

ABSTRAK

SHANTI ANDRIA CHAIRANI. 8226182014. Pengembangan Buku Ajar Berbasis *Case Method* Pada Materi Ekosistem Untuk Meningkatkan Hasil Belajar IPAS Siswa Kelas V SDN 107103 Lantasan Baru Kec. Patumbak. Tesis. Pendidikan Dasar Program Pascasarjana Universitas Negeri Medan.

Penelitian ini bertujuan untuk mendeskripsikan: 1) Kelayakan, Kepraktisan dan Keefektifan buku ajar berbasis *case method* pada materi ekosistem untuk meningkatkan hasil belajar IPA Siswa Kelas V SDN 107103 Lantasan Baru Kec. Patumbak yang dikembangkan. 2) Peningkatan kemampuan pemecahan masalah siswa pada materi bangun datar khususnya persegi, segitiga dan persegi panjang. Penelitian ini merupakan penelitian pengembangan dengan menggunakan model 4-D (*Define, Design, Develop, Disseminate*) yang dilaksanakan di kelas V SDN 107103 Lantasan Baru Kec. Patumbak. Adapun teknik pengumpulan data yang digunakan yakni melalui observasi, angket dan penilaian hasil belajar. Adapun hasil penelitian yang diperoleh yakni: 1) Modul yang dikembangkan telah dikategorikan Valid berdasarkan hasil validasi oleh ahli materi, media dan desain, 2) Buku ajar berbasis *case method* pada materi ekosistem yang dikembangkan dikategorikan praktis, berdasarkan hasil angket respon siswa dan analisis keterlaksanaan pembelajaran, 3) Buku ajar yang dikembangkan efektif dalam meningkatkan hasil belajar IPA Siswa Kelas V SDN 107103 Lantasan Baru Kec. Patumbak dilihat dari peningkatan skor yang diperoleh siswa sebelum dan sesudah menggunakan buku ajar yang dikembangkan yang dilihat melalui hasil pre test dan post test, 4) Berdasarkan pengujian yang dilakukan, dinyatakan buku ajar berbasis *case method* yang dikembangkan berpengaruh terhadap hasil belajar siswa.

Kata kunci : Pengembangan Buku Ajar, *Case Method*, Model 4D, Ekosistem, IPA



ABSTRACT

SHANTI ANDRIA CHAIRANI. 8226182014. Development Textbooks based of Case Method on Ecosystem Material to Improve Science Learning Outcomes of Fifth Grade Students of SDN 107103 Lantasan Baru Kec. Patumbak. Thesis. Elementary Education Postgraduate Program, State University of Medan.

This study aims to describe: 1) Feasibility, Practicality and Effectiveness of case method-based textbooks on ecosystem material to improve science learning outcomes of Fifth Grade Students of SDN 107103 Lantasan Baru Kec. Patumbak that were developed. 2) Improving students' problem-solving abilities on flat shape material, especially squares, triangles and rectangles. This study is a development research using the 4-D model (Define, Design, Develop, Disseminate) which was implemented in fifth grade students of SDN 107103 Lantasan Baru Kec. Patumbak. The data collection techniques used were through observation, questionnaires and assessment of learning outcomes. The research results obtained are: 1) The developed book has been categorized as Valid based on the validation results by material, media and design experts, 2) The case method-based textbook on the ecosystem material developed is categorized as practical, based on the results of the student response questionnaire and analysis of the implementation of learning, 3) The developed textbook is effective in improving the science learning outcomes of Class V Students of SDN 107103 Lantasan Baru Kec. Patumbak as seen from the increase in scores obtained by students before and after using the developed textbook which is seen through the results of the pre-test and post-test, 4) Based on the testing carried out, it was stated that the case method-based textbook developed had an effect on student learning outcomes.

Keywords: Textbook Development, Case Method, 4D Model, Ecosystem, Science

