

ABSTRAK

Ineke Ika Puspita Putri. 2016. *Pengembangan dan Penggunaan Video untuk Membantu Siswa Sekolah Dasar Mempelajari Magnet dengan Percobaan*. Skripsi. Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.

Penelitian ini merupakan penelitian pengembangan yang bertujuan untuk: (1) mengembangkan *video* pokok bahasan magnet; (2) mengetahui sejauh mana keaktifan belajar siswa melalui pemanfaatan *video* dalam pembelajaran pokok bahasan magnet pada jenjang SD; (3) mengetahui hasil belajar siswa melalui pemanfaatan *video* pembelajaran; (4) mengetahui tanggapan siswa mengenai *video* yang dikembangkan pada pokok bahasan magnet dalam pembelajaran.

Penelitian dilaksanakan pada bulan Maret s/d Juli 2015 di Desa Mrican dan di Pringwulung. Subyek penelitian ini adalah siswa SD yang berjumlah sembilan siswa. Instrumen dalam penelitian ini terdiri dari instrumen pembelajaran berupa *video magnet* yang dikembangkan dan instrumen pengumpulan data berupa soal *pre – test*, *post – test*, dan wawancara tertulis.

Penelitian ini menghasilkan: (1) *Video* sebagai fasilitas penguatan pemahaman konsep magnet; (2) Pemanfaatan *video* dalam pembelajaran pokok bahasan magnet memiliki efek dalam proses belajar siswa SD yaitu pemahaman siswa meningkat. Hal tersebut dapat dilihat berdasarkan rata-rata tingkat pemahaman siswa SD dari rendah menjadi tinggi; (3) Pemanfaatan *video* meningkatkan keaktifan belajar siswa yang terlihat berdasarkan presentase keaktifan siswa yang terukur melalui pengamatan; (4) Siswa merasa *video* yang dikembangkan pada pokok bahasan magnet baik digunakan dalam pembelajaran.

Kata kunci: keaktifan belajar, *video* pembelajaran, magnet

ABSTRACT

Ineke Ika Puspita Putri. 2016. *Development and Utilization of Video to Help Elementary Students Learn about Magnet with Eksperiment*. Thesis. Physics Education Study Program, Departement of Mathematics and Science Education, Faculty of Teacher Training and Education, Sanata Dharma University, Yogyakarta.

This research is a research and development which purpose to: (1) to develop *video* than can be used to teach magnetism; (2) to measure the being active of *video* utilization in learning the topic of magnetic in elementary school; (3) to understand the result of *video* utilization in learning the topic of magnetic in elementary school level; (4) to find out the students' responses about *video* as developed on the topic of magnetic in learning.

The research was carried out on March until July 2015 in Mrican Village and Pringwulung. The subjects of the research were nine students complaint which each of instruments of this research consists of learning instrument form magnetic *video* was developed and data collecting instruments form *pre – test*, *post – test*, and questionnaire.

This results produce: (1) *Video* as facilities magnetic of strengthening understand the concept of magnetic; (2) The utilization of *video* as developed on the topic of magnetic have effect in the learning process of elementary school that increased student understanding. This can be seen from the level of understanding average of elementary school students from low to high; (3) The utilization of *video* increasing being active learning of student which can be seen from the percentage being active of student which can be measure on the research; (4) Students feel the *video* developed on the topic of magnetic is good to be used in the learning.

Keyword: active learning, video of learning, magnetic