

Fina Rohmatul Ummah. 2023. *Pengembangan Modul Praktikum Ipa Penyaringan Air Berbasis Discovery Learning Materi Siklus Air Kelas V Di Mi Miftahul Huda*. Skripsi, Progra Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Andika Adinanda Siswoyo.

ABSTRAK

Penelitian dan pengembangan Modul Praktikum IPA ini dilatarbelakangi oleh minimnya minat siswa dalam proses pembelajaran dan juga minimnya bahan ajar tambahan yang digunakan sebagai alat bantu dalam proses pembelajaran. Tujuan dari penelitian pengembangan ini adalah untuk mengembangkan modul praktikum IPA berbasis *Discovery Learning* yang valid, efektif dan menarik pada siswa kelas V Sekolah Dasar. Penelitian ini menggunakan penelitian 4D yang terdiri dari *Define, Design, Development, dan Dissemination*. Berdasarkan penelitian pengembangan ini diperoleh hasil kevalidan pada: (1) Ahli Materi sebesar 85% (Sangat valid), (2) Ahli Bahasa sebesar 93,75% (Sangat valid), (3) Ahli desain bahan ajar sebesar 85% (Sangat Valid), (4) Ahli desain pembelajaran sebesar 90% (Sangat valid). Sedangkan untuk kemenarikan dilihat dari angket respon siswa 87,1% dan angket respon guru 92.5 % kemudian dijumlah dan dipresentasikan sebesar 89,8 % (Sangat menarik). Keefektifan modul praktikum didapatkan dari hasil lembar observasi keterlaksanaan pembelajran 86,67 % dan dari hasil ketuntasan belajar klasikal sebesar 100%. Hal itu menunjukkan bahwa Modul Praktikum IPA valid, Menarik dan Efektif untuk digunakan dalam pembelajaran.

Kata kunci: *Discovery Learning, IPA, Model 4D, Pengembangan Modul praktikum*

Fina Rohmatul Ummah. 2023. Development of Water Filtration Science Practicum Module Based on Discovery Learning Class V Water Cycle Material at Miftahul Huda Islamic Elementary School. Thesis, Elementary School Teacher Education Study Program, Faculty of Education. University of Trunojoyo Madura.Andika Adinanda Siswoyo.

ABSTRACT

The research and development of this Science Practicum Module were motivated by the lack of student interest in the learning process and the lack of additional teaching materials used as aids in the learning process. This development research aims to develop a science practicum module based on Discovery Learning that is valid, effective and interesting for fifth-grade elementary school students. This research used 4D research, which consisted of Define, Design, Development, and Dissemination. Based on this development research, the validity results were obtained in (1) Material Expert at 85% (Very valid), (2) Language Expert at 93.75% (Very valid), (3) Teaching material design expert at 85% (Very Valid)), (4) Expert learning design by 90% (Very valid). As for the attractiveness seen from the student response questionnaire, 87.1% and the teacher response questionnaire, 92.5%, then totalled and presented 89.8% (Very interesting). The effectiveness of the practicum module was obtained from the results of the observation sheet of the implementation of learning by 86.67% and from the results of classical learning mastery by 100%. This shows that the Science Practicum Module is valid, interesting and effective for learning.

Keywords: Discovery Learning, Natural Science, 4D Model, Practicum Module Development