

Afiyatur Rohmah, 2023. *Pengembangan Media Pembelajaran Interaktif Berbantuan Neearpod pada Materi Suhu, Kalor dan Pemuaian dengan Pendekatan MIKiR*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Rahmad Fajar Sidik.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan media pembelajaran interaktif berbantuan *nearpod* materi suhu, kalor dan pemuaian dengan pendekatan *MIKiR*. Penelitian ini menggunakan model pengembangan ADDIE. Uji coba produk dilaksanakan di SMP Ar-Raudhah Kabupaten Bangkalan dengan peserta didik kelas VII Tahun Ajaran 2022/2023. Uji coba produk dilaksanakan dengan 3 metode yakni *one-to-one*, *small group* dan *field test*. Teknik pengumpulan data menggunakan angket validasi media, angket validasi materi, angket ms peserta didik serta angket keterbacaan dan hasil yang diperoleh menggunakan rumus persentase. Pada angket validasi media mendapatkan skor validitas rata-rata 84,72% dan reliabilitas memperoleh skor sebesar 91,27% sehingga mendapatkan kriteria penilaian sangat valid (layak di gunakan) dan sangat reliabel, angket validasi materi memperoleh skor validitas rata-rata 82,64% dan reliabilitasnya 94,44% sehingga mendapatkan kriteria penilaian sangat valid (layak di gunakan) dan sangat reliabel, hasil yang didapatkan pada angket respons peserta didik mendapat skor rata-rata 85,23% dengan kriteria sangat baik serta pada angket keterbacaan memperoleh skor rata-rata 87,74% dengan kriteria sangat baik. Hasil kesimpulan di atas bahwa media pembelajaran interaktif berbantuan *nearpod* materi suhu, kalor, dan pemuaian dengan pendekatan *MIKiR* layak digunakan oleh peserta didik saat pembelajaran.

Kata kunci: *nearpod*, media pembelajaran interaktif, model ADDIE, pendekatan *MIKiR*

Afiyatur Rohmah, 2023. *Development of Interactive Learning Media Basic Nearpod Temperature, Heat, and Expansion Materials with MIKiR Approach*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University Madura. Advisor: Rahmad Fajar Sidik.

ABSTRACT

This study aims to determine the feasibility of interactive learning media basic nearpod on temperature, heat, and expansion with the approach of MIKiR. This research uses the ADDIE development model. Testing of the product was carried out at the Ar-Raudhah Middle School, Bangkalan Regency with class VII students for the 2022/2023 Academic Year. Testing of the product is implemented with 3 methods, namely one-to-one, small group and field test. Data collection techniques used media validation questionnaires, material validation questionnaires, student response questionnaires and readability questionnaires and the results obtained using the percentage formula. The media validation questionnaire got an average score of 84,72% and reliability got a score of 91,27% so that the assessment criteria were very valid (feasible to use) and very reliable, the material validation questionnaire obtained an average score of 82,64% and the reliability was 94,44 % so that the assessment criteria are very valid (feasible to use) and very reliable, the results obtained in the student response questionnaire get an average score of 85,23% with very good criteria and the readability questionnaire obtains an average score of 87,74 % with very good criteria. The conclusion above is that the interactive learning media basic nearpod material on temperature, head, and expansion with the MIKiR approach is suitable for use by students when learning.

Keywords: *nearpod, interactive learning media, ADDIE model, MIKiR approach*