

UNDERGRADUATE THESIS

**THE EFFECT OF USING ENGLISH GRAMMAR: LEARN AND TEST
APPLICATION TO IMPROVE STUDENTS' GRAMMAR MASTERY**



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STATEMENT OF WORK ORIGINALITY

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Hereby states that the thesis is her original work and has never been submitted for an undergraduate degree in a high school, and as far as she is concerned, in this thesis, no work or opinion has been written or published by others except as referred explicitly in this document and listed in the bibliography.

If, in the future, it is proven that this thesis is a copy, she is willing to accept the consequences of my actions.

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ABSTRAK

DARMI AHMAD. H0121020. Pengaruh penggunaan English Grammar:Learn and Test dalam meningkatkan penguasaan tata bahasa siswa. Ridwan, S.Pd.,M.Pd. dan Dr. Adi Isma, S.Pd.,M.Pd. Pada program studi Pendidikan Bahasa Inggris. **Skripsi, Majene: Fakultas dan Ilmu Pendidikan , Universitas Sulawesi Barat, 2025.**

Penelitian ini bertujuan untuk meningkatkan penguasaan Simple Present Tense siswa SMP Negeri 4 Majene melalui penggunaan aplikasi English Grammar: Learn and Test, serta untuk mengetahui persepsi siswa terhadap penggunaan aplikasi tersebut dalam pembelajaran tata bahasa Inggris. Penelitian ini menggunakan metode kuantitatif dengan desain kuasi-eksperimental. Untuk memperoleh data sebelum dan sesudah penggunaan aplikasi, peneliti memberikan pre-test dan post-test kepada peserta didik. Selain itu, peneliti juga menyebarkan kuesioner untuk mengetahui persepsi siswa terhadap penggunaan aplikasi tersebut dalam proses pembelajaran. Partisipan dalam penelitian ini adalah siswa kelas VII A sebagai kelas eksperimen dan VII C sebagai kelas kontrol. Penelitian diawali dengan pemberian pre-test untuk mengidentifikasi kemampuan awal siswa dalam memahami Simple Present Tense. Kelas eksperimen memperoleh perlakuan menggunakan aplikasi English Grammar: Learn and Test, sedangkan kelas kontrol belajar dengan metode konvensional menggunakan buku teks. Setelah proses pembelajaran selesai, kedua kelas diberikan post-test untuk mengukur peningkatan kemampuan siswa dalam menguasai Simple Present Tense dan khusus kelas eksperimen akan diberikan kuesioner. Hasil penelitian menunjukkan bahwa nilai rata-rata siswa meningkat dari 20,94 sebelum perlakuan menjadi 72,12 setelah perlakuan. Hasil uji t-test memperlihatkan nilai signifikansi sebesar 0,000 yang berarti H_a diterima dan H_0 ditolak. Selain itu, hasil kuesioner juga menunjukkan persepsi positif siswa dengan nilai rata-rata sebesar 4,31 yang tergolong sangat tinggi. Dengan demikian, dapat disimpulkan bahwa penggunaan aplikasi English Grammar: Learn and Test efektif dalam meningkatkan penguasaan Simple Present Tense dan mendukung proses pembelajaran tata bahasa Inggris di kelas. Penelitian ini memberikan implikasi bahwa aplikasi English Grammar: Learn and Test dapat membantu siswa dalam mempelajari Simple Present Tense maupun materi tata bahasa Inggris lainnya.

Kata Kunci: Aplikasi English Grammar:Learn and Test, Belajar Tata Bahasa, Simple Present Tense

ABSTRACT

DARMI AHMAD. H0121020. The Effect of Using English Grammar: Learn and Test in Improving Students' Grammar Mastery. Ridwan, S.Pd., M.Pd and Dr. Adi Isma, S.Pd., M.Pd. In the English Education study program. **Thesis, Majene: Faculty of Education, Universitas Sulawesi Barat, 2025.**

This study aims to improve students' mastery of the Simple Present Tense at SMP Negeri 4 Majene through the use of the English Grammar: Learn and Test application, and to investigate students' perceptions of using this application in English grammar learning. The study uses a quantitative method with a quasi-experimental design. To obtain data before and after using the application, the researcher gives a pre-test and a post-test to the students. In addition, the researcher distributes a questionnaire to identify students' perceptions of the use of the application in the learning process. The participants of this study are the students of class VII A as the experimental class and VII C as the control class. The study begins with the administration of a pre-test to identify the students' initial ability in understanding the Simple Present Tense. The experimental class receives treatment using the English Grammar: Learn and Test application, while the control class learns through the conventional method using textbooks. After the learning process, both classes take a post-test to measure the improvement in their mastery of the Simple Present Tense, and specifically, the experimental class completes a questionnaire. The results show that the students' average score increases from 20.94 before the treatment to 72.12 after the treatment. The t-test result shows a significance value of 0.000, which means H_a is accepted and H_0 is rejected. Moreover, the questionnaire result shows students' positive perceptions with a mean score of 4.31, categorized as very high. Therefore, it is concluded that the use of the English Grammar: Learn and Test application effectively improves students' mastery of the Simple Present Tense and supports English grammar learning in class. This study implies that the application helps students learn both the Simple Present Tense and other English grammar materials.

Keywords: English Grammar: Learn and Test Application, Grammar Learning, Simple Present Tense

CHAPTER I

INTRODUCTION

A. Background

English grammar is the main point in forming a sentence. According to Ghafar & Sawalmeh (2024), Grammar is defined as the act of organizing words to produce correct sentences. Wherever we must understand every point of grammar rules, it becomes easier to write a sentence. Sentences are formed because they have a meaning, or the meaning of each word in a sentence. A sentence is a grammatically complete set of words that expresses a complete thought, which can be classified into several types based on its structure and meaning (Eryon & Sahrul, 2022). In grammar, besides sentences, we also have to pay attention to vocabulary. To better understand vocabulary, it is necessary to know that each vocabulary also has its own name or type. The types of vocabulary that exist in English are often referred to as “parts of speech”. As stated by Zubenko, (2022), a Part of speech is a lexical grammatical word class characterized by a general abstract grammatical meaning expressed in specific grammatical markers.

Grammar is the most important part of a sentence. With grammar, the form of the sentence will have a clear meaning. In addition, the benefits of grammar in a sentence include enhanced communication effectiveness, making it easier to understand, and conveying the intended meaning of the sentence. According to Hustarna et al, (2025), Grammar provides a framework for conveying nuanced meaning and understanding spoken and written language, apart from the three most important points of grammar mentioned above. Grammar also plays an important role in the teaching of a language. Grammar plays an important role in language learning and teaching, especially in English as a second language. Although some people argue that grammar is not necessary for communication, experts argue that grammar is very important in developing language proficiency (Ghafar & Sawalmeh, 2024). Although in Indonesia, English is a foreign language. However, the role of English in Indonesia is quite important both in supporting careers and continuing education.

Grammar is very important in learning a language. However, students often face challenges in learning grammar. In outline, the problems faced in learning grammar are a lack of additional time to study more deeply, difficulty in remembering vocabulary, and difficulty in understanding English grammar rules. As emphasized by Ajaj, (2022), Students face difficulties in learning English grammar due to a lack of knowledge, old teaching styles, an inappropriate curriculum, and a lack of enthusiasm. Another study also found that the difficulties experienced in learning grammar are not only because grammar has difficult rules, but also because of other factors. As stated, common problems include misuse of tenses, modal auxiliaries, nominal and verbal sentences, and pronouns (Syafryadin, 2021).

The general problems discussed earlier were also found in one junior high school. This problem was found because the researcher had conducted the Teaching Assistance Program at SMP Negeri 4 Majene. Students' learning results showed that students' English grammar scores did not show changes from the previous semester, so the problem that the researcher found at SMP Negeri 4 Majene related to grammar learning was that students were still unfamiliar with English, especially grammar. However, not all students who are still unfamiliar with grammar some of the students have also understood a little. Even in Indonesia, they still find it difficult in learning grammar. The specific problems experienced by students there are that they still lack vocabulary, have difficulty distinguishing parts of speech, and do not understand grammar rules. Research indicates that students encounter various challenges in grasping English grammar. According to Tambunsaribu & Galingging, (2021), Grammar is often considered the most difficult aspect of English learning. In this study, it was also found that there were 66% of students said that grammar was a difficult learning. However, some students began to appreciate learning grammar in college due to improved teaching methods (Rachmawati, 2022).

All the problems that have been mentioned above. The researcher found a solution to overcome this by using learning applications. Educational applications are software designed to support the teaching and learning process. This application must combine usability criteria and pedagogical knowledge to

increase its effectiveness (Estrada & Zapata, 2022). This means that learning applications include media that really help students in the learning process. Various teaching media have been presented and applied, and have had a positive impact after using them. However, educational applications are not inferior in terms of their advantages and utilization. According to some research, educational applications offer many advantages in the modern learning environment (Seethalakshmi et al., 2023). As stated by Menon, (2022), these applications fulfill a variety of motivations, including academic assistance, convenience, and social influence. Furthermore, according to Chopvitayakun et al. (2023), Mobile learning applications (M-Learning) bridge the accessibility gap, offer innovative learning approaches, and optimize time management.

In this research, the educational application used is the English Grammar application: Learn and Test. According to Fodor and Kovaci, (2016), English Grammar Learn & Test” is a simple, user-friendly, and appreciated application. This mobile application offers an accessible, interactive, and personalized learning experience for students at different proficiency levels (Gamlo, 2019). Applications such as “English Grammar Learn & Test” have gained popularity, reaching hundreds of thousands of users across Android and iOS platforms (Fodor & Kovaci, 2016). Recent research highlights the effectiveness of learning applications for long-term educational use. Research shows that different types of applications support different aspects of language learning, including vocabulary acquisition, grammar, reading, writing, and speaking skills (Lim & Toh, 2024).

Although numerous studies discuss the use of educational applications in enhancing English language skills, particularly in grammar, not all previous studies have shown a positive impact. There is a gap in the research that says that excessive use of technology can hurt children's physical, mental, emotional, and social health, potentially leading to addiction (Gopika et al., 2020). The quality and content of many learning apps are questionable, with some containing misinformation or advertising (Schmidthaler et al., 2022). Previous studies tend to focus on the desired outcome of the research without considering

the negative impact. In this study, in addition to focusing on the use of English Grammar: Learn and Test as a research medium, it will also focus on simple present material. The researcher will also focus on when students use this application, and the explanation of the material will be made as enjoyable as possible so that students do not focus on their smartphones. This research is expected to make a meaningful contribution to deepening the understanding of the potential use of structured grammar learning, especially in the context of English education in Indonesia. In general, this study focuses on The Effect of Using English Grammar: Learning and Test to Improve Students' Grammar Mastery. In addition, the results of this research are also expected to provide practical benefits for teachers and educational application developers, especially in terms of integrating technology more effectively to improve the quality of English grammar learning for students.

B. Identification of Problems

From the collection of problems that researchers have mentioned in the background. The researcher concluded that these problems include:

1. Difficulty understanding grammar

Students tend to face difficulties in understanding grammar, particularly in mastering the Simple Present Tense. These difficulties are evident when students struggle to distinguish between nominal and verbal forms of the Simple Present Tense, as well as in constructing sentences according to the correct grammatical rules.

2. Lack of student vocabulary.

Vocabulary is a fundamental aspect of learning English. However, most students still face difficulties in remembering vocabulary and tend to have limited vocabulary mastery.

C. Problem Limitation and Formulation

1. Problem Limitation

Problem limitation is essential in a study. The goal is for research to focus on one problem and for no obstacles or problems to arise in the future. In formulating the problem, the researcher sees from the background and problem formulation that the limitation of this study is the mastery of English grammar

using the English Grammar application: Learn and Test. The reason researchers use the English Grammar: Learn and Test as a learning medium to improve grammar skills is that students can learn anywhere and anytime, because learning using smartphones makes it easier for students to learn. The researcher believes that by using the English Grammar: Learn and Test application, students will more easily understand grammar because the explanations in the application are easier to understand.

2. Formulation of the Research

The problem formulation in this research is as follows:

1. Is the use of the English Grammar: Learn and Test application effective in improving students' grammar mastery?
2. What are the students' perceptions of using "English Grammar: Learn and Test" applications for learning grammar?

D. Research Objective

After determining the problem and identifying the problem, it can be concluded that the objectives of this study are:

1. To analyze the effect of using the English Grammar: Learn and Test application on students' grammar mastery.
2. To identify the students' perceptions of using English Grammar: Learn and Test in learning grammar.

E. Benefits of Research

This research offers three main benefits, namely:

First, this research provides benefits for both teachers and students in overcoming various problems that often arise in the learning process, especially in understanding and applying English grammar more effectively. The results of this study give teachers new insights into more innovative, technology-based teaching strategies, while students become more motivated to learn through interactive and engaging methods. As a result, students experience more optimal development in understanding English grammar so that they can achieve better learning outcomes.

Second, this research improves students' grammar mastery, which helps them sharpen their language skills in speaking, reading, listening, and writing.

With stronger grammar mastery, students use English more fluently and confidently in various academic and non-academic situations.

Third, this research also enhances students' technological literacy, particularly in recognizing the benefits of applications that continue to evolve in today's digital era. Through this study, students learn how learning applications serve as tools in education and gain broader insights into the role of these applications in both education and daily life. Thus, students become better prepared to face the challenges of technological development and use it positively in various aspects of life.

CHAPTER V

CONCLUSION AND SUGGESTION

A. Conclusion

Based on research conducted using quantitative methods to determine whether there is an improvement in learning the simple present tense using the English Grammar: Learn and Test application, after conducting various tests and questionnaires, the following is a summary of the researcher's conclusions.:

1. This research was conducted at SMP Negeri 4 Majene using two classes as samples, namely class 8A for the experimental class and class 8C for the control class. After the research was conducted, the results were compared before giving the post-test to both classes, the results were below standard. After carrying out the treatment, the scores of class 8A or the experimental class increased. With a mean of 72.12, which was previously 20.94, this proves that the average score of students after being given the treatment increased. And the results of the t-test were .000, which means that the scores between the two experimental and control classes were significantly different. So it can be concluded that this research is said to be successful because the scores of the experimental class increased more than those of the control class.
2. In addition to administering the test, the researchers also administered a questionnaire to determine students' opinions on the use of the English Grammar: Learn and Test app as a learning tool for the simple present tense. The result of the students' responses category is 4,31, indicating a high level of approval. This concludes that students agree with the use of the English Grammar: Learn and Test app as a learning tool.

B. Suggestion

Based on the findings, the researcher offered suggestions to three groups: teachers, students, and future researchers. The suggestions are as follows:

1. English Teacher

Teachers are expected to implement the English Grammar: Learn and Test application as a teaching tool, as it will engage students more due to it is

easy-to-understand interface. Before beginning the lesson, please explain the steps clearly to your students.

2. Students

Students are expected to regularly use the English Grammar: Learn and Test application to improve their understanding of grammar, because the application contains many tests to practice understanding.

3. Future Research

It is hoped that future researcher will be able to use the English Grammar: Learn and Test application because the grammar material in this application is very complete.

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