

ABSTRAK

Elisa, NIM 4173341018 (2017). Pengembangan Lembar Kerja Peserta Didik (LKPD) Berbasis *Problem Based Learning* Pada Materi Invertebrata Di Kelas X SMA Negeri 1 Lubuk Pakam T.P 2021/2021.

Penelitian ini merupakan penelitian yang bertujuan untuk mengetahui kelayakan dari pengembangan Lembar Kerja Peserta Didik (LKPD) berbasis *Problem Based Learning* pada materi invertebrata berdasarkan ahli materi, ahli pembelajaran, ahli *design*, tanggapan guru bidang studi, respon siswa dan keefektifan LKPD bagi siswa kelas X di SMA. Subjek dalam penelitian ini adalah siswa kelas X SMA Negeri 1 Lubuk Pakam yang berjumlah 36 orang siswa. Jenis penelitian ini merupakan penelitian pengembangan atau *Research and Development* (R&D) menggunakan model 4-D. Instrumen yang digunakan dalam penelitian ini terdiri dari angket validasi ahli materi, ahli pembelajaran, ahli *design*, tanggapan guru bidang studi, respon siswa terhadap LKPD berbasis *Problem Based Learning* dan instrument test. Teknik analisis data yang digunakan dalam penelitian ini adalah deskriptif. Hasil penelitian ini adalah angket penilaian ahli materi, dinyatakan dengan persentase skor 90,30%, angket penilaian ahli pembelajaran dinyatakan dengan persentase skor 92,30%, angket penilaian ahli design dinyatakan dengan persentase skor 86,53%, angket penilaian guru bidang studi dinyatakan dengan persentase 91,66% dan angket penilaian siswa dinyatakan dengan persentase skor 94,39%. Jika dicocokkan dengan tabel kriteria kelayakan maka skor pencapaian ini termasuk dalam kriteria sangat layak. Hasil analisis efektivitas Lembar Kerja Peserta Didik (LKPD) termasuk dalam kategori sedang dengan *N-gain Score* rata-rata 0,66.

Kata-kata kunci: *Pengembangan, LKPD, Problem Based Learning, Invertebrata*



ABSTRACT

Elisa, NIM 4173341018 (2017). Development of Student Worksheets (LKPD) Based on Problem Based Learning on Invertebrate Materials in Class X SMA Negeri 1 Lubuk Pakam T.P 2021/2021.

This study is a result that aims to determine the level of validity developing Problem Based Learning Student Worksheets (LKPD) on invertebrate material based on material experts, learning experts, design experts, teacher responses in the field of study, student responses and the effectiveness of LKPD for class X students in high school. The subjects in this study were students of class X SMA Negeri 1 Lubuk Pakam totaling 36 students. This type of research is a research and development (R&D) using a 4-D model. The instrument used in this study consisted of a material expert validation questionnaire, learning expert, design expert, teacher's response to the field of study, student responses to Problem Based Learning-based worksheets and test instruments. The data analysis technique used in this research is descriptive. The results of this study are a material expert assessment questionnaire, expressed by a percentage score of 90.30%, a learning expert assessment questionnaire stated by a percentage score of 92.30%, a design expert assessment questionnaire expressed by a percentage score of 86.53%, a teacher assessment questionnaire in the field of study with a percentage of 91.66% and student assessment questionnaires expressed with a percentage score of 94.39%. If it is matched with the table of eligibility criteria, this achievement score is included in the very feasible criteria. The results of the analysis of the effectiveness of the Student Worksheet (LKPD) are included in the medium category with an average *N-gain Score* of 0.66.

Keywords: *Development, LKPD, Problem Based Learning, Invertebrates*

