

Ririn Khusdamyanti 2020. Pengembangan Modul IPA Berbasis Etnosains Untuk Melatih Kemampuan Literasi Sains Siswa Kelas IV Di MI Nahdlatul Ummah. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1 Andika Adinanda Siswoyo, S.Pd., M.Pd. Pembimbing II Isna Ida Mardiyana, S.Pd., M.Pd.

ABSTRAK

Pengembangan Modul IPA Berbasis Etnosains Untuk Melatih Kemampuan Literasi Sains Siswa Kelas IV Di MI Nahdlatul Ummah. Penelitian ini bertujuan untuk menghasilkan modul IPA berbasis etnosains pada materi hewan dan tumbuhan di lingkungan rumahku yang tervalidasi, menarik, dan efektif. Penelitian ini menggunakan metode penelitian *research and development* dari Thiagarajan dengan model *Four-D*. Namun, desain pengembangan modul ini hanya meliputi tiga langkah yang terdiri dari *define*, *design*, dan *develop*. Hasil penilaian ahli bahwa modul tersebut telah layak diuji cobakan dengan dibuktikan ahli produk yang terdiri dari ahli desain modul, ahli desain pembelajaran, ahli bahasa, ahli materi dan uji perorangan. Hasil validasi ahli modul mendapat skor 76% kategori valid. Hasil validasi ahli desain pembelajaran 80% kategori valid. Hasil validasi ahli bahasa 86% kategori valid. Hasil validasi ahli materi 90% kategori valid. Hasil uji coba perorangan 89,33% Uji kemenarikan modul atas respon siswa 97,3% kategori sangat menarik pada kelompok kecil. Uji keefektifan modul atas aktivitas siswa 87,55% kategori sangat aktif pada kelompok kecil. Aktivitas guru 92% sangat aktif. Hasil belajar siswa 85% kategori sangat efektif, sehingga modul IPA berbasis etnosains telah teruji layak digunakan sebagai bahan ajar untuk melatih literasi sains siswa.

Kata kunci: Modul, Modul Berbasis Etnosains, Literasi Sains

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ABSTRACT

Development of Ethnographic-Based Science Modules to Practice Literacy Ability of Students Grade IV at MI Nahdlatul Ummah. This research aims to produce ethnics-based science modules on animal and plant material in my circle environment that are validated, interest, and effective. This research uses research and development methods from Thiagarajan with Four-D model. However, the design development of this module only includes three steps consisting of define, design, and develop.

The results of the expert assessment that the module has been worth to be tested with proven product experts consisting of module design experts, learning design experts, linguists, material experts and individual tests. The results of the module expert validation received a score of 76%valid category. The results of the learning design expert validation of 80% are valid categories. The results of the linguist's validation were 86% valid categories. The results of expert validation of 90% of the categories are valid. The results of individual trials are 89.33%. Module attractiveness test of 97.3% student responses in very interesting category in small groups. The module effectiveness test on student activity of 87.55% is very active in small groups. Teacher activity of 92% is very active. Student learning outcomes 85% of the categories are very effective, so that the ethnics-based science module has been proven to be feasible to use as teaching material to train students' scientific literacy.

Keywords:*Module, Ethnographic-Based Science Modules, Scientific Literacy.*