

Maya Safarinda. *Pengembangan Modul Ajar IPAS Berbasis Scientific Learning Pada Siswa Kelas V UPTD SDN Kraton 2 Bangkalan*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Dr. Agung Setyawan, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian pengembangan ini untuk mengetahui kevalidan, keefektifan, dan kepraktisan modul ajar IPAS berbasis *scientific learning* terhadap hasil belajar kognitif siswa. Penelitian ini dilakukan pada kelas V-A UPTD SDN Kraton 2 Bangkalan. Penelitian ini menggunakan teknik pengumpulan data observasi, wawancara, angket, tes, dan dokumentasi. Penelitian ini menggunakan model penelitian ADDIE dengan tahapan *Analyze, Design, Development, Implementation, Evaluation*. Kevalidan modul ajar IPAS berbasis *scientific learning* yang diperoleh dari validator ahli materi sebesar 88%, ahli desain modul ajar 92%, ahli desain pembelajaran 94,6% dengan kriteria sangat valid. Keefektifan produk ditinjau dari hasil observasi aktivitas guru pada pertemuan pertama dan kedua dengan persentase 94% dan 100%, sehingga memperoleh kriteria sangat aktif. Lembar observasi aktivitas siswa pertemuan pertama dan kedua memperoleh persentase 95% dan 96% dengan kriteria sangat aktif. Hasil belajar kognitif IPAS pada pertemuan pertama dan kedua memperoleh persentase 87% dan 94,8% dengan kriteria tuntas. Kepraktisan modul ajar IPAS berbasis *scientific learning* ditinjau dari angket respon guru yang memperoleh persentase sebesar 96% dengan kategori sangat praktis dan angket respon siswa yang memperoleh persentase 84% dengan kriteria praktis. Berdasarkan hasil penelitian, modul ajar IPAS berbasis *scientific learning* dinyatakan valid, efektif, dan praktis digunakan pada mata pelajaran IPAS Kelas V-A pada topik “Melihat Karena Cahaya”.

Kata kunci : Modul Ajar, Scientific Learning, IPAS

Maya Safarinda. *Development of a Science Teaching Module Based on Scientific Learning for Grade V Students of UPTD SDN Kraton 2 Bangkalan*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo Madura University. Advisor: Dr. Agung Setyawan, S.Pd., M.Pd.

ABSTRACT

The purpose of this development research is to determine the validity, effectiveness, and practicality of the scientific learning-based science learning module on students' cognitive learning outcomes. This research was conducted in class V-A UPTD SDN Kraton 2 Bangkalan. This research uses observation, interview, questionnaire, test, and documentation data collection techniques. This research uses the ADDIE research model with the stages of analysis, design, development, implementation, and evaluation. The validity of the scientific learning-based science learning module obtained from the material expert validator is 88%, the teaching module design expert is 92%, and the learning design expert is 94.6% with very valid criteria. The effectiveness of the product is reviewed from the results of observations of teacher activities at the first and second meetings with a percentage of 94% and 100%, thus obtaining very active criteria. The student activity observation sheet for the first and second meetings obtained a percentage of 95% and 96% with very active criteria. The cognitive learning outcomes of science learning at the first and second meetings obtained a percentage of 87% and 94.8% with complete criteria. The practicality of the scientific learning-based science teaching module is reviewed from the teacher's response questionnaire, which obtained a percentage of 96% with a very practical category, and the student response questionnaire, which obtained a percentage of 84% with practical criteria. Based on the results of the study, the scientific learning-based science teaching module was declared valid, effective, and practical to be used in the science subject of Class V-A on the topic "Seeing Because of Light."

Keywords : Teaching Module, Scientific Learning, IPAS.