

ABSTRAK

RIANA ROSINTA MARITO HUTAPEA. Pengembangan Bahan Ajar Sains *Mini Book* Pada Materi Perubahan Wujud Benda Di Kelas IV SD Swasta Pelangi Medan. Skripsi. Medan : Fakultas Ilmu Pendidikan. Universitas Negeri Medan. 2026.

Pembelajaran IPAS pada materi perubahan wujud benda di sekolah dasar memerlukan bahan ajar yang mampu membantu siswa memahami konsep secara jelas dan menarik. Namun berdasarkan hasil observasi di SD Swasta Pelangi Medan, bahan ajar yang digunakan masih terbatas pada buku teks dan Lembar Kerja Peserta Didik (LKPD), sehingga penyajian materi kurang menarik dan belum didukung oleh media pembelajaran yang variatif. Selain itu, keterbatasan sarana seperti tidak tersedianya proyektor menyebabkan pemanfaatan bahan ajar berbasis teknologi belum dapat dilakukan secara optimal. Penelitian ini bertujuan untuk mengetahui validitas, praktikalitas, dan efektivitas bahan ajar Sains Mini Book berbasis Canva pada materi perubahan wujud benda di kelas IV SD Swasta Pelangi Medan. Penelitian ini merupakan penelitian dan pengembangan (Research and Development) dengan menggunakan model ADDIE yang terdiri dari tahap analysis, design, development, implementation, dan evaluation. Subjek penelitian adalah siswa kelas IV SD Swasta Pelangi Medan yang berjumlah 20 orang. Teknik pengumpulan data menggunakan observasi, wawancara, angket, tes, dan dokumentasi. Hasil penelitian menunjukkan bahwa bahan ajar Sains Mini Book memperoleh persentase validasi dari ahli media sebesar 86%, ahli materi sebesar 90%, praktisi pendidikan sebesar 96%, serta respons siswa sebesar 97,4% dengan rata-rata keseluruhan sebesar 92,35% yang termasuk dalam kategori sangat layak. Dengan demikian, bahan ajar Sains Mini Book berbasis Canva dinyatakan valid, praktis, dan efektif sehingga layak digunakan dalam pembelajaran IPAS pada materi perubahan wujud benda di kelas IV sekolah dasar.

Kata kunci: bahan ajar, sains mini book, perubahan wujud benda, ADDIE.

ABSTRACT

RIANA ROSINTA MARITO HUTAPEA. Development of a Science Mini Book Teaching Material on the Topic of Changes in the States of Matter in Grade IV of SD Swasta Pelangi Medan. Skripsi. Medan: Faculty of Education. State University of Medan. 2026.

Science and Social Studies (IPAS) learning on the topic of changes in the states of matter in elementary schools requires teaching materials that can help students understand concepts clearly and in an engaging way. However, based on the results of observations at SD Swasta Pelangi Medan, the teaching materials used are still limited to textbooks and Student Worksheets (LKPD), so the presentation of the material is less interesting and is not supported by varied learning media. In addition, limited facilities such as the unavailability of projectors cause the use of technology-based teaching materials to not be implemented optimally. This study aims to determine the validity, practicality, and effectiveness of Canva-based Science Mini Book teaching materials on the topic of changes in the states of matter in grade IV of SD Swasta Pelangi Medan. This research is a Research and Development (R&D) study using the ADDIE model which consists of the stages of analysis, design, development, implementation, and evaluation. The subjects of this study were 20 fourth-grade students of SD Swasta Pelangi Medan. The data collection techniques used were observation, interviews, questionnaires, tests, and documentation. The results showed that the Science Mini Book teaching material obtained a validation percentage of 86% from media experts, 90% from material experts, 96% from education practitioners, and a student response percentage of 97.4%, with an overall average of 92.35% which is categorized as very feasible. Therefore, the Canva-based Science Mini Book teaching material is declared valid, practical, and effective so that it is feasible to be used in IPAS learning on the topic of changes in the states of matter in grade IV of elementary school.

Keywords: teaching materials, science mini book, changes in the states of matter, ADDIE.