

LEMBAR PERSETUJUAN PEMBIMBING

Skripsi yang berjudul "Pengaruh Penggunaan Multimedia Pembelajaran Interaktif Terhadap Hasil Belajar Siswa Pada Materi Kerucut Kelas IX MTs Negeri 2 Boalemo"

Oleh

Mohamad Febriyanto Yusuf
NIM. 411 416 022

Telah diperiksa dan disetujui

Pembimbing I



Prof. Dr. Evi Hulukati, M.Pd
NIP. 196005301986032001

Pembimbing II



Nancy Katili, M.Pd
NIP. 197909302003122001

Mengetahui,

Ketua Jurusan Matematika
Fakultas Matematika dan Ilmu Pengetahuan Alam
Universitas Negeri Gorontalo



Dr. Tedy Machmud, M.Pd
NIP. 196908251994031002

LEMBAR PENGESAHAN SKRIPSI

Skripsi yang berjudul **"Pengaruh Penggunaan Multimedia Pembelajaran Interaktif Terhadap Hasil Belajar Siswa Pada Materi Kerucut Kelas IX MTs Negeri 2 Boalemo"**

Oleh
Mohamad Febriyanto Yusuf
NIM. 411 416 022

Telah di periksa dan disetujui

Hari/Tanggal : Senin, 10 Agustus 2020
Waktu : 10.01 – 11.30 WITA
Tempat : Gedung Kuliah Lt. 1.5

A. Dewan penguji:

1. **Drs. Perry Zakaria, M.Pd**
NIP. 196408171989031003
2. **Yamin Ismail, M.Pd**
NIP. 195911091988031005
3. **Nursiya Bito, M.Pd**
NIP. 197909302003122001

[Handwritten signatures of the examiners]

B. Dewan Pembimbing:

1. **Prof. Dr. Evi Hulukati, M.Pd**
NIP. 196005301986032001
2. **Nancy Katili, M.Pd**
NIP. 197909302003122001

[Handwritten signatures of the supervisors]

Gorontalo, Agustus 2020
Mengetahui,

Dekan Fakultas Matematika dan Ilmu Pengetahuan Alam
Universitas Negeri Gorontalo


Prof. Dr. Astin Lukum, M.Si
NIP. 196303271988032002

ABSTRACT

Yusuf, Mohamad Febriyanto. 411416022. 2020. *The Influence of the Use of Interactive Learning Multimedia on Student Learning Outcomes in the Topic of Cone: A Study Conducted on IX Class at MTs 2 State Islamic Junior High School in Boalemo.* **Undergraduate Thesis.** Gorontalo. Study Program of Mathematics Education, Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Negeri Gorontalo.

Principal Supervisor: **Prof. Dr. Evi Hulukati, M.Pd** Co-supervisor: **Nancy Katili, S.Pd, M.Pd**

This experimental study aimed to view the better effect of using interactive learning multimedia than using PowerPoint media on student learning outcomes in the topic of cone. The hypothesis in this study stated that the impact of the use of interactive multimedia learning is higher than that of using PowerPoint media on IX class students' learning outcomes in the cone topic at MTs 2 State Islamic Junior High School in Boalemo.

Using a cluster random sampling technique, the population comprised ninth-graders in the research area. The experimental class, with interactive multimedia learning, selected IX-A class (23 students), and; control class, with PowerPoint media, involved IX-C class (23 students). In this study, the design used was a pretest-posttest control group design, while the essay was performed in the data collection technique. Further, in the inferential analysis, the ANCOVA test was employed. The results indicated that the mathematics learning outcomes of students who were taught using interactive multimedia learning were better than those who were taught with PowerPoint media on the selected topic.

Keywords: **Interactive Learning Multimedia, Mathematics Learning Outcomes, Cones.**

