

ABSTRAK

PENGEMBANGAN *E-LKPD* BERBASIS *PROBLEM BASED LEARNING* (PBL) UNTUK MENINGKATKAN AKTIVITAS BELAJAR PADA MATA PELAJARAN EKONOMI KELAS X

Oleh

LILY MAY NARWATI

Penelitian ini dilakukan karena melihat rendahnya keaktifan belajar siswa kelas X pada mata pelajaran Ekonomi di SMAN 12 Bandar Lampung. Data awal menunjukkan rata-rata skor aktivitas belajar siswa hanya 1,94 dari skala 4,00, yang tergolong rendah. Masalah utama ditemukan pada aktivitas lisan seperti bertanya dan berdiskusi, serta aktivitas mental seperti menganalisis dan memecahkan masalah. Untuk mengatasi hal ini, penelitian bertujuan membuat dan menguji efektivitas Lembar Kerja Peserta Didik Elektronik (E-LKPD) yang terintegrasi dengan model Pembelajaran Berbasis Masalah (PBL) agar keaktifan siswa meningkat. Penelitian menggunakan model Research and Development (R&D) Borg and Gall dengan tujuh tahapan, mulai dari identifikasi masalah hingga revisi akhir. Subjek penelitian adalah siswa kelas X, dan data dikumpulkan melalui observasi, wawancara, angket, dan tes. Hasil validasi menunjukkan E-LKPD berbasis PBL memenuhi standar akademis dan praktis. Para ahli menyatakan produk ini sangat valid, dan uji coba lapangan menunjukkan produk sangat praktis, dengan 83,67% respons positif dari guru dan siswa yang menilai produk mudah digunakan dan sesuai kebutuhan. Pencapaian utama penelitian ini adalah bukti nyata bahwa produk efektif meningkatkan keaktifan belajar siswa. Rata-rata skor aktivitas belajar naik drastis dari 1,94 sebelum intervensi menjadi 3,42 setelah penggunaan E-LKPD. Peningkatan ini juga didukung oleh nilai N-Gain sebesar 0,72, yang termasuk kategori tinggi dan menunjukkan perubahan positif dari gaya belajar pasif ke aktif. Secara statistik, hasil uji *One-Sample t-Test* menunjukkan nilai signifikansi 0,000, jauh di bawah 0,05, sehingga hipotesis nol ditolak dan rata-rata keaktifan belajar siswa setelah menggunakan E-LKPD berbasis PBL terbukti jauh melampaui standar minimal. Dengan demikian, E-LKPD berbasis PBL menjadi media yang sangat direkomendasikan dan solusi inovatif untuk meningkatkan kualitas pembelajaran Ekonomi.

Kata Kunci: E-LKPD, *Problem Based Learning* (PBL), Aktivitas Belajar, Ekonomi Kelas X.

ABSTRACT

DEVELOPMENT OF *E-LKPD* BASED ON *PROBLEM BASED LEARNING* (PBL) TO IMPROVE LEARNING ACTIVITIES IN ECONOMICS CLASS X SUBJECT

By

LILY MAY NARWATI

This study was initiated due to the low learning activity of tenth grade students in Economics at SMAN 12 Bandar Lampung. Initial data showed that the average score for student learning activity was only 1.94 on a scale of 4.00, which is considered low. The main problems were found in verbal activities such as asking questions and discussing, as well as mental activities such as analyzing and problem solving. To overcome this, the study aimed to create and test the effectiveness of Electronic Student Worksheets (*E-LKPD*) integrated with the Problem-Based Learning (PBL) model in order to increase student activity. The study used Borg and Gall's Research and Development (R&D) model with seven stages, from problem identification to final revision. The research subjects were tenth-grade students, and data were collected through observation, interviews, questionnaires, and tests. The validation results showed that PBL-based *E-LKPD* met academic and practical standards. Experts stated that this product was highly valid, and field trials showed that the product was very practical, with 83.67% positive responses from teachers and students who assessed the product as easy to use and suitable for their needs. The main achievement of this study is concrete evidence that the product effectively increases student learning activity. The average learning activity score rose dramatically from 1.94 before the intervention to 3.42 after using the *E-LKPD*. This increase is also supported by an N-Gain value of 0.72, which is in the high category and indicates a positive change from a passive to an active learning style. Statistically, the results of the One-Sample t-Test showed a significance value of 0.000, far below 0.05, so the null hypothesis was rejected and the average student learning activity after using PBL-based *E-LKPD* was proven to far exceed the minimum standard. Thus, PBL-based *E-LKPD* is a highly recommended medium and an innovative solution to improve the quality of Economics learning.

Keywords: *E-LKPD*, Problem Based Learning (PBL), Learning Activities, Economics Class X.