

ABSTRAK

**PENGEMBANGAN DAN PEMANFAATAN MEDIA VIDEO
DALAM PEMBELAJARAN IPA DI KELAS II
SD NEGERI SELOMULYO**

Pembuatan Produk dan Pengaruh Media Pembelajaran dalam
Pembelajaran Di Kelas Tahun Ajaran 2013-2014

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Penggunaan media video dalam pembelajaran dapat membuat siswa lebih aktif dan menarik perhatian siswa. Kenyataannya, media video masih kurang dikembangkan dan dimanfaatkan di SD. Penelitian ini bertujuan untuk mengembangkan dan memanfaatkan media video dalam pembelajaran IPA kelas II SD materi kegunaan matahari dan dampaknya bagi makhluk hidup.

Jenis penelitian ini adalah penelitian dan pengembangan (*Research and Development* atau R&D). Penelitian ini menggunakan empat tahap: (1) analisis kebutuhan, (2) pengembangan media pembelajaran, (3) memproduksi video pembelajaran, (4) validasi, uji coba dan revisi produk. Subjek uji coba penelitian yaitu siswa SDN Selomulyo, Ngaglik, Sleman. Uji coba terdiri atas tiga tahap: uji coba perorangan 4 siswa, uji coba kelompok kecil 8 siswa dan uji coba lapangan 26 siswa. Data dikumpulkan dengan *expert judgement* berupa kuesioner. Selanjutnya data berupa hasil penilaian produk dianalisis secara deskriptif.

Hasil penelitian menunjukkan bahwa produk video yang dikembangkan layak digunakan dalam pembelajaran IPA kelas II SD. Hal ini ditunjukkan oleh: (1) Penilaian pakar media dalam kriteria *baik* rata-rata skor 4,00. (2) Pakar materi I dalam kriteria *sangat baik* rata-rata skor 4,50 sedangkan pakar materi II dalam kriteria *sangat baik* rata-rata skor 4,30. (3) Uji coba perorangan dalam kriteria *sangat baik* rata-rata skor 4,22. (4) Hasil coba kelompok kecil dalam kriteria *sangat baik* rata-rata skor 4,83. (5) Hasil uji coba lapangan termasuk dalam kriteria *sangat baik* rata-rata skor 4,50. (6) Pemanfaatan video ini dapat menambah pemahaman siswa dari rata-rata *pre-test* dan *post-test* 36,24 ke 72,08. Kesimpulan penelitian ini bahwa media video layak digunakan dan membuat siswa lebih aktif.

Kata kunci : pengembangan, pemanfaatan, video, pembelajaran IPA

ABSTRACT

**THE DEVELOPMENT AND UTILIZATION SCIENCE VIDEO IN
CLASS II OF SELOMULYO ELEMENTARY SCHOOL**

The product making and media effects learning
in the academic year 2013-2014

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The using of the video the Elementari School improved students involvement in the class and the students interest. The research is aimed to develop and to improve the use of science video in class II with the topic entitle the sun and its impact for living creatures.

The research was classified as Research and Development (R&D). This research used four stages: (1) needs analysis, (2) learning program development, (3) producing program development, (4) validity, trial and revision of products. The subjects of the research were the student of Selomulyo Elementary School of Ngaglik, Sleman. There were three steps for the trial: individual trial done by 4 students, small group trial done by 8 students, and field trial done by 26 students. The data were collected by *expert judgement* with questionnaires. The data were the test results on product of the *expert judgement* of the product, then analyzed descriptively.

The results showed that the video product was developed appropriate to use in the science learning class II Elementary School. It shown by: (1) the *expert judgement* that the video was in *good* category with average score 4,00. (2) the lason planof the expert I was in *very good* category with average score 4,50 and the expert II was in very good category with average score 4,30. (3) the individual trial, the students questionnaires were *very good* category with average score 4,22. (4) the small group trial, the students questionnaires were in *very good* category with average score 4,83. (5) the field trial showed that the learning product that was develop was in *very good* category with average score 4,50. (6) from the pre-test and post-test utilisation of the video could increase to understanding with the average score 36,24 to 72,08. It can concluded that the video is *very good* and it can improve students involvement in the class.

Key Words: development, utilization, video, science