

ABSTRAK

PENGARUH *E-MODUL* BERBANTUAN *FLIPHTML5* TERHADAP HASIL BELAJAR SISWA PADA MATERI WARNA CMYK DAN RGB KELAS X SMA YP UNILA

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Penelitian bertujuan untuk mengetahui pengaruh *e-modul* berbantuan *fliphtml5* terhadap peningkatan hasil belajar kelas X SMA yang telah dikembangkan oleh Mahfudin (2022). Desain penelitian *quasi experiment* dengan bentuk *Cluster Randomized Trial (CRT)* yang melibatkan 74 siswa kelas X SMA YP Unila. Instrumen yang digunakan berupa soal evaluasi *pretest posttest* yang sebelumnya telah diuji validitas dan reliabilitas. Hasil penelitian menggunakan uji *Independent Sample T-Test*, bahwa hasil belajar siswa dikelas eksperimen lebih tinggi dibandingkan kelas kontrol, dengan nilai rata-rata *n-gain* pada kelas eksperimen sebesar sebesar $0.60 < 0.70$ yang termasuk dalam kategori sedang. Berdasarkan hasil uji hipotesis diperoleh nilai signifikansi < 0.05 sehingga H_1 diterima dan H_0 ditolak. Dapat disimpulkan bahwa penggunaan *e-modul* berbantuan *fliphtml5* berpengaruh secara signifikan terhadap peningkatan hasil belajar siswa pada materi warna CMYK dan RGB kelas X SMA YP Unila.

Kata Kunci: *e-modul, fliphtml5, hasil belajar, unsur warna CMYK dan RGB*

ABSTRACT

THE EFFECT OF FLIPHTML5-ASSISTED E-MODULES ON STUDENTS' LEARNING OUTCOMES IN CMYK AND RGB COLOR MATERIAL FOR GRADE X STUDENTS OF SMA YP UNILA

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This study aims to determine the effect of using a Fliphtml5-assisted e-module on improving the learning outcomes of Grade X senior high school students, where the e-module was previously developed by Mahfudin (2022). The research employed a quasi-experimental design using a Cluster Randomized Trial (CRT) involving 74 Grade X students of SMA YP Unila. The research instruments consisted of pretest and posttest evaluation questions that had been tested for validity and reliability. Data analysis was conducted using the Independent Sample T-Test on students' N-Gain scores. The results showed that the average N-Gain of the experimental class was 0.60, which is included in the moderate category. Based on the hypothesis test, the significance value was < 0.05 , indicating that H_1 was accepted and H_0 was rejected. Therefore, it can be concluded that the use of a Fliphtml5-assisted e-module has a significant effect on improving students' learning outcomes on the CMYK and RGB color material in Grade X SMA YP Unila.

Keywords: *CMYK and RGB color elements, e-module, fliphtml5, learning outcomes*