

Dina Nabila. 2025. *Pengembangan Majalah IPA Berbasis Etnosains Tema Tajhin Sobih untuk Meningkatkan Literasi Sains Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Aida Fikriyah

ABSTRAK

Penelitian ini bertujuan untuk mengetahui uji kevalidan, respons, keterbacaan, dan peningkatan literasi sains siswa terhadap majalah IPA berbasis etnosains tema *tajhin sobih*. Penelitian menggunakan model pengembangan ADDIE dan dilaksanakan di SMPN 1 Arosbaya, Bangkalan dengan melakukan uji coba perorangan sebanyak 3 siswa, uji coba kelompok kecil sebanyak 8 siswa kelas IX-G, dan uji coba kelompok besar sebanyak 32 siswa kelas VIII-A. Teknik pengambilan data menggunakan *purposive sampling*. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) Majalah IPA berbasis etnosains tema *tajhin sobih* dikategorikan sangat valid untuk digunakan sebagai media pembelajaran pada siswa SMP dengan rerata skor validitas yang diperoleh sebesar 91,40% (2) Majalah IPA berbasis etnosains tema *tajhin sobih* mendapatkan rerata skor respons siswa sebesar 95,53% dengan kategori sangat baik (3) Majalah IPA berbasis etnosains tema *tajhin sobih* mendapatkan rerata skor keterbacaan siswa sebesar 98,43% dengan kategori sangat baik (4) Peningkatan literasi sains siswa terhadap majalah IPA berbasis etnosains tema *tajhin sobih* mendapatkan rerata skor *pretest* sebesar 51,95% dan rerata nilai *posttest* sebesar 82,16%, sehingga dihasilkan nilai *N-Gain* sebesar 0,63 dengan kategori sedang.

Kata Kunci: Majalah IPA, Etnosains, *Tajhin sobih*

Dina Nabila. 2025. Development of Science Magazine Based on Tajhin Sobih Theme Ethnoscience to Improve Students' Science Literacy. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University, Madura. Advisor: Aida Fikriyah

ABSTRACT

This study aims to determine the validity test, response, readability, and improvement of students' scientific literacy towards the science magazine based on ethnoscience with the theme of *Tajhin Sobih*. The study used the ADDIE development model and was carried out at SMPN 1 Arosbaya, Bangkalan by conducting individual trials of 3 students, small group trials of 8 students in class IX-G, and large group trials of 32 students in class VIII-A. The data collection technique used purposive sampling. Based on the research results, it can be concluded that: (1) Science magazines based on ethnoscience with the *Tajhin Sobih* theme are categorized as very valid for use as learning media for junior high school students with an average validity score of 91.40% (2) Science magazines based on ethnoscience with the *Tajhin Sobih* theme get an average student response score of 95.53% with a very good category (3) Science magazines based on ethnoscience with the *Tajhin Sobih* theme get an average student readability score of 98.43% with a very good category (4) Increasing students' scientific literacy towards science magazines based on ethnoscience with the *Tajhin Sobih* theme gets an average pretest score of 51.95% and an average posttest score of 82.16%, resulting in an N-Gain value of 0.63 with a moderate category.

Keywords: Science Magazine, Ethnoscience, *Tajhin Sobih*