

ABSTRAK

MEUTIA SILVI. Pengembangan Bahan Ajar Flipbook Berbasis PBL Bernuansa Budaya Aceh Tenggara untuk Meningkatkan Kemampuan Pemecahan Masalah dan Berpikir Kritis Siswa SMPN 4 Lawe Sigala-gala.

Tesis. Medan: Program Studi Pendidikan Matematika Pascasarjana Universitas Negeri Medan. 2024.

Penelitian ini bertujuan untuk mendeskripsikan: 1) validitas, kepraktisan dan efektifitas bahan ajar *flipbook* yang dikembangkan berbasis PBL bernuansa budaya Aceh Tenggara; 2) Peningkatan kemampuan pemecahan masalah siswa melalui bahan ajar *flipbook* yang dikembangkan berbasis PBL bernuansa budaya Aceh Tenggara; 3) Peningkatan kemampuan berpikir kritis siswa melalui bahan ajar *flipbook* yang dikembangkan berbasis PBL bernuansa budaya Aceh Tenggara; Penelitian ini merupakan penelitian pengembangan dengan menggunakan model pengembangan ADDIE dengan pembelajaran berbasis PBL. Dari hasil uji coba lapangan diperoleh: 1) Bahan ajar *flipbook* berbasis PBL bernuansa budaya Aceh Tenggara untuk meningkatkan kemampuan pemecahan masalah dan berpikir kritis siswa yang dikembangkan sudah memenuhi kriteria valid, praktis, dan efektif; 2) Peningkatan kemampuan pemecahan masalah menggunakan bahan ajar *flipbook* yang telah dikembangkan berbasis PBL bernuansa budaya Aceh Tenggara dilihat dari nilai *Gain* pada uji coba lapangan sebesar 0,70 yang berada dalam kategori “sedang”; 3) Peningkatan kemampuan berpikir kritis menggunakan bahan ajar *flipbook* berbasis PBL bernuansa budaya Aceh Tenggara yang telah dikembangkan dilihat dari nilai *N-gain* pada uji coba lapangan sebesar 0,67 yang berada dalam kategori “sedang”.

Kata kunci: Pengembangan Bahan Ajar; *Flipbook*; PBL; Budaya Aceh Tenggara, Kemampuan Pemecahan Masalah, Kemampuan Berpikir Kritis.

ABSTRACT

MEUTIA SILVI. Development of PBL-Based Flipbook Teaching Materials with Southeast Aceh Cultural Nuances to Improve Problem-Solving and Critical Thinking Skills of Students of SMPN 4 Lawe Sigalagala. Thesis. Medan: Postgraduate Mathematics Education Study Program, State University of Medan. 2024.

This study aims to describe: 1) the validity, practicality and effectiveness of PBL-based flipbook teaching materials with cultural nuances developed towards improving students' problem-solving and critical thinking skills; 2) Improving students' problem-solving skills through PBL-based flipbook teaching materials with Southeast Aceh cultural nuances that were developed; 3) Improving students' critical thinking skills through PBL-based flipbook teaching materials with Southeast Aceh cultural nuances that were developed; This research is a development research using the ADDIE development model with PBL-based learning. From the results of the field trial, it was obtained: 1) PBL-based flipbook teaching materials with a Southeast Aceh cultural nuance to improve students' problem-solving and critical thinking skills that were developed have met the criteria of valid, practical, and effective;; 2) Improving problem-solving skills using PBL-based flipbook teaching materials with a Southeast Aceh cultural nuance that have been developed can be seen from the N-gain value in the field trial of 0.70 which is in the "moderate" category; 3) Improving critical thinking skills using PBL-based flipbook teaching materials with a Southeast Aceh cultural nuance that have been developed can be seen from the N-gain value in the field trial of 0.67 which is in the "moderate" category.

Keywords: Teaching Materials Development ; Flipbook; PBL; Southeast Aceh Culture, Problem Solving Skills, Critical Thinking Skills.