media number smart box from media experts was 92% and material experts were 92.5% in the "Very feasible" category, 87% in the small group trial with the "Feasible" category, and 90% in the medium group trial in the "Very feasible" category. To determine the effectiveness results, the nonparametric test of the wilcoxon test was used. Based on the results of the wilcoxon test with a significance level of 5%, the results of Asymp were obtained. Sig. (2-tailed) is worth 0.001 ( $< 0.05$ ), so  $H_a$  is accepted. Based on the results of the research and development that has been carried out, it can be concluded that the smart box media number meets the eligibility criteria and has proven to be effective in stimulating children's symbolic thinking skills.*

**Keywords:** *Learning Media, Symbolic Thinking, Number Smart Box*