

Windiana Putri Rahayu. 2023. *Pengembangan E-modul Berbasis Kearifan Lokal Krèpè' Tèttè pada Materi Suhu dan Kalor*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Mochammad Ahied.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kelayakan, keterbacaan, dan respons peserta didik terhadap e-modul berbasis kearifan lokal *krèpè' tèttè* pada materi suhu dan kalor. Penelitian ini dikembangkan menggunakan model pengembangan ADDIE yang terdiri dari lima tahapan yakni *analyze, design, develop, implement, dan evaluate*. Sampel penelitian meliputi 36 peserta didik kelas VII-H dan VII-I di MTsN Bangkalan yang dipilih melalui teknik *non probability sampling* yaitu *purposive sampling*. Teknik pengumpulan data menggunakan wawancara, angket, dan dokumentasi. Hasil validitas ahli materi 97,22% dengan kriteria sangat layak dan hasil reliabilitas ahli materi 96,82% dengan kriteria reliabel. Hasil validitas ahli media 93,33% dengan kriteria sangat layak dan hasil reliabilitas ahli media 98,1% dengan kriteria reliabel. Adapun hasil rata-rata angket keterbacaan peserta didik terkriteria sangat baik dan angket respons peserta didik terkriteria sangat positif dari uji coba produk.

Kata kunci: E-modul, kearifan lokal, *krèpè' tèttè*, suhu dan kalor.

Windiana Putri Rahayu. 2023. *Development of E-module Based on Local Wisdom of Tèttè Chips on Temperature and Heat Material*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Supervisor: Mochammad Ahied.

ABSTRACT

The purpose of this study was to determine the feasibility, readability, and responses of students to e-modules based on local wisdom tèttè chips on temperature and heat material. This research was developed using the ADDIE development model which consists of five stages, namely analyze, design, develop, implement, and evaluate. The research sample included 36 students in classes VII-H and VII-I at MTsN Bangkalan who were selected through a non-probability sampling technique, namely purposive sampler. Data collection techniques using interviews, questionnaires, and documentation. The results of the material expert validity were 97,22% with very feasible criteria and the results of material expert reliability were 96,82% with reliable criteria. The results of the media experts validity were 93,33% with very feasible criteria and the results of media experts reliability were 98,1% with reliable criteria. The average results of the student readability questionnaire have very good criteria and the student response questionnaire has very positive criteria from product trials.

Keywords: *E-module, local wisdom, tèttè chips, temperature and heat.*