

Kholilur Rahman. 2021. *Pengembangan Modul IPA Terpadu Berbasis Etnosains Pembuatan Petis Madura Tema Pemisahan Campuran*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing Wiwin Puspita Hadi, S.Si., M.Pd

ABSTRAK

Penelitian pengembangan ini bertujuan untuk mengetahui kelayakan, respon siswa dan menghasilkan produk untuk media modul IPA terpadu berbasis etnosains tema pemisahan campuran. Penelitian ini merupakan penelitian pengembangan yang menggunakan model pengembangan 4D yang terdiri dari (*Define, Design, Develop and Disseminate*). Namun pengembangan ini hanya sampai pada tahap pengembangan (*develop*). Teknik pengumpulan data dalam penelitian yaitu menggunakan angket. Hasil penelitian ini menunjukkan media modul IPA terpadu berbasis etnosains tema pemisahan campuran yang dikembangkan masuk dalam kriteria layak untuk digunakan, dilihat dari hasil validasi ahli media sebesar 84,37%, reliabilitas ahli media sebesar 92,72, validasi ahli materi sebesar 89,17%, reliabilitas ahli materi sebesar 96,19%, angket keterbacaan sebesar 78% dan angket respon siswa sebesar 79%. Hasil tersebut mendapatkan respon positif sehingga bisa dikatakan modul IPA terpadu berbasis etnosains tema pemisahan campuran layak digunakan oleh siswa SMP kelas VII.

Kata kunci : Modul IPA Terpadu Berbasis Etnosains, Materi Pemisahan Campuran

Kholilur Rahman. 2021. Development of an Ethnoscience-Based Integrated Science Module For Making Madura Petis With Mixed Separation Theme. Thesis, Natural Science Education, Faculty of Education, University Trunojoyo Madura. Advisor : Wiwin Puspita Hadi, S.Si., M.Pd.

ABSTRACT

This development research aims to determine the feasibility, student responses and produce products for integrated science module media based on mixed separation ethnoscience themes. This research is a development research that uses the 4D development model consisting of (*Define, Design, Develop and Disseminate*). However, this development only reached the development stage. The data collection technique in this research is using a questionnaire. The results of this study indicate that the integrated IPA module based on ethnoscience of mixed separation themes that was developed is included in the criteria for use, judging from the results of media expert validation of 84.37 %, media expert reliability of 92.72, material expert validation of 89.17 %, material expert reliability as big as 96.19 %, a readability questionnaire of 78 % and student response questionnaires of 79 %. These results get a positive response so that it can be said that the integrated science module based on ethnoscience with mixed separation themes is suitable for use by seventh grade junior high school students.

Keywords : Ethnoscience-Based Integrated Science Module, Mixed Separation Material.