

**THE EFFECT OF DUOLINGO APPLICATION COMPARED
TO FLASHCARD ON STUDENTS' ENGLISH
VOCABULARY MASTERY AT MTSN 2 KEDIRI**

THESIS

Presented to

State Islamic University of Syekh Wasil Kediri

In Partial Fulfillment of the Requirements

For the Degree of *Sarjana* in English Language Education



BY:

RIFKY NUR FAIZAH APRILIA

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**DEPARTMENT OF ENGLISH LANGUAGE EDUCATION
FACULTY OF TARBIYAH AND TEACHER TRAINING
STATE ISLAMIC UNIVERSITY OF SYEKH WASIL KEDIRI
2026**

TITLE PAGE

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2026**

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I hereby state that the thesis I wrote with the title “THE EFFECT OF DUOLINGO APPLICATION COMPARED TO FLASHCARD ON STUDENTS’ ENGLISH VOCABULARY MASTERY AT MTSN 2 KEDIRI” is completely my own work. All the sources of references used in this thesis have been fully acknowledged and properly cited. I understand that any form of plagiarism is a serious academic offense and I take full responsibility for the content of this work.

This thesis is to fulfill the requirements for the degree of Sarjana (S1) in English Education Study Program, State Islamic University of Syekh Wasil Kediri.

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APPROVAL PAGE

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THE EFFECT OF DUOLINGO APPLICATION COMPARED TO FLASHCARD ON STUDENTS' ENGLISH VOCABULARY MASTERY AT MTSN 2 KEDIRI

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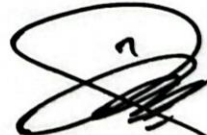
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Setelah diperbaiki materi dan susunannya, kami
berpendapat bahwa skripsinya telah memenuhi syarat sebagai
kelengkapan ujian akhir Sarjana Strata Satu (S-1). Bersama ini
terlampir satu berkas naskah skripsinya, dengan harapan dalam
waktu yang telah ditentukan dapat disajikan dalam Sidang
Munaqosah.

Demikian agar maklum dan atas kesediaan Bapak kami
ucapkan banyak terimakasih.

Wassalamu'alaikum Wr. Wb.

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MOTTO

“Success doesn’t belong to the smartest, but to those who keep trying.”

“Kesuksesan bukan milik orang yang paling pintar, tetapi milik mereka yang terus berusaha.”

DEDICATION

Bismillahirrahmanirrahim

All praise is due to Allah SWT, the Most Gracious and Most Merciful, for granting me the strength, patience, and perseverance to complete this thesis. Without His blessings, this journey would not have been possible. Peace and salutations are always extended to Prophet Muhammad SAW, who has guided humanity from darkness into the light of knowledge and faith. With sincere gratitude, I dedicate this humble work to:

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6. Myself, for staying resilient through difficulties, for holding on during uncertain times, and for having the courage to continue until the very end.

Finally, this thesis stands as a reflection of love, faith, and the invaluable support from those who have accompanied me along this path.

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During the process of conducting this research, I encountered many challenges and obstacles. However, with the help, support, and encouragement from various people, I was able to overcome them and finish this work. Therefore, I would like to express my deepest gratitude to:

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2. Prof. Dr. Hj. Munifah, M.Pd., Dean of the Faculty of Tarbiyah and Teacher Training, State Islamic University (UIN) of Syekh Wasil Kediri.
3. H. Burhanudin Syaifulloh, M.Ed., Ph.D., Head of the English Department, State Islamic University (UIN) of Syekh Wasil Kediri.
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I am fully aware that this thesis is far from perfect. Therefore, I sincerely welcome any constructive suggestions and comments from readers and future researchers who may take an interest in this study.

Kediri, 2026

The Researcher

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ABSTRACT

Aprilia, Rifky Nur Faizah. (2026). *The Effect of Duolingo Application on Students' English Vocabulary Mastery in MTsN 2 Kediri*. Department of English Language Education, Faculty of Tarbiyah and Teacher Training, State Islamic University (UIN) of Syekh Wasil Kediri. Advisors: (I) Dr. Sri Wahyuni, M.Pd. and (II) Dr. Agus Edi Winarto, M.Pd., M.H.

Keywords: *Duolingo, EFL Students, Quasi-Experimental, Vocabulary Mastery.*

Vocabulary is one of the fundamental components in learning English, as it supports students' ability to understand and use language effectively in communication. However, many students still face difficulties in mastering vocabulary due to limited exposure, lack of practice, and the use of less engaging teaching methods. One alternative way to address this issue is by integrating technology, such as the Duolingo application, which offers interactive and gamified learning experiences. Therefore, this study aims to examine the effectiveness of the Duolingo application compared to flashcards in improving students' English vocabulary mastery at MTsN 2 Kediri.

This study employed a quantitative approach with a quasi-experimental design. The population consisted of seventh-grade students at MTsN 2 Kediri, with a total sample of 73 students selected from two classes: an experimental class taught using Duolingo and a control class taught using flashcards. The data were collected through pre-test and post-test instruments to measure students' vocabulary mastery. The data were analyzed using statistical tests, including normality and homogeneity tests, followed by the Mann-Whitney U test to determine the significance of differences between the two groups.

The results of this study show that the students in the experimental group and the control group had different levels of vocabulary mastery after the treatment. The experimental group, which learned vocabulary using the Duolingo application, got a higher mean score in the post-test, which was 87.72. Meanwhile, the control group that used flashcards only reached a mean score of 76.05. This shows that the experimental group performed better than the control group. Moreover, the result of the Mann-Whitney U test showed that the Asymp. Sig. (2-tailed) value is 0.000, and it is smaller than 0.05 ($0.000 < 0.05$). It means the difference between the two groups is statistically significant. From this result, it can be concluded that Duolingo has a significant effect on students' vocabulary mastery compared to flashcards. Therefore, the null hypothesis (H_0) is rejected and the alternative hypothesis (H_1) is accepted.

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