

**PENGEMBANGAN E-LKPD PADA MATERI LAJU REAKSI  
BERMUATAN KEARIFAN LOKAL BALI DENGAN MODEL  
PEMBELAJARAN BERBASIS MASALAH**

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**ABSTRAK**

Kajian ini memiliki tujuan menjelaskan serta memaparkan karakteristik, validitas, keterbacaan serta praktikalitas dari E-LKPD pada materi laju reaksi bermuatan kearifan lokal Bali Dengan model pembelajaran berbasis masalah (PBM) yang dilakukan pengembangan. Kajian ini mengadopsi pemodelan pengembangan ADDIE yang dilaksanakan hingga tahapan yang ketiga (pengembangan). Pada tahapan pengembangan dilaksanakan uji validitas, kepraktisan serta keterbacaan. Uji validitas yang dilaksanakan mencakup validitas isi, bahasa serta media. Validitas isi memperoleh skor senilai 1,0 yang berkategori sangat valid. Validitas bahasa memperoleh skor rerata senilai 3,75 yang berkategori sangat valid. Validitas media memperoleh skor rerata senilai 3,75 yang berkategori sangat valid. Uji keterbacaan dilaksanakan guna mencari tahu respons peserta didik terhadap pemahaman isi E-LKPD dan memperoleh skor rerata senilai 3,32 yang berkategori sangat baik. Uji kepraktisan dilaksanakan guna mencari tahu kepraktisan dari E-LKPD yang dilakukan pengembangan. Uji kepraktisan mengikutsertakan guru dan peserta didik serta memperoleh skor rerata penilaian senilai 3,56 yang berkategori sangat praktis oleh guru dan skor rerata senilai 3,17 yang berkategori sangat praktis oleh siswa. Hasil pengujian produk mengindikasikan E-LKPD pada materi laju reaksi bermuatan kearifan lokal Bali dengan pemodelan pembelajaran berbasis masalah (PBM) bisa dipergunakan pada proses aktivitas belajar.

**Kata-kata kunci:** E-LKPD, kearifan lokal, pembelajaran berbasis masalah, laju reaksi, validitas, keterbacaan, praktikalitas.

# DEVELOPMENT OF E-LKPD ON REACTION RATE MATERIAL CONTAINED WITH LOCAL BALI WISDOM WITH A PROBLEM- BASED LEARNING MODEL

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## ABSTRACT

*This study aims to explain and explain the characteristics, validity, readability, and practicality of E-LKPD on reaction rate material in teaching Balinese local wisdom using the problem-based learning model (PBM) that is being developed. This study adopts ADDIE development modeling which is carried out up to the third stage (development). At the development stage, validity, practicality, and readability tests were carried out. The validity tests carried out include content, language, and media validity. Content validity obtained a score of 1.0 which is categorized as very valid. Language validity obtained an average score of 3.75 which is categorized as very valid. Media validity obtained an average score of 3.75 which is categorized as very valid. The readability test was carried out to find out students' responses to understanding the contents of the E-LKPD and obtained an average score of 3.32 which was categorized as very good. A practicality test was carried out to find out the practicality of the E-LKPD being developed. The practicality test included teachers and students and obtained an average assessment score of 3.56 which was categorized as very practical by the teacher and an average score of 3.17 which was categorized as very practical by the students. The product testing results shown by E-LKPD on local Balinese heart rate material using problem-based learning (PBM) can be used in the learning activity process.*

**Keywords:** *E-LKPD, local wisdom, problem-based learning, reaction rate, validity, readability, practicality*