ABSTRAK

Lediana Sinaga (NIM 8206174010). Tesis. Pengembangan LKPD Model Blended Learning dan Pengaruh Terhadap Hasil Belajar IPA kelas VIII Semester I

Penelitian ini bertujuan untuk mengembangkan Lembar Kerja Peserta Didik (LKPD) model *blended learning*. LKPD model *blended learning* pada pembelajaran IPA menjadi bahan ajar yang tepat digunakan selama belajar IPA pada tingkat SMP. Jenis penelitian yang digunakan yaitu penelitian dan pengembangan (*Research and Development*) atau disebut R&D. Model pengembangan yang digunakan adalah model ADDIE terdiri dari 5 tahap yaitu Analisis, Desain, Pengembangan, Implementasi dan Evaluasi. Subjek penelitian yaitu peserta didik kelas VIII dengan jumlah 49 orang. Instrumen yang digunakan berupa angket penilaian validasi ahli materi, media dan bahasa. Teknik pengumpulan data yang digunakan berupa wawancara guru, observasi kegiatan belajar dan angket. Hasil validasi penilaian terhadap LKPD dari ahli materi 78% dengan kriteria "Layak", ahli media 96% dengan kriteria "Sangat Layak" dan ahli bahasa 92% dengan kriteria "Sangat Layak". Penilaian dari guru memperoleh 81% dengan kriteria "Sangat Layak". Kemudian penilaian dari angket respon peserta didik tahap uji coba memperoleh 88% dengan kriteria "Sangat Layak". Hasil uji independent t-test, diketahui nilai t_{hitung} sebesar 13,345 > t_{tabel} sebesar 1,984 dengan signifikansi sebesar 0,00 dan nilai signifikansi sig. (2-tailed) menunjukkan nilai [p] < 0,05. Pengaruh hasil belajar dari pretest memperoleh skor rata-rata 61,02 dan postest memperoleh rata-rata 88,34. Berdasarkan hasil perhitungan uji N-Gain sesuai dengan kategori, diketahui bahwa nilai rata-rata pretest-postest sebesar 0,67 termasuk dalam kategori sedang. Sementara rata-rata nilai N-Gain Score untuk pretest-postest sebesar 66,61% termasuk dalam kategori cukup efektif. Dengan demikian, dapat disimpulkan bahwa pengembangan LKPD model *blended learning* berpengaruh cukup efektif untuk meningkatkan hasil belajar.

Kata kunci: Pengembangan, LKPD Model *Blended Learning*, Hasil Belajar

ABSTRACT

Lediana Sinaga (NIM. 8206174010). Thesis. Development Of Blended Learning Model LKPD and Influence on Science Learning Outcomes for Class VIII Semester I

This study aims to develop a student worksheet (LKPD) blended learning model. The blended learning model LKPD in science learning is one of the appropriate forms to use while studying science at the junior high school level. The type of research used is research and development (Research and Development) or called R&D. The research model used by ADDIE consists of 5 stages, namely Analysis, Design, Development, Implementation and Evaluation. The research Subjects are class VIII students with a total of 49 people. The instruments used a questionnaires evaluating the validation of material, media and language experts. Data collection techniques used in the form of teacher interviews, observation of learning activities, and questionnaires. The results of the validation of the assessment of LKPD from material experts are 78% with "Suitable" criteria, 96% media experts with "Very Eligible" criteria and 92% linguists with "Very Eligible" criteria. The teacher's assessment obtained 81% with the "Very Eligible" criteria.The results of the independent t-test show that the t-stat value is 13,345 > t-tabel is 1,984 with significance of 0,00 and a significance value of sig (2-tailed) showed a value of 0,00 < 0,05. The effect of learning outcomes from the pretest obtained an average score of 61,02 and the posttest obtained an average of 88,34. Based on the results of the calculation of the N-Gain test according to the category, it is known that the pretest-posttest average value of 0,67 is included in the medium category. While the average N-Gain Score for the pretest-posttest is 66,61%, it is included in the quite effective category. Thus, it can be concluded that the development of blended learning model worksheets has quite an effective effect on improving learning outcomes.

Keywords: Development, LKPD Blended Learning Model, Learning Outcomes.