

ABSTRACT

Ma'ruf Yasin, Student ID Number: 411421014. "Effect of Flipped Classroom Model Assisted by Canva Media on Students' Mathematics Learning Outcomes in the Learning Material of Systems of Linear Equations in Two Variables (SPLDV) among Eighth Graders at SMP Negeri 1 Tilango."
Undergraduate Thesis. Study Program of Mathematics Education, Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Gorontalo, 2025.

The Supervisors: (1) Prof. Dr. Syamsu Qamar Badu, M.Pd., (2) Auli Irfah, M.Pd.

This study aims to determine the effect of the Flipped Classroom model assisted by Canva media on students' mathematics learning outcomes in the topic of Systems of Linear Equations in Two Variables (SPLDV) among eighth graders at SMP Negeri 1 Tilango. The study employed the method of experimental research with a post-test only control group design. The sampling technique conducted was cluster random sampling. The instrument of the study was an essay-type post-test assessing learning outcomes. Hypothesis testing was conducted using the t-test, which resulted in a $t_{count} = 2,59$, whereas $t_{table} = 1,67$ with $df = 60$ of a significance level of $\alpha = 0,05$ indicating a statistically significant difference at the specified level of significance. By comparing the value of t_{count} with t_{table} , thus, $t_{count} > t_{table}$. Additionally, the effect size calculation using Cohen's d yielded a value of $0,66$, which falls into the medium category. Therefore, the use of the Flipped Classroom model assisted by Canva media not only produced statistically significant differences but also had a moderate practical effect on improving students' mathematics learning outcomes in the learning material of SPLDV of eighth graders at SMP Negeri 1 Tilango.

Keywords: Flipped Classroom, Canva, Learning Outcomes, SPLDV

LEMBAR PENGESAHAN SKRIPSI

Skrripsi yang berjudul: "**Pengaruh Model *Flipped Classroom* Berbantuan Media *Canva* Terhadap Hasil Belajar Matematika Siswa Kelas VIII Pada Materi SPLDV Di SMP Negeri 1 Tilango**"

Oleh

MA'RUF YASIN

NIM. 411 421 014

Program Studi Pendidikan Matematika

Fakultas Matematika dan ilmu Pengetahuan alam

Telah dipertahankan di depan pembimbing dan dewan penguji

Hari/Tanggal : Jum'at/13 Juni 2025

Waktu : 13.00 – 14.30 WITA

Tempat : Ruang Sidang Matematika/Via Zoom Meeting

A. Dewan Pembimbing

1. **Prof. Dr. Syamsu Qamar Badu, M.Pd**
NIP. 19600603 198603 1 003

2. **Auli Irfah, M.Pd**
NIP. 19950109 202321 2 035

B. Dewan Penguji

1. **Drs. Perry Zakaria, M.Pd**
NIP. 19640817 198903 1 003

2. **Dra. Lailany Yahya, M.Si**
NIP. 19681219 199403 2 001

3. **Putri Ekawaty Kobandaha, S.Pd, M.Pd**
NIP. 19950307 202203 2 010

Mengetahui,

Dekan Fakultas Matematika dan Ilmu Pengetahuan Alam

Universitas Negeri Gorontalo



Prof. Dr. Fitryane Lihawa, M.Si

NIP. 19691209 199303 2 001