THE EFFECTIVENESS OF USING AUGMENTED REALITY (AR) ON VOCABULARY MASTERY

(A Quasi-Experimental Study at The 7th Grade Students of SMP Islam Al Azhar 52 Kota Bengkulu)

THESIS

Submitted as a Partial Requirements for the degree
Sarjana Pendidikan (S.Pd) In English Study Program

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DEPARTMENT OF ENGLISH EDUCATION
FACULTY OF TARBIYAH AND TADRIS
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SUKARNO BENGKULU

2025

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I hereby declare that my thesis entitled **The Effectiveness Of Using Augmented Reality (AR) On Vocabulary Mastery (A Quasi-Experimental Study at The 7th Grade Students of SMP Islam Al Azhar 52 Kota Bengkulu)** is my own work or research and is not a plagiarism of the work of others. If in the future it is known that this thesis is the result of plagiarism, I am ready to be subject to academic sanctions.

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RATIFICATION

This is to certify the thesis entitled **"THE EFFECTIVENESS OF USING AUGMENTED REALITY (AR) ON VOCABULARY MASTERY** (A Quasi-Experimental Study at The 7th Grade Students of SMP Islam Al Azhar 52 Kota Bengkulu)" by IISRA KURNIA (2111230018) has been approved by the board of Thesis Examiners as the requirement for degree of *Sarjana* in English Education Program.

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MOTTO

Maka sesungguhnya beserta kesulitan ada kemudahan,
sesungguhnya beserta kesulitan ada kemudahan.
(Al-Insyiroh: 5-6)

"Gonna fight and don't stop! Until you are proud"

Pada akhirnya, ini semua hanya Permulaan
(Nadin Amizah)

DEDICATIONS

With gratitude and love, this thesis is dedicated to:

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ABSTRACT

IISRA KURNIA: The Effectiveness of Using Augmented Reality (AR) in Teaching English Vocabulary Skills at Seventh Grade Students of SMP Islam Al-Azhar 52 Kota Bengkulu

Advisor I: Prof. Riswanto, Ph.D

Advisor II: Reko Serasi, S.S., M. A

This research investigates the effectiveness of using Augmented Reality (AR) in teaching English vocabulary skills to seventh grade students at SMP Islam Al-Azhar 52 Kota Bengkulu. The study aimed to determine whether AR-based instruction significantly enhances students' vocabulary mastery compared to conventional teaching methods. A quasi experimental design was employed, involving two groups: an experimental group taught using AR media and a control group taught through traditional methods. A total of 64 students participated in this study. Data were collected through pre-tests and post-tests and analyzed using descriptive statistics, normality and homogeneity tests, paired sample t-tests, and N-Gain analysis. The findings showed that the average post-test score of the experimental group (89.00) was higher than that of the control group (78.56). The N-Gain score in the experimental group (63.28%) also indicated a higher level of improvement compared to the control group (5.66%). The results of the t-test analysis showed a significance value of 0.000 (< 0.05), which means that there was a statistically significant difference between the two groups. These findings suggest that Augmented Reality is an effective and engaging tool for improving students' vocabulary mastery in English learning. The study recommends incorporating AR technology into vocabulary instruction to enhance student engagement and learning outcomes.

Keywords: Augmented Reality, vocabulary mastery, English learning, junior high school, instructional media.

ABSTRAK

IISRA KURNIA: Efektivitas Penggunaan Augmented Reality (AR) dalam Mengajar Keterampilan Kosakata Bahasa Inggris kepada Siswa Kelas VII SMP Islam Al-Azhar 52 Kota Bengkulu

Pembimbing I: Prof. Riswanto, Ph.D

Pembimbing II: Reko Serasi, S. S., M. A

Penelitian ini bertujuan untuk mengkaji efektivitas penggunaan Augmented Reality (AR) dalam pengajaran keterampilan kosakata bahasa Inggris kepada siswa kelas VII di SMP Islam Al-Azhar 52 Kota Bengkulu. Studi ini bertujuan untuk menentukan apakah pengajaran berbasis AR secara signifikan meningkatkan penguasaan kosakata siswa dibandingkan dengan metode pengajaran konvensional. Desain kuasi eksperimental digunakan, melibatkan dua kelompok: kelompok eksperimen yang diajarkan menggunakan media AR dan kelompok kontrol yang diajarkan melalui metode tradisional. Sebanyak 64 siswa ikut serta dalam penelitian ini. Data dikumpulkan melalui tes awal dan tes akhir, dan dianalisis menggunakan statistik deskriptif, uji normalitas dan homogenitas, uji t sampel berpasangan, dan analisis N-Gain. Hasil menunjukkan bahwa skor tes akhir rata-rata kelompok eksperimen (89,00) lebih tinggi dibandingkan kelompok kontrol (78,56). Skor N-Gain pada kelompok eksperimen (63,28%) juga menunjukkan tingkat peningkatan yang lebih tinggi dibandingkan dengan kelompok kontrol (5,66%). Hasil analisis uji t menunjukkan nilai signifikansi 0,000 (< 0,05), yang berarti terdapat perbedaan yang signifikan secara statistik antara kedua kelompok. Temuan ini menunjukkan bahwa Augmented Reality merupakan alat yang efektif dan menarik untuk meningkatkan penguasaan kosakata siswa dalam pembelajaran bahasa Inggris. Studi ini merekomendasikan untuk mengintegrasikan teknologi AR ke dalam pengajaran kosakata guna meningkatkan keterlibatan siswa dan hasil belajar.

Kata kunci: Augmented Reality, penguasaan kosakata, pembelajaran bahasa Inggris, sekolah menengah pertama, media pembelajaran.

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Peace and salutations be upon the Prophet Muhammad SAW, the last messenger of Allah, whose noble character and teachings have illuminated the path of truth, knowledge, and morality for all of humanity. His life serves as a timeless example of wisdom, patience, and compassion, inspiring Muslims around the world to strive for excellence in every aspect of life, including the pursuit of knowledge.

This humble work, entitled ***"The Effectiveness of Using Augmented Reality (AR) in Teaching English Vocabulary Skills at Seventh Grade Students of SMP Islam Al-Azhar 52 Kota Bengkulu"***, is submitted as a partial fulfillment of the requirements to obtain the Undergraduate Degree (S1) in the English Education Study Program at the State Islamic University of Fatmawati Sukarno Bengkulu. The process of completing this thesis has been both a valuable academic experience and a meaningful personal journey, filled with lessons, challenges, and growth.

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