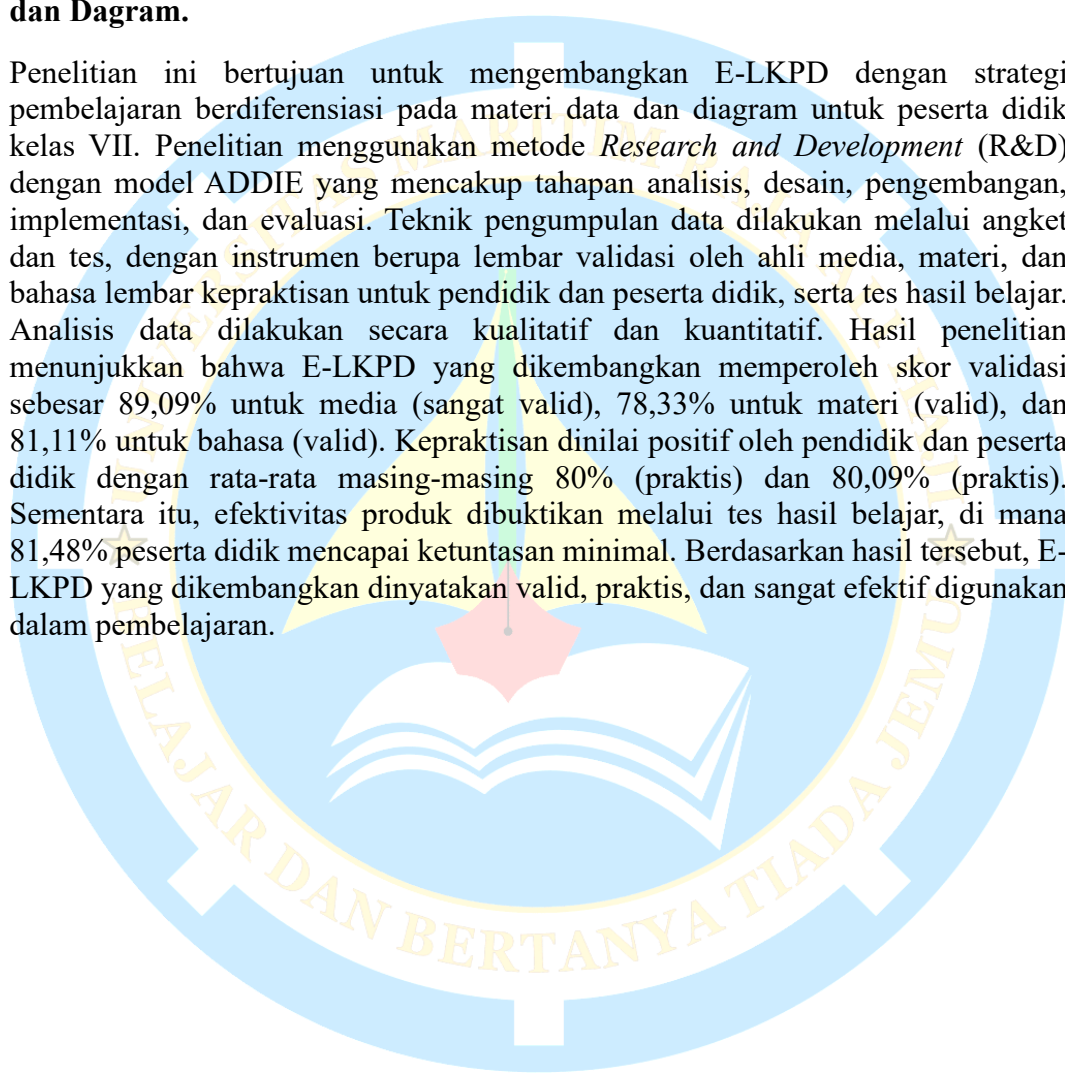


ABSTRAK

Azura, Nurul, 2025. Pengembangan E-LKPD Pembelajaran Berdiferensiasi Berdasarkan Kesiapan Belajar Peserta Didik pada Data dan Diagram. Skripsi. Tanjungpinang: Jurusan Pendidikan Matematika, Fakultas Keguruan Dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Nur Asma Riani Siregar, S.Pd., M.Pd. Pembimbing II: Dr. Nur Izzati, S.Pd., M.Si.

Kata Kunci: E-LKPD, Pembelajaran berdiferensiasi, Kesiapan belajar, Data dan Diagram.

Penelitian ini bertujuan untuk mengembangkan E-LKPD dengan strategi pembelajaran berdiferensiasi pada materi data dan diagram untuk peserta didik kelas VII. Penelitian menggunakan metode *Research and Development* (R&D) dengan model ADDIE yang mencakup tahapan analisis, desain, pengembangan, implementasi, dan evaluasi. Teknik pengumpulan data dilakukan melalui angket dan tes, dengan instrumen berupa lembar validasi oleh ahli media, materi, dan bahasa lembar kepraktisan untuk pendidik dan peserta didik, serta tes hasil belajar. Analisis data dilakukan secara kualitatif dan kuantitatif. Hasil penelitian menunjukkan bahwa E-LKPD yang dikembangkan memperoleh skor validasi sebesar 89,09% untuk media (sangat valid), 78,33% untuk materi (valid), dan 81,11% untuk bahasa (valid). Kepraktisan dinilai positif oleh pendidik dan peserta didik dengan rata-rata masing-masing 80% (praktis) dan 80,09% (praktis). Sementara itu, efektivitas produk dibuktikan melalui tes hasil belajar, di mana 81,48% peserta didik mencapai ketuntasan minimal. Berdasarkan hasil tersebut, E-LKPD yang dikembangkan dinyatakan valid, praktis, dan sangat efektif digunakan dalam pembelajaran.



ABSTRACT

Azura, Nurul. 2025. *Development of a Differentiated Learning E-LKPD Based on Students' Learning Readiness in the Topic of Data and Diagrams*. Undergraduate Thesis. Tanjungpinang: Department of Mathematics Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. First Advisor: Nur Asma Riani Siregar, S.Pd., M.Pd. Second Advisor: Dr. Nur Izzati, S.Pd., M.Si.

Keywords: E-LKPD, Differentiated learning, Learning readiness, Data and Diagrams.

This study aims to develop an E-Worksheet (E-LKPD) using a differentiated learning strategy on the topic of data and diagrams for Grade VII students. The research employs the Research and Development (R&D) method with the ADDIE model, which includes the stages of analysis, design, development, implementation, and evaluation. Data collection techniques involved questionnaires and tests, with instruments including validation sheets by media, content, and language experts; practicality sheets for teachers and students; and a learning outcome test. Data were analyzed both qualitatively and quantitatively. The results showed that the developed E-LKPD obtained a media validation score of 89.09% (very valid), content validation of 78.33% (valid), and language validation of 81.11% (valid). Practicality was rated positively by both teachers and students, with average scores of 80% (practical) and 80.09% (practical), respectively. Furthermore, the effectiveness of the product was demonstrated through the learning outcome test, in which 81.48% of students achieved the minimum mastery criteria. Based on these results, the developed E-LKPD is considered valid, practical, and highly effective for use in the learning process.