

ABSTRAK

Penata, Maria Putri. (2015). *Pengembangan Modul Praktikum IPA Sebagai Suplemen Kurikulum 2013 Mendorong Siswa Kelas IV Berpikir Kritis*. Skripsi S-1. Yogyakarta: Program Studi Pendidikan Guru Sekolah Dasar, Universitas Sanata Dharma.

Latar belakang penelitian ini berdasarkan dari hasil observasi, wawancara, dan kuesioner sebagai analisis kebutuhan yang dilakukan peneliti, menunjukkan adanya kebutuhan guru dan siswa pada modul yang mendukung kurikulum 2013. Penelitian ini bertujuan untuk menghasilkan produk berupa modul praktikum IPA sebagai suplemen kurikulum 2013 mendorong berpikir kritis pada siswa kelas IV sekolah dasar. Jenis penelitian yang digunakan adalah R&D (*Research and Development*). Prosedur pengembangan yang digunakan dalam penelitian ini milik Borg and Gall, sampai pada tahap ke tujuh yaitu revisi produk setelah uji terbatas. Modul praktikum IPA tersebut diujicobakan secara terbatas sebanyak dua kali di kelas IV, pertama pada 5 siswa di SD Negeri 1 Bareng Lor Klaten dan yang kedua pada 30 siswa di SD Kanisius Sengkan Yogyakarta.

Berdasarkan validasi dari guru kelas IV A SD Kanisius Sengkan, 5 siswa kelas IV SD Negeri 1 Bareng Lor, 30 siswa kelas IV SD Kanisius Sengkan, modul praktikum tersebut memperoleh skor rata-rata 3,40 termasuk dalam kategori “layak” untuk digunakan dalam pembelajaran. Berdasarkan observasi yang dilakukan pada saat mengujicobakan modul praktikum IPA tersebut, peneliti melihat adanya sikap berpikir kritis pada siswa. Uji coba terbatas 5 siswa terdapat 7 indikator yang terlihat, dan pada uji coba 30 siswa seluruh indikator terlihat pada saat pengujian modul praktikum IPA. Dengan demikian modul praktikum IPA sudah layak digunakan dalam pembelajaran kelas IV sekolah dasar sebagai suplemen kurikulum 2013.

Kata Kunci: Modul, praktikum IPA, Kurikulum 2013, berpikir kritis

ABSTRACT

Penata, Maria Putri. (2015). *The Development of Module Practical Work of Science Based on The 2013 Curriculum For The Fourt Grade of Elementary School to Encourage The Critical Thinking*. Thesis. Elementary Teacher Education Study Program, Sanata Dharma University.

This research began from the result of observation, interview and questionnaire to analyze teacher and students need, that analyze show the teacher and students need module which based on 2013 curriculum. The aim of the research was to produce module practical work of science based on 2013 curriculum to push the critical thinking students of 4th grade of elementary school. The method that used of this research is Research and Development (R&D). The development of procedure from Brog and Gall just until step-7 that was revision of product after doing the limited trial design. The module had limited trial design in two times for students of 4th grade of elementary school, first was small trial with 5 students in Bareng Lor Klaten elementary school, and then second trial with 30 students in Kanisius Sengkan elementary school.

The result of validation from teacher of 4th grade in Kanisius Sengkan elementary school, 5 students of 4th grade in Bareng lor Klaten elementary school and 30 students of 4th grade in Kanisius Sengkan elementary school, that module receive score of average was 3.40 means "very suitable" to use in class. The result of observation that researcher did when the practical module of science used, the researcher seen the students showed the critical thinking. The limited trial design of 5 students there is 7 indicator critical thinking that showed, and then in limited trial design of 30 students all of indicator critical thinking showed when the trial design of module. The conclusion of this reasearch was the practical module of science was suitable to use in class of 4th grade of elementary school based on 2013 curriculum.

Keywords: module, pracrical work of science, curriculum 2013, critical thinking.