

ABSTRAK

Juliarty Sri Astuti. (2026). Pengembangan E-LKPD Berbasis Pendekatan *Teaching at The Right Level* Pada Materi Persamaan Linear Satu Variabel Kelas VII SMP. Skripsi. Tanjungpinang: Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan Matematika, Universitas Maritim Raja Ali Haji. Pembimbing I: Alona Dwinata, S.Si., M.Si. Pembimbing II: Dr. Nur Izzati, S.Pd., M.Si.

Kata Kunci: E-LKPD, *Teaching at the Right Level*, pembelajaran terdiferensiasi, persamaan linear satu variabel.

Penelitian ini bertujuan untuk mengembangkan E-Lembar Kerja Peserta Didik (E-LKPD) berbasis pendekatan *Teaching at the Right Level* (TaRL) pada materi persamaan linear satu variabel kelas VII SMP. Metode penelitian yang digunakan adalah penelitian dan pengembangan (*Research and Development*). Produk yang dikembangkan dirancang sebagai media pendukung pembelajaran terdiferensiasi yang menyesuaikan tingkat kesiapan belajar siswa. Hasil validasi oleh para ahli menunjukkan bahwa E-LKPD memperoleh nilai rata-rata sebesar 86,67% dengan kategori sangat valid, yang mencakup validasi ahli materi, media, dan bahasa. Hasil tersebut menunjukkan bahwa E-LKPD telah memenuhi kriteria kelayakan dari aspek isi, tampilan, dan kebahasaan sehingga layak digunakan sebagai media pembelajaran matematika. Selanjutnya, hasil uji kepraktisan menunjukkan bahwa E-LKPD memperoleh respon sangat praktis dengan nilai rata-rata keseluruhan sebesar 91%, yang terdiri atas respon guru sebesar 100% dan respon siswa sebesar 89%. Temuan ini mengindikasikan bahwa E-LKPD mudah digunakan, menarik, dan bermanfaat dalam proses pembelajaran. Penerapan pendekatan TaRL memungkinkan pembelajaran disesuaikan dengan tingkat kesiapan belajar siswa, sehingga E-LKPD yang dikembangkan valid dan praktis dalam mendukung pelaksanaan pembelajaran terdiferensiasi di kelas.

ABSTRACT

Juliarty Sri Astuti. (2026). Development of an E-Worksheet Based on the Teaching at the Right Level Approach on Linear Equations in One Variable for Grade VII Junior High School Students is an undergraduate thesis conducted in Tanjungpinang at the Mathematics Education Study Program, Faculty of Teacher Training and Education, Universitas Maritim Raja Ali Haji. This thesis was supervised by Alona Dwinata, S.Si., M.Si. as the first supervisor and Dr. Nur Izzati, S.Pd., M.Si. as the second supervisor.

Keywords: E-LKPD, Teaching at the Right Level, differentiated learning, linear equations in one variable.

This study aims to develop an Electronic Student Worksheet (E-LKPD) based on the Teaching at the Right Level (TaRL) approach for the topic of linear equations in one variable for seventh-grade junior high school students. The research employed a Research and Development (R&D) method. The developed product was designed as a supporting medium for differentiated learning by accommodating students' varying levels of learning readiness. The results of expert validation indicated that the E-LKPD achieved an average score of 86.67%, categorized as highly valid, encompassing content, media, and language aspects. These results demonstrate that the E-LKPD meets the feasibility criteria in terms of content quality, visual design, and language use, making it suitable for use as a mathematics learning medium. Furthermore, the practicality test results showed that the E-LKPD received a highly practical response with an overall average score of 91%, consisting of 100% teacher responses and 89% student responses. These findings indicate that the E-LKPD is easy to use, engaging, and beneficial in the learning process. The implementation of the TaRL approach enables instruction to be tailored to students' learning readiness levels, thereby making the developed E-LKPD valid and practical in supporting differentiated learning in the classroom