

**PENGEMBANGAN MEDIA *ACCORDION BOOK* BERORIENTASI
CERITA PETUALANGAN PADA MUATAN IPA MATERI WUJUD ZAT
DAN PERUBAHANNYA UNTUK MENINGKATKAN HASIL BELAJAR
SISWA KELAS IV SD**

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ABSTRAK

Penelitian pengembangan ini memiliki empat tujuan; (1) menghasilkan rancang bangun media *accordion book* berorientasi cerita petualangan, (2) menganalisis validitas hasil pengembangan media *accordion book* berorientasi cerita petualangan, (3) menganalisis kepraktisan media *accordion book* berorientasi cerita petualangan melalui respon guru dan siswa, (4) menganalisis efektivitas media *accordion book* berorientasi cerita petualangan terhadap hasil belajar siswa kelas IV SD. Studi pengembangan ini mempergunakan model ADDIE, yang tersusun atas lima tahapan, yaitu; (1) analisis, (2) perancangan, (3) pengembangan, (4) implementasi, dan (5) evaluasi. Subjek dalam pengembangan ini adalah media pembelajaran *accordion book*, objek pengembangan ini adalah kelayakan, kepraktisan, dan efektivitas media pembelajaran *accordion book*, kemudian subjek dari penelitian ini adalah siswa kelas IV SD, dan objek uji coba penelitian ini adalah hasil belajar muatan IPA materi wujud zat dan perubahannya. Metode pengumpulan data yang digunakan dalam penelitian ini adalah metode observasi, wawancara, dan metode test Instrumen yang dipergunakan dalam pengumpulan data, yaitu lembar angket/kuisisioner. Hasil penelitian menunjukkan bahwa; (1) media *accordion book* yang telah dihasilkan memperoleh indeks validitas sebesar 0,96 dengan kualifikasi validitas isi tinggi, (2) materi pada media *accordion book* yang telah dihasilkan memperoleh indeks validitas sebesar 0,94 dengan kualifikasi validitas isi tinggi, tingkat pencapaian respon guru terhadap media *accordion book* 95% dengan kualifikasi sangat baik dan tingkat pencapaian respon siswa mencapai 97,64% dengan kualifikasi sangat baik, (3) nilai signifikansi (*2-tailed*) pada uji-t berkorelasi memperoleh skor sebesar 0,00 atau $p < 0,05$ (taraf signifikansi 5%), sehingga media *accordion book* efektif untuk meningkatkan hasil belajar siswa kelas IV SD.

Kata-kata kunci: Pengembangan, Media, *Accordion Book*, Hasil Belajar

**DEVELOPMENT OF ACCORDION BOOK MEDIA ORIENTED ON
ADVENTURE STORIES ON SCIENCE CONTENT, MATERIALS, FORM
OF SUBSTANCE AND THEIR CHANGES TO IMPROVE LEARNING
OUTCOMES OF CLASS IV PRIMARY STUDENTS**

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ABSTRACT

This development research has four objectives; (1) produce a design for adventure story-oriented accordion book media, (2) analyze the validity of the results of the development of adventure story-oriented accordion book media, (3) analyze the practicality of adventure story-oriented accordion book media through teacher and student responses, (4) analyze the effectiveness of the media. The accordion book focuses on adventure stories regarding the learning outcomes of fourth grade elementary school students. This development study uses the ADDIE model, which is composed of five stages, namely; (1) analysis, (2) design, (3) development, (4) implementation, and (5) evaluation. The subject of this development is the accordion book learning media, the object of this development is the feasibility, practicality and effectiveness of the accordion book learning media, then the subjects of this research are fourth grade elementary school students, and the object of this research trial is the results of learning science content material on the form of substances and the changes. The data collection methods used in this research are observation, interviews and test methods. The instrument used in data collection was a questionnaire/questionnaire sheet. The research results show that; (1) the accordion book media that has been produced obtains a validity index of 0.96 with high content validity qualifications, (2) the material in the accordion book media that has been produced obtains a validity index of 0.94 with high content validity qualifications, the level of teacher response achievement towards accordion book media 95% with very good qualifications and the achievement level of student responses reached 97.64% with very good qualifications, (3) the significance value (2-tailed) in the t-test obtained a score of 0.00 or $p < 0, 05$ (significance level 5%), so that the accordion book media is effective in improving the learning outcomes of fourth grade elementary school students.

Key words: Development, Media, Accordion Book, Learning Outcomes