

PENGEMBANGAN MEDIA *MAGIC BOX* BERBASIS PENDEKATAN KONTEKSTUAL MUATAN PELAJARAN MATEMATIKA MATERI BANGUN DATAR KELAS IV DI SD NEGERI 1 PENATIH

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ABSTRAK

Penelitian yang dilaksanakan ini bertujuan (1) untuk mengetahui rancang bangun media *Magic Box* berbasis pendekatan kontekstual muatan Pelajaran matematika materi bangun datar pada siswa kelas IV SD Negeri 1 Penatih, (2) mengetahui kelayakan media *Magic Box* berbasis pendekatan kontekstual muatan Pelajaran matematika materi bangun datar pada siswa kelas IV SD Negeri 1 Penatih, (3) serta untuk mengetahui efektivitas media *Magic Box* berbasis pendekatan kontekstual muatan Pelajaran matematika materi bangun datar pada siswa kelas IV SD Negeri 1 Penatih. Penelitian ini merupakan penelitian pengembangan dengan menggunakan model pengembangan ADDIE. Metode pengumpulan data yang digunakan yaitu tes objektif serta kuesioner, sedangkan teknik analisis data yang digunakan yaitu kualitatif dan kuantitatif. Hasil penelitian adalah (1) Rancang bangun media *Magic Box* berbasis pendekatan kontekstual sesuai dengan tahapan pengembangan ADDIE, (2) kelayakan media *Magic Box* menunjukkan hasil uji ahli isi muatan pelajaran matematika sebesar 91,66% (**Sangat Baik**), uji ahli desain pembelajaran sebesar 93,75% (**Sangat Baik**), uji ahli media pembelajaran sebesar 93,33% (**Sangat Baik**), uji coba perorangan sebesar 91,66% (**Sangat Baik**), dan uji coba kelompok kecil sebesar 90,95% (**Sangat Baik**). Dengan demikian hasil uji tersebut dapat dinyatakan bahwa media *Magic Box* berbasis pendekatan kontekstual layak untuk digunakan. (3) Hasil uji efektivitas yang dianalisis dengan menggunakan statistik inferensial teknik uji-t memperoleh hasil $t_{hitung} = 11,565$ untuk $db = 33$ dan taraf signifikansi 5% $t_{tabel} = 2,037$, maka diperoleh H_0 ditolak dan H_a diterima, sehingga dapat dinyatakan bahwa nilai *post-test* siswa lebih dari nilai KKTP. Dengan demikian hasil penelitian ini menunjukkan bahwa media *Pop Up Book* Berbasis Pendekatan Kontekstual efektif digunakan pada Muatan Pelajaran Matematika Materi Bangun Datar pada siswa kelas IV SD Negeri 1 Penatih.

Kata Kunci: *Magic Box*, Pendekatan Kontekstual, Matematika, Bangun Datar.

**DEVELOPMENT OF MAGIC BOX MEDIA BASED ON A CONTEXTUAL
APPROACH MATHEMATICS LESSON CONTENT FLAT BUILT
MATERIAL CLASS IV AT SD NEGERI 1 PENATIH**

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ABSTRACT

The research carried out aims to (1) for find out the design of Magic Box media based on a contextual approach to the content of mathematics lessons with flat shape material for fourth grade students at SD Negeri 1 Penatih, (2) to find out the feasibility of Magic Box media based on a contextual approach to the content of mathematics lessons with flat shape material on fourth grade students at SD Negeri 1 Penatih, (3) as well as to determine the effectiveness of the Magic Box media based on a contextual approach to the content of mathematics lessons on flat figures for fourth grade students at SD Negeri 1 Penatih. This research is development research using the ADDIE development model. The data collection methods used are objective tests and questionnaires, while the data analysis techniques used are qualitative and quantitative. The results of the research are (1) The design of the contextual approach-based Magic Box media in accordance with the ADDIE development stages, (2) the feasibility of the Magic Box media shows that the results of the expert test on the content of mathematics lessons were 91.66% (Very Good), the learning design expert test was 91.66% 93.75% (Very Good), learning media expert test of 93.33% (Very Good), individual trial of 91.66% (Very Good), and small group trial of 90.95% (Very Good) . Thus, the test results can be stated that Magic Box media based on a contextual approach is suitable for use. (3) The results of the effectiveness test which were analyzed using inferential statistics using the t-test technique obtained tcount = 11.565 for db = 33 and a significance level of 5% ttable = 2.037, so it was obtained that H0 was rejected and Ha was accepted, so it can be stated that the post-test value students more than the KKTP value. Thus, the results of this research indicate that the Pop Up Book media based on a contextual approach is effectively used in mathematics lesson content with flat-rise material for fourth grade students at SD Negeri 1 Penatih.

Keywords: Magic Box, Kontextual Approach, Matematika, Two-dimentional Figure.