

PENGEMBANGAN MEDIA *ACCORDION BOOK* BERORIENTASI *TRIHITA KARANA* PADA PEMBELAJARAN IPAS KELAS V SD UNTUK MENINGKATKAN KETERAMPILAN PROSES SAINS DAN SIKAP SOSIAL

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ABSTRAK

Penelitian ini bertujuan untuk menghasilkan media *Accordion Book* berorientasi *THK* yang valid, praktis, dan efektif untuk meningkatkan keterampilan proses sains dan sikap sosial. Penelitian pengembangan ini menggunakan model ADDIE dengan tahapan: (1) *analyze*, (2) *design*, (3) *development*, (4) *implementation*, dan (5) *evaluation*. Validitas diukur menggunakan uji ahli dan ahli materi. Kepraktisan media dinilai oleh 10 orang guru dan 22 orang siswa. Uji keefektifan dilakukan melalui uji MANOVA. Hasil penelitian menunjukkan bahwa: 1) rata-rata keseluruhan hasil uji validasi media termasuk dalam kriteria valid; 2) rata-rata keseluruhan hasil uji validasi materi termasuk dalam kriteria valid; 3) rata-rata keseluruhan hasil uji kepraktisan guru mencapai persentase 98,33% dan rata-rata keseluruhan hasil uji kepraktisan siswa mencapai persentase 98,18%; 4) uji efektivitas dari hasil uji MANOVA yang menunjukkan nilai statistik sebesar 0,001 nilai tersebut lebih kecil dari taraf signifikansi 0,05, dengan demikian H_0 ditolak dan H_1 diterima. Terdapat perbedaan keterampilan proses sains dan sikap sosial secara bersama-sama antara siswa yang belajar dengan media *Accordion Book* berorientasi *THK* dan media pembelajaran konvensional. Hasil uji *Test of Between-Subjects Effects* dengan angka signifikansi yang diperoleh, yaitu 0,001 lebih kecil dari taraf signifikansi yang ditetapkan, yaitu 0,05. Terdapat perbedaan keterampilan proses sains antara siswa yang belajar dengan media *Accordion Book* berorientasi *THK* dan siswa yang belajar dengan media konvensional. Begitu pula, terdapat perbedaan sikap sosial antara siswa yang belajar dengan media *Accordion Book* berorientasi *THK* dan siswa yang belajar dengan media konvensional. Hasil ini mencerminkan bahwa penerapan media *Accordion Book* berorientasi *THK* efektif diterapkan untuk meningkatkan keterampilan proses sains dan sikap sosial siswa.

Kata-kata kunci: media pembelajaran, accordion-book, keterampilan proses sains, sikap sosial

**A TRI HITA KARANA ORIENTED ACCORDION BOOK TO IMPROVE
SCIENCE PROCESS SKILLS AND SOCIAL ATTITUDES OF FIFTH
GRADE ELEMENTARY SCHOOL STUDENTS**

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ABSTRACT

The aim of this study is to produce the Accordion Book media that oriented which THK valid, practice, and effective to increase science process skills and social attitudes. This development research used ADDIE model which used stage such as: (1) analyze, (2) design, (3) development, (4) implementation, and (5) evaluation. Validity was measured by used expert and material expert tests. The practicality of the media was assessed by 10 teachers and 22 students. The effectiveness test was carried out through the MANOVA test. The research results of this research show that: 1) The overall average of the media validation test results is included in the valid criteria; 2) The overall average of the material validation test results was included in the valid criteria; 3) The overall average of teacher practicality test results reached a percentage of 98.33% and the overall average of student practicality test results reached a percentage of 98.18%; 4) The effectiveness test from the MANOVA test results which shows a statistical value of 0.001, this value was smaller than the significance level of 0.05, thus H_0 was rejected and H_1 was accepted. There were differences in science process skills and social attitudes together between students who study with THK-oriented Accordion Book media and conventional learning media. Likewise, there were differences in social attitudes between students who study with THK-oriented Accordion Book media and students who study with conventional media. These results were reflected that the application of the THK-oriented Accordion Book media was effective in improving students' science process skills and social attitudes.

Keywords: learning media, accordion book, science process skills, social attitude.