

ABSTRACT

DEVELOPMENT OF DIFFERENTIATED E-LKPD FOR IMPROVING SELF-REGULATED LEARNING (SRL) AND STUDENT SELF-EFFICACY

By

FADILLA PUSVITASARI

This study aims to describe the validity, practicality, and effectiveness of differentiated e-LKPD in improving Self-Regulated Learning (SRL) and Self-Efficacy (SE) of students. e-LKPD is developed with a differentiated learning approach tailored to student learning needs to support independent learning skills and confidence in completing academic tasks. The research method used is development research with the 4D model (Define, Design, Develop, Disseminate). The results of data analysis showed that the validity of the differentiated e-LKPD was declared valid based on the results of expert assessments of content, language, media, and design aspects with a final percentage of 93.67% including a very valid category. The practicality of e-LKPD based on teacher and student responses shows a very practical category, with a level of readability, attractiveness, and implementation with a value of 86.99% categorized as very practical in learning. The effectiveness of e-LKPD in improving Self-Regulated Learning (SRL) and Self-Efficacy (SE) was analyzed using N-Gain test and inferential statistical test. The results of data analysis that have been done have concluded that: 1) Differentiated e-LKPD is declared valid in terms of content, language, media, and design based on the assessment results; 2) the practicality of differentiated e-LKPD in terms of implementation, attractiveness, and readability is categorized as very practical, so that it can be used in learning high school physics class XI phase F Independent Curriculum on the topic of Dynamic Fluid, and 3) The effectiveness of differentiated e-LKPD H_1 is accepted, which means that there is a significant difference after using e-LKPD so that it becomes a new finding that differentiated E-LKPD can improve students' self-regulated learning and self-efficacy.

Keywords: Differentiated Learning, e-LKPD, Self-Efficacy, Self-Regulated Learning.

ABSTRAK

PENGEMBANGAN e-LKPD BERDIFERENSIASI UNTUK MENINGKATKAN *SELF REGULATED LEARNING* (SRL) DAN *SELF EFFICACY* SISWA

Oleh

FADILLA PUSVITASARI

Penelitian ini bertujuan untuk mendeteksikan kevalidan, kepraktisan, dan keefektifan e-LKPD berdiferensiasi dalam meningkatkan *Self-Regulated Learning* (SRL) dan *Self-Efficacy* (SE) peserta didik. e-LKPD ini dikembangkan dengan pendekatan pembelajaran berdiferensiasi yang disesuaikan dengan kebutuhan belajar siswa untuk mendukung keterampilan belajar mandiri dan kepercayaan diri dalam menyelesaikan tugas akademik. Metode penelitian yang digunakan adalah penelitian pengembangan dengan model 4D (*Define, Design, Develop, Disseminate*). Hasil analisis data menunjukkan bahwa kevalidan e-LKPD berdiferensiasi dinyatakan valid berdasarkan hasil penilaian ahli terhadap aspek isi, bahasa, media, dan desain dengan persentase akhir sebesar 93,67% termasuk kategori sangat valid. Kepraktisan e-LKPD berdasarkan respons guru dan peserta didik menunjukkan kategori sangat praktis, dengan tingkat keterbacaan, kemenarikan, serta keterlaksanaan dengan nilai 86,99% terkategori sangat praktis dalam pembelajaran. Keefektifan e-LKPD dalam meningkatkan *Self-Regulated Learning* (SRL) dan *Self-Efficacy* (SE) dianalisis menggunakan uji *N-Gain* dan uji statistik inferensial. Hasil analisis data yang telah dilakukan mendapat Kesimpulan bahwa: 1) e-LKPD berdiferensiasi dinyatakan valid secara isi, bahasa, media, dan desain berdasarkan hasil penilaian; 2) kepraktisan e-LKPD berdiferensiasi yang ditinjau dari segi keterlaksanaan, kemenarikan, dan keterbacaan terkategori sangat praktis, sehingga dapat digunakan pada pembelajaran Fisika SMA kelas XI fase F Kurikulum Merdeka topik Fluida Dinamis, serta 3) Efektivitas e-LKPD berdiferensiasi H_1 diterima yang berarti terdapat perbedaan yang signifikan setelah penggunaan e-LKPD sehingga menjadi temuan baru bahwasanya E-LKPD berdiferensiasi dapat meningkatkan *self regulated learning* dan *self efficacy* peserta didik.

Kata Kunci: e-LKPD, Pembelajaran Berdiferensiasi, *Self-Efficacy*, *Self-Regulated Learning*.