

ABSTRAK

SAUT M. SIMAMORA. 8146182038. *Pengembangan LKS Berbasis Proyek Untuk Meningkatkan Hasil Belajar IPA Siswa Kelas V SD Swasta Baptis Independen Medan.* Tesis, Medan: Program Studi Pendidikan Dasar, Program Pascasarjana Universitas Negeri Medan.

Tujuan penelitian ini adalah untuk mengembangkan Lembar Kerja Siswa (LKS) berbasis proyek yang layak dan valid serta efektif. Jenis penelitian ini adalah penelitian pengembangan dengan model Dick and Carey. Subjek pada penelitian ini adalah siswa SD Swasta Baptis Independen Medan kelas V. Sedangkan objek dalam penelitian ini adalah Lembar Kerja Siswa (LKS) berbasis proyek. Instrumen yang digunakan terdiri dari lembar validasi LKS, lembar validasi tes hasil belajar, tes hasil belajar dan angket respon siswa. Analisis data yang digunakan adalah analisis deskriptif. Hasil penelitian menunjukkan bahwa: (1) validasi ahli materi dan bahasa, menyatakan bahwa LKS yang dikembangkan layak digunakan di lapangan dengan revisi dan valid, sedangkan validasi ahli desain pembelajaran menyatakan bahwa LKS yang dikembangkan layak digunakan di lapangan tanpa revisi dan valid; dan (2) berdasarkan uji coba lapangan, LKS dapat dinyatakan efektif. Hal tersebut berdasarkan: (i) persentase ketuntasan klasikal meningkat yaitu 89,66 %, dari 29 siswa yang mengikuti tes; (ii) ketercapaian tujuan pembelajaran (TPK) tercapai; (iii) respon siswa positif; dan (iv) presentase waktu belajar efektif. Tingkat keefektifan LKS berbasis proyek dalam meningkatkan hasil belajar siswa berdasarkan *gain score* adalah sedang.

Kata Kunci: lembar kerja siswa, proyek, hasil belajar, sifat-sifat cahaya dan pemanfaatannya.

ABSTRACT

SAUT M. SIMAMORA. 8146182038. *The Development of LKS Based Project To Improve Learning Outcomes IPA of Five Grade Students on Primary School of Swasta Baptis at Medan District.* Thesis, Medan: Study Program Primary Education, Postgraduate Work at State University of Medan.

The object of this research is Student Worksheet (LKS) based project. The instrument used consisted of a sheet LKS validation, validation sheet achievement test, achievement test and student questionnaire responses. The root of the problem in this research is the fact that teachers tend not to maximize the manufacture of lesson plan, teachers are still rarely provides worksheets to students, LKS there is only ready-made and very minimal projects/activities of students, teachers tend to not use a project based approach, students' activity in relatively monotonous learning, and students are less actively involved in the learning process so that student learning outcomes are still low. The purpose of this study is to develop the students' worksheet (LKS) based on viable projects and valid and effective. Subjects in this study were the students of private primary schools Independent Baptis Medan class V. Analysis of the data used is descriptive analysis. The results showed that: (1) validation of the material and language expert, stated that developed LKS fit for use in the field with a revised and valid, while validation of instructional design experts developed states that LKS fit for use in the field without revision and valid; and (2) based on field trials, LKS can be declared effective. It is based on: (i) increase the percentage of classical completeness is 89.66%, of the 29 students who took the tests; (ii) achievement of learning objectives (TPK) is reached; (iii) a positive student response; and (iv) the percentage of study time effectively. The effectiveness of project based LKS in improving student learning outcomes based gain score is moderate.

Keywords: LKS, project, learning outcomes, the properties of light and its utilization.

