

## ABSTRAK

**Umar (NIM. 8186182001) Pengembangan LKPD Berbasis Model Think Aloud Pair Problem Solving Untuk Meningkatkan Kemampuan Pemecahan Masalah Matematis Siswa Sekolah Dasar Negeri 067248 Medan. Program Studi Pendidikan Dasar. Pascasarjana Universitas Negeri Medan.**

Penelitian ini bertujuan untuk: 1). Menemukan peningkatan kemampuan pemecahan masalah siswa melalui pengembangan Lembar Kerja Peserta Didik (LKPD) berbasis model *Think Aloud Pair Problem Solving* pada materi kubus dan balok. ; 2) Menemukan Lembar Kerja Peserta Didik (LKPD) berbasis model *Think Aloud Pair Problem Solving* yang valid pada materi kubus dan balok.;3) Menemukan Lembar Kerja Peserta Didik ( LKPD) berbasis model *Think Aloud Pair Problem Solving* yang praktis pada materi kubus dan balok.; 4) Menemukan Lembar Kerja Peserta Didik ( LKPD) berbasis model *Think Aloud Pair Problem Solving* yang efektif pada materi kubus dan balok. Penelitian ini dilaksanakan di SD Negeri 067248 Medan. Subjek penelitian ini adalah siswa kelas V SD Negeri 067248 Medan Tahun Ajaran 2022/2023 yang berjumlah 30 siswa. Metode penelitian ini adalah penelitian pengembangan model Thiagarajan. Hasil penelitian menunjukkan bahwa: 1) Peningkatan kemampuan pemecahan masalah siswa menggunakan bahan ajar berbasis TAPPS yang telah dikembangkan dilihat dari nilai *N-Gain* pada uji coba I sebesar sebesar 0,44 meningkat pada uji coba II menjadi 0,56. ; 2) LKPD berdasarkan pembelajaran berbasis TAPPS untuk meningkatkan kemampuan pemecahan masalah siswa yang dikembangkan sudah memenuhi kriteria valid.; 3) Bahan ajar berbasis TAPPS yang dikembangkan telah memenuhi kriteria paraktis.; 4) LKPD berbasis *Think Aloud Pair Problem Solving* telah memenuhi kriteria efektif

**Kata Kunci:** Pengembangan Lembar Kerja Peserta Didik, Think Aloud Pair Problem Solving, Kemampuan Pemecahan Masalah.



## ABSTRACT

**Umar (NIM. 8186182001) Development of LKPD Based on Think Aloud Pair Problem Solving Model to Improve Mathematical Problem Solving Ability of State Elementary School Students 067248 Medan. Master Basic in Education. State University of Medan.**

This study aims to: 1). Finding an increase in students' problem solving skills through the development of Student Worksheets (LKPD) based on the Think Aloud Pair Problem Solving model on cube and block material. ; 2) Finding Student Worksheets (LKPD) based on the Think Aloud Pair Problem Solving model that is valid on cube and block material. .; 4) Finding Student Worksheets (LKPD) based on the Think Aloud Pair Problem Solving model that is effective on cube and block material. This research was conducted at SD Negeri 067248 Medan. The subjects of this study were the fifth grade students of SD Negeri 067248 Medan in the 2022/2023 academic year, totaling 30 students. This research method is a research development of the Thiagarajan model. The results showed that: 1) The improvement of students' problem-solving skills using TAPPS-based teaching materials that had been developed was seen from the N-Gain value in the first trial of 0.44 which increased in the second trial to 0.56. ; 2) LKPD based on TAPPS-based learning to improve students' problem solving skills that have been developed already meet the valid criteria; 3) The developed TAPPS-based teaching materials have met the practical criteria; 4) LKPD based on Think Aloud Pair Problem Solving has met the effective criteria

**Keywords:** Student Worksheet Development, Think Aloud Pair Problem Solving, Problem Solving Ability.

