

ABSTRAK

NANDA KHAIRANI BATUBARA. Pengembangan Media Pembelajaran *Flipbook* Berbasis *Contextual Teaching and Learning* untuk Meningkatkan Kemampuan Pemecahan Masalah Matematis dan Motivasi Belajar Siswa. Tesis. Medan: Program Studi Pendidikan Matematika Pascasarjana Universitas Negeri Medan. 2025.

Penelitian ini bertujuan untuk mendeskripsikan: validitas, kepraktisan, dan efektivitas media pembelajaran *flipbook* yang dikembangkan terhadap peningkatan kemampuan pemecahan masalah dan motivasi belajar siswa di SMP Al-Mukmin. Jenis penelitian ini adalah penelitian pengembangan yang menggunakan model pengembangan ADDIE. Tempat dan waktu penelitian dilaksanakan di SMP Al-Mukmin pada tahun ajaran 2023/2024 pada materi Sistem Persamaan Linear Dua Variabel. Subjek penelitian ini adalah siswa kelas VIII-2 yang berjumlah 32 orang siswa, sedangkan objek penelitian ini adalah media pembelajaran matematika *flipbook* berbasis *Contextual Teaching and Learning* untuk meningkatkan kemampuan pemecahan masalah matematis dan motivasi belajar siswa. Hasil penelitian: media pembelajaran matematika *flipbook* berbasis CTL yang dikembangkan dinyatakan valid, praktis, dan efektif, peningkatan kemampuan pemecahan masalah matematis dan motivasi belajar siswa kelas VIII SMP Al-Mukmin melalui media pembelajaran *flipbook* berbasis CTL yang dikembangkan dinyatakan meningkat.

Kata kunci: Pengembangan, Model ADDIE, Flipbook, CTL, Pemecahan Masalah, Motivasi Belajar

ABSTRACT

NANDA KHAIRANI BATUBARA. Development of Flipbook-Based Learning Media Using Contextual Teaching and Learning to Improve Mathematical Problem-Solving Skills and Student Learning Motivation. Thesis. Medan: Graduate Program in Mathematics Education, University of Medan. 2025.

This study aims to describe: the validity, practicality, and effectiveness of the developed flipbook learning media in enhancing students' mathematical problem-solving skills and learning motivation at SMP Al-Mukmin. This is a development study using the ADDIE development model. The research was conducted at SMP Al-Mukmin during the 2023/2024 academic year on the topic of Systems of Linear Equations with Two Variables. The research subjects were 32 students from class VIII-2, while the research object was the flipbook-based mathematics learning media grounded in Contextual Teaching and Learning (CTL) to enhance students' mathematical problem-solving skills and learning motivation. Research results: The CTL-based flipbook mathematics learning media developed was found to be valid, practical, and effective. The improvement in mathematical problem-solving skills and learning motivation of eighth-grade students at SMP Al-Mukmin through the CTL-based flipbook learning media developed was found to have increased.

Keywords: Development, ADDIE Model, Flipbook, CTL, Problem Solving, Learning Motivation