

ABSTRAK

Salsabilla Putri, NIM 4203131057 (2024), Pengembangan E-LKPD Berbasis Problem Based Learning (PBL) Menggunakan Website Liveworksheet Pada Materi Asam Basa Di SMA

Penelitian ini bertujuan untuk: (1) mengetahui kelayakan E-LKPD berbasis PBL, (2) mengetahui praktikalitas E-LKPD berbasis PBL, dan (3) mengetahui efektivitas E-LKPD berbasis PBL. Penelitian ini dilakukan di SMA Swasta Nurani Belawan. Instrumen yang digunakan instrumen non-tes berupa angket BSNP dan instrumen tes sebanyak 20 soal yang valid. Hasil yang diperoleh dalam penelitian ini adalah: (1) E-LKPD berbasis PBL dikatakan “valid” setelah di validasi oleh 1 orang dosen kimia dengan rata-rata penilaian materi sebesar 78% dan rata-rata penilaian media sebesar 79% yang dapat dikatakan “layak”; (2) E-LKPD berbasis PBL dikatakan “praktis” setelah mendapatkan respon peserta didik dengan rata-rata penilaian sebesar 87%; (3) E-LKPD berbasis PBL dikatakan “efektif” dengan hasil nilai posttest sebesar 85,25 yang mengalami peningkatan dari 48,25. Maka diperoleh skor N-Gain sebesar 72,29 berada pada kriteria tinggi.

Kata Kunci : Pengembangan, E-LKPD, Berbasis PBL, Asam Basa



ABSTRACT

Salsabilla Putri, NIM 4203131057 (2024), Development of E-LKPD Based on Problem Based Learning (PBL) Using Liveworksheet Website on Acid Base Material in High School

This study aims to: (1) determine the feasibility of E-LKPD based on PBL, (2) determine the practicality of E-LKPD based on PBL, and (3) determine the effectiveness of E-LKPD based on PBL. This research was conducted at SMA Swasta Nurani Belawan. The instruments used were non-test instruments in the form of BSNP questionnaires and test instruments of 20 valid questions. The results obtained in this study are: (1) E-LKPD based on PBL is said to be "valid" after being validated by 1 chemistry lecturer with an average material assessment of 78% and an average media assessment of 79% which can be said to be "feasible"; (2) E-LKPD based on PBL is said to be "practical" after getting student responses with an average assessment of 87%; (3) E-LKPD based on PBL is said to be "effective" with a posttest score of 85.25 which has increased from 48.25. So the N-Gain score obtained is 72.29 which is in the high criteria.

Keywords: Development, E-LKPD, Based on PBL, Acid Base

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