

**THE EFFECT OF IMPLEMENTING LIVEWORKSHEETS ON FOURTH
GRADE STUDENTS' ENGLISH VOCABULARY MASTERY AT SD
NEGERI 1 ASTINA**

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ABSTRACT

This study aims to investigate whether there is a significant difference in the English vocabulary mastery of fourth-grade students at SD Negeri 1 Astina who are taught using Liveworksheets compared to those taught using conventional learning media. The independent variable in this study is the use of Liveworksheets, while the dependent variable is students' English vocabulary mastery. A quasi-experimental design with a post-test-only control group was applied, involving 54 students divided evenly into an experimental group and a control group, each consisting of 27 students. Data were collected through a vocabulary post-test and analyzed using inferential statistics via IBM SPSS Statistics 26. The results showed that the mean post-test score of the experimental group ($M = 87.03$) was higher than that of the control group ($M = 71.66$). Furthermore, the independent sample t-test revealed a significance value of 0.000, which is lower than 0.05, indicating a statistically significant difference in vocabulary mastery between the two groups. The effect size (Cohen's $d = 1.926$) also indicated a strong effect of the treatment. These findings confirm that the use of Liveworksheets as an interactive digital learning media significantly enhances students' English vocabulary mastery.

Keywords: Liveworksheets, learning media, vocabulary mastery, primary education,

**PENGARUH PENERAPAN LIVEWORKSHEETS TERHADAP
PENGUASAAN KOSAKATA BAHASA INGGRIS SISWA KELAS IV DI
SD NEGERI 1 ASTINA**

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ABSTRAK

Penelitian ini menguji perbedaan penguasaan kosakata bahasa Inggris siswa kelas IV SD Negeri 1 Astina antara yang diajar menggunakan Liveworksheets dan media konvensional. Variabel bebasnya penggunaan Liveworksheets, sedangkan variabel terikatnya penguasaan kosakata Bahasa Inggris. Desain penelitian yang digunakan adalah kuasi-eksperimen dengan post-test-only control group, melibatkan 54 siswa yang dibagi secara merata ke dalam kelompok eksperimen dan kelompok kontrol, masing-masing terdiri dari 27 siswa. Data dikumpulkan melalui post-test kosakata dan dianalisis menggunakan statistik inferensial melalui IBM SPSS Statistics 26. Hasil penelitian menunjukkan bahwa nilai rata-rata post-test kelompok eksperimen ($M = 87,03$) lebih tinggi dibandingkan kelompok kontrol ($M = 71,66$). Selain itu, uji independent sample t-test menghasilkan nilai signifikansi 0,000, yang lebih rendah dari 0,05, menunjukkan perbedaan yang signifikan secara statistik dalam penguasaan kosakata antara kedua kelompok. Besarnya efek (Cohen's $d = 1,926$) juga menunjukkan pengaruh yang kuat dari perlakuan. Temuan ini membuktikan bahwa penggunaan Liveworksheets sebagai media pembelajaran digital interaktif secara signifikan meningkatkan penguasaan kosakata bahasa Inggris siswa.

Kata kunci: Liveworksheet, media pembelajaran, penguasaan kosakata, pendidikan dasar.