

ABSTRAK

Melliawati. 2024. *Pengembangan E-Modul Pembelajaran Matematika Berbasis Exelearning Memuat Cloze Activity Pada Materi Perbandingan Senilai Dan Berbalik Nilai SMP Kelas VII*. Skripsi. Program Studi Pendidikan Matematika, Fakultas Keguruan Dan Ilmu Pendidikan. Universitas Maritim Raja Ali Haji. Pembimbing I : Assist. Prof. Aang Yudho Prastowo, M.Pd. Pembimbing II : Assist. Prof. Roma Doni Azmi, S.Pd.I., M.Ed.

Kata Kunci ; E-Modul, Exelearning, Kegiatan Cloze

Penelitian ini bertujuan untuk mengetahui validitas, praktikalitas dan efektivitas e-modul pembelajaran matematika berbasis *eXeLearning* memuat *cloze activity* pada materi perbandingan senilai dan berbalik nilai. Subjek dalam penelitian ini adalah 14 siswa kelas VII SMP N 1 di Kepulauan Posek. Jenis penelitiannya adalah R&D dengan langkah-langkah ADDIE; Analysis, Design, Development, Implementation dan Evaluation. Metode pengumpulan data menggunakan angket dan tes. Hasil uji validitas ahli materi diperoleh dengan skor 80% dan skor ahli media 90%, sehingga e-modul yang dikembangkan berada pada kriteria valid. Hasil uji praktikalitas siswa diperoleh rata-rata 87% dan hasil praktikalitas guru diperoleh rata-rata 90%. Hasil perhitungan efektivitas siswa menggunakan n-gain adalah 0,89 dengan kriteria efektivitas tinggi. Berdasarkan proses validasi, uji kepraktisan dan uji efektivitas – modul pembelajaran matematika berbasis ExeLearning memuat *cloze activity* pada materi perbandingan senilai dan berbalik dinyatakan valid, praktis dan efektif. E-modul yang dikembangkan dapat membantu siswa memahami materi, sehingga cocok untuk pembelajaran bagi siswa kelas VII SMP.

ABSTRACT

Melliawati. 2024. *Development of Exelearning-Based Mathematics Learning e-Module Contains Cloze Activity on proportion and direct proportion materials of Grade VII Junior High School* . Thesis. Mathematics Education Study Program, Faculty of Teacher Training and Education. University of Maritime Raja Ali Haji. Advisor I: Assist. Prof. Aang Yudho Prastowo, M.Pd. Advisor II: Assist. Prof. Roma Doni Azmi, S.Pd.I., M.Ed.

Keyword : E-Module, Exelearning, Cloze Activity

This study aims to determine the validity, practicality and effectiveness of eXeLearning-based mathematics learning e-modules containing cloze activities on proportion and direct proportion materials. The subjects in this study were 14 students in grade VII of SMPN 1 in the Posek Islands. The type of research is R&D with ADDIE steps; Analysis, Design, Development, Implementation and Evaluation. The data collection method uses questionnaires and tests. The results of the validity test of the material expert were obtained with a score of 80% and the score of media experts 90%, so that the e-module developed is on valid criteria. The results of the student practicality test were obtained on average 87% and the results of the teacher practicality were obtained on average 90%. The result of the calculation of the effectiveness of students using n-gain is 0.89 with high effectiveness criteria. Based on the validation process, practicality test and effectiveness test - ExeLearning-based mathematics learning module contains cloze activity on the same value comparison material and reversed the value is declared valid, practical and effective. The e-module developed can help students understand the material, so it is suitable for learning for grade VII junior high school students.