

Murdiyatin, Sri. 2022. *Pengembangan modul sifat-sifat cahaya kelas IV UPTD SDN Socah 2 Bangkalan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura Dosen Pembimbing 1 Andika Adinanda Siswoyo, S.Pd., M.Pd. Pembimbing 2: Nilamsari Damayanti Fajrin, S.Pd., M.Pd.

ABSTRAK

Penelitian pengembangan ini bertujuan untuk mengembangkan Modul Sifat-Sifat Cahaya berdasarkan validitas, daya tarik dan efektifitas. Penelitian yang dikembangkan ini menggunakan model 4D oleh Thiagarajan. Hasil validasi ahli materi diperoleh 88%, ahli Bahasa 86%, ahli media pembelajaran 77%. Persentase hasil validasi gabungan diperoleh 75,75% Modul Sifat-Sifat Cahaya dinyatakan dalam kategori sangat valid. Hasil keefektifan lembar observasi guru memperoleh skor 83,67%, lembar observasi siswa 92,30%. Modul Sifat-Sifat Cahaya dinyatakan dalam kategori efektif. Kesimpulan dari penelitian ini adalah Modul Sifat-Sifat Cahaya ini valid, menarik dan efektif untuk digunakan pada mata pelajaran IPA materi Sifat-Sifat Cahaya di UPTD SDN Socah 2 Bangkalan.

Kata kunci: Modul Sifat-Sifat Cahaya, model 4D oleh Thiagarajan

- . Murdiyatin, Sri. 2022. *The Development of light properties module for Class IV UPTD SDN Socah 2 Bangkalan..* Thesis. Elementary School Teacher Education Study Program. Faculty of Education. University of Trunojoyo Madura. 1st Advisor: Andika Adinanda Siswoyo, S.Pd., M.Pd. 2nd Advisor : Nilamsari Damayanti Fajrin, S.Pd., M.Pd.

ABSTRACT

This development research aims to develop a Light Properties Module based on validity, attractiveness and effectiveness. This research developed using a 4D model by Thiagarajan. The validation results from material experts obtained 88%, 86% linguists, 77% learning media experts. The percentage of combined validation results obtained 83.67% of the Light Properties Module stated in the very valid categories. The results of the effectiveness of the teacher observation sheet obtained a score of 85.03%, the student observation sheet 92.30%. The Light Properties module is stated in the effective category. The conclusion of this study is that the Properties of Light Module is valid, interesting and effective for use in the subjects of Natural Sciences, subject of Light at *UPTD SDN Socah 02 Bangkalan*.

Keywords: Light Properties Module, 4D model by Thiagarajan.

