

**PENGEMBANGAN MEDIA PEMBELAJARAN
VIDEOSCRIBE PADA MATERI PERUBAHAN WUJUD BENDA
BERBASIS *CONTEXTUAL TEACHING AND LEARNING (CTL)***

UNTUK SISWA KELAS IV SD

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ABSTRAK

Penelitian pengembangan ini bertujuan untuk: (1) mendeskripsikan proses rancang bangun pengembangan media *VideoScribe* berbasis *Contextual Teaching and Learning (CTL)* pada muatan pelajaran IPAS kelas IV di SD (2) mengetahui *VideoScribe* berbasis *Contextual Teaching and Learning (CTL)* pada muatan pelajaran IPAS kelas IV SD berdasarkan penilaian ahli isi pembelajaran, dan media pembelajaran, (3) mengetahui respon pengguna *VideoScribe* berbasis *Contextual Teaching and Learning (CTL)* pada muatan pelajaran IPAS kelas IV (4) mengetahui efektivitas *VideoScribe* berbasis *Contextual Teaching and Learning (CTL)* terhadap peningkatan hasil belajar siswa pada muatan pelajaran IPAS kelas IV. Hasil dari penelitian ini (1) menghasilkan *VideoScribe* dari tahap analisis sampai tahap evaluasi, (2) validitas produk dari ahli materi pembelajaran skor (93,00%) kualifikasi sangat baik dan ahli media pembelajaran skor (95,00%) kualifikasi sangat baik, (3) respon pengguna *VideoScribe* berdasarkan uji coba perorangan skor (97,00%) kualifikasi sangat baik, dan uji coba kelompok kecil skor (92,84%) kualifikasi sangat baik, dan (4) efektivitas *VideoScribe* berbasis *Contextual Teaching and Learning (CTL)* terhadap peningkatan hasil belajar siswa, pada metode tes nilai rata-rata pre-test 42,67, dan post-test 79,34. Hasil analisis statistik menggunakan uji-t berpasangan menunjukkan nilai t-hitung sebesar 28,45 dengan nilai t-tabel pada taraf signifikansi 5% sebesar 2,04. Karena t-hitung > t-tabel (28,45 > 2,04), maka H_0 ditolak dan H_1 diterima, yang berarti terdapat perbedaan signifikan antara hasil belajar sebelum dan sesudah menggunakan media *VideoScribe*, dapat disimpulkan bahwa *VideoScribe* berbasis *Contextual Teaching and Learning (CTL)* efektif untuk meningkatkan hasil belajar siswa kelas IV SD.

Kata kunci: Pengembangan, *VideoScribe*, *Contextual Teaching and Learning (CTL)*, hasil belajar, IPAS.

**DEVELOPMENT OF LEARNING MEDIA VIDEOSCRIBE ON THE
SUBJECT OF CHANGES IN THE FORM OF OBJECTS BASED ON
CONTEXTUAL TEACHING AND LEARNING (CTL) FOR FOURTH
GRADE ELEMENTARY SCHOOL STUDENTS**

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ABSTRACT

This development research aims to: (1) describe the design process of developing VideoScribe-based Contextual Teaching and Learning (CTL) media for IPAS lessons in IV grade elementary school; (2) determine the effectiveness of VideoScribe-based Contextual Teaching and Learning (CTL) for IPAS lessons in IV grade elementary school based on expert assessments of lesson content and learning media; (3) to determine user responses to VideoScribe based on Contextual Teaching and Learning (CTL) in the IPAS curriculum for IV grade elementary school students, (4) to determine the effectiveness of VideoScribe based on Contextual Teaching and Learning (CTL) in improving student learning outcomes in the IPAS curriculum for IV grade elementary school students. The results of this study are as follows: (1) VideoScribe was developed from the analysis stage to the evaluation stage, (2) the product validity was rated as very good by subject matter experts (93.00%) and instructional media experts (95.00%), (3) user response to VideoScribe based on individual testing was rated as very good (97.00%), and a small group trial score of 92.84% with a very good qualification, and (4) the effectiveness of VideoScribe based on Contextual Teaching and Learning (CTL) in improving student learning outcomes, with an average pre-test score of 42.67 and a post-test score of 79.34. The results of statistical analysis using the paired t-test show a calculated t-value of 28.45 with a table t-value at a significance level of 5% of 2.04. Since the calculated t-value is greater than the critical t-value ($28.45 > 2.04$), the null hypothesis (H_0) is rejected and the alternative hypothesis (H_1) is accepted. This indicates a significant difference in learning outcomes before and after using the VideoScribe medium. It can be concluded that VideoScribe, based on Contextual Teaching and Learning (CTL), is effective in improving the learning outcomes of IV grade elementary school students.

Keywords: Development, VideoScribe, Contextual Teaching and Learning (CTL), learning outcomes, IPAS.