

**ABSTRAK**

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

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Penggunaan media video dalam pembelajaran di Sekolah Dasar membuat pembelajaran lebih kreatif, inovatif dan menyenangkan karena siswa lebih tertarik terhadap pembelajaran. Kenyataannya, media video belum banyak dikembangkan di SD maka penelitian ini difokuskan untuk menunjang pembelajaran menggunakan media video, terutama dalam pembelajaran IPA. Penelitian ini bertujuan untuk mengembangkan dan memanfaatkan media video dalam pembelajaran IPA di kelas III SD Negeri Daratan materi cara melestarikan dan memelihara alam pada lingkungan sekitar.

Jenis penelitian ini adalah penelitian dan pengembangan (*Research and Development* atau R&D). Penelitian ini menggunakan empat tahap yaitu (1) kajian standar kompetensi dan materi pembelajaran (2) analisis kebutuhan, (3) memproduksi video pembelajaran, (4) validasi, uji coba dan revisi. Subjek penelitian terdiri atas siswa SD Negeri Daratan. Uji coba terdiri dari tiga kali : Uji coba perorangan oleh 4 siswa, uji coba kelompok kecil oleh 8 siswa, dan uji coba lapangan oleh 13 siswa. Data dikumpulkan dengan kuesioner dan wawancara.

Hasil penelitian menunjukkan bahwa produk media video yang dikembangkan melalui penelitian layak digunakan untuk pembelajaran IPA kelas III SD Negeri Daratan. Hal ini ditunjukkan oleh : (1) Ahli materi I dan II memberikan penilaian dalam kriteria *sangat baik* dengan rata-rata skor 4,45. (2) Ahli media menilai dalam kriteria *sangat baik* dengan skor 4,6. (3) Uji coba perorangan siswa menilai dalam kriteria *sangat baik* dengan rata-rata 4,38. (4) Uji coba kelompok kecil termasuk dalam kriteria *sangat baik* dengan rata-rata 4,46. (5) Hasil uji coba lapangan memperoleh rerata skor 4,49 yang termasuk dalam kriteria *sangat baik*. Dampak pemanfaatan video ini dapat menambah pemahaman siswa dapat diketahui dari rata-rata *pre-test* dan *post-test* 63,84 ke 74,61.

**ABSTRACT**

**DEVELOPMENT AND UTILIZATION OF VIDEO MEDIA ON THE  
LEARNING OF NATURAL SCIENCE ( IPA) IN 3<sup>RD</sup> GRADE STUDENTS  
OF SD NEGERI DARATAN**

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The use of video media in elementary school makes learning more creative, innovative and fun because students would be more interested in it. In fact, in elementary school video media has not been much developed, so that this research is focused to support the learning with video media, especially in the fields of natural science learning.

The purpose of this research is to develop and utilize the media of video in IPA learning of 3<sup>rd</sup> grade students in SD Negeri Daratan with learning material of ways of preserving and maintaining natural on the surrounding environment.

The type of this research is that of *Research and Development*. This research was conducted through 4 stages, those were (1) the study of competency standard and learning material (2) need analysis, (3) production of learning video and (4) the validation, trial and revision. The subjects were the 3<sup>rd</sup> grade students of SD Negeri Daratan. The trials were conducted three times: individual trials were performed by 4 students, small group trials were performed by 8 students, and field trials were performed by 13 students. Data were collected through questionnaires and interview.

The results showed that the production of learning video which had been developed had a *very good* qualities to be implemented in the IPA learning of 3<sup>rd</sup> grade students in SD Negeri Daratan. The results were identified by (1) The judgment from the material expert I and II included in the criteria of *very good* with the average score of 4,45 (2) the expert of media assessed the products developed in the category of very good with an average score 4.6. (3) The results of individual trial appertained in the criteria of very good with an average score of 4.38 (4) the results of small group trial developed in the criteria of very good with an average score of 4.46. (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 4.49. The impacts of utilizing video were able to enhance the students' understanding and it were identified through the average of *pre-test* and *post-test* that was from 63,84 to be 74,61.