

**ABSTRAK**

**PENGEMBANGAN DAN PEMANFAATAN MEDIA VIDEO DALAM  
PEMBELAJARAN IPA DI KELAS IV  
SD NEGERI DARATAN**

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Penelitian ini bertujuan untuk mengembangkan dan memanfaatkan media video dalam pembelajaran IPA di kelas IV SD Negeri Daratan materi sumber daya alam.

Jenis penelitian ini adalah penelitian dan pengembangan (*Research and Development*). Pengembangan media ini melalui empat tahap yaitu (1) analisis kebutuhan (2) mengidentifikasi kompetensi dan materi (3) memproduksi media video IPA dan (4) validasi, uji coba, dan revisi produk sampai menghasilkan video IPA kelas IV SD Negeri Daratan.

Hasil penelitian menunjukkan bahwa produk video pembelajaran yang dikembangkan memiliki kualitas *sangat baik* untuk digunakan dalam pembelajaran IPA di SD Negeri Daratan. Ditunjukkan oleh (1) Penilaian dari ahli materi I dalam kriteria *sangat baik* dengan rata-rata skor 4,45 dan penilaian ahli materi II dalam kriteria *sangat baik* dengan rata-rata skor 4,63. (2) Ahli media menilai produk yang dikembangkan dalam kategori *sangat baik* dengan rata-rata skor 4,33. (3) Hasil uji coba perorangan yang tergolong dalam kriteria *sangat baik* dengan rata-rata skor 4,46. (4) Hasil uji coba kelompok kecil yang dikembangkan dalam kriteria *sangat baik* dengan rata-rata skor 4,51. (5) Hasil uji coba lapangan menunjukkan bahwa produk pembelajaran media video termasuk dalam kriteria *sangat baik* dengan rata-rata skor 4,31. Dampak pemanfaatan video pembelajaran IPA dapat meningkatkan pemahaman siswa terhadap materi. Dibuktikan dari hasil uji coba lapangan yang menunjukkan hasil *pre-test* dengan rata-rata 61,43 dan rata-rata *post-test* 70,36. Selain itu, pembelajaran dengan menggunakan video dapat menumbuhkan minat siswa dan menimbulkan perasaan senang dalam pembelajaran IPA.

**Kata kunci:** metode penelitian dan pengembangan, pemanfaatan, media pembelajaran, video, IPA

**ABSTRACT**

**DEVELOPMENT AND UTILIZATION OF VIDEO MEDIA IN SCIENCE  
LEARNING OF 4<sup>TH</sup> GRADE STUDENTS IN  
DARATAN ELEMENTARY SCHOOL**

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The purpose of this research is to develop and utilize the media of video in science learning of 4<sup>th</sup> grade students in Daratan Elementary School with learning material of natural resources.

The type of this research is that of Research and Development. The development of media was conducted through 4 stages, that is (1) need analysis (2) identification of competence and that of material (3) production of science video media and (4) the validation, trial and revision of product to produce the video in science for 4<sup>th</sup> grade students in Daratan Elementary School.

The results showed that the production of learning video which had been developed had a *very good* qualities to be implemented in the learning of science in Daratan Elementary School. The results were identified by (1) The judgment from the material expert I included in the criteria of *very good* with the average score of 4,45 and from the material expert II included in the criteria of *very good* with the average score of 4,63 (2) the expert of media assessed the products developed in the category of *very good* with an average score 4,33 (3) The results of individual trial appertained in the criteria of *very good* with an average score of 4,51 (4) the results of small group trial developed in the criteria of *very good* with an average score of 4,51. (5) The results of field trial showed that the products of video media learning were proven to be included in the criteria of *very good* with an average score of 4,31. The impact of utilizing science learning video can enhance the students understanding on matter. It is proven from the results of field trial showing the pre-test results with an average of 61,43 and an average of post-test amounting to 70,36. Besides, learning by using video can increase the interest of students and raise a feeling of delight in science learning.

**Keyword:** Research and Development method, utilizing, learning media, video, science learning.