

ABSTRAK

CINDI EFITAYANI. Pengembangan *E-Handout* pada materi Gerak Harmonik Sederhana Untuk Peserta Didik dengan Gaya Belajar Kinestetik. Di bawah bimbingan YETTI SUPRIYATI, A. HANDJOKO PERMANA.

Karakter peserta didik berhubungan langsung dengan hasil belajarnya. Kemampuan peserta didik dalam memahami dan menyerap materi pembelajaran pasti berbeda-beda, baik itu dalam menghadapi abstraksi, memecahkan masalah dan juga dalam belajar. Selama ini guru kurang menyadari akan masalah tersebut sehingga dalam proses pembelajaran guru tidak memperhatikan jenis gaya belajar yang dimiliki peserta didik. Selain itu, bahan ajar yang banyak digunakan di sekolah yaitu hanya berupa buku cetak dan juga LKS. Berdasarkan hal tersebut penelitian ini bertujuan untuk mengembangkan dan menghasilkan bahan ajar fisika berupa *E-Handout* pada materi Gerak Harmonik Sederhana khususnya untuk peserta didik dengan gaya belajar kinestetik. Penelitian ini menggunakan metode Research and Development (R&D) dengan Model Penelitian dan pengembangan yang digunakan adalah model ADDIE. Tahapan model pengembangan ADDIE dilakukan melalui lima tahap, yaitu *Analyze, Desain Development, Implementation, dan Evaluation*. Instrumen penilaian produk didapat dari pengumpulan data berupa angket (kuisisioner) dengan skala Likert. Hasil uji kelayakan oleh ahli materi diperoleh skor sebesar 80,54%, ahli media sebesar 87,85%, ahli pembelajaran sebesar 91,41%, guru sebesar 94,29%, uji coba kepada peserta didik kelompok kecil sebesar 77,92%, dan uji coba kelompok besar sebesar 81,32%. Rerata skor secara keseluruhan yaitu sebesar 85,55%. Dapat disimpulkan *E-Handout* pada materi Gerak Harmonik Sederhana untuk Peserta Didik dengan Gaya Belajar Kinestetik dikategorikan sangat layak sebagai bahan ajar untuk peserta didik kinestetik.

Kata Kunci: *E-Handout*, Gerak Harmonik Sederhana, Gaya Belajar, Kinestetik.

ABSTRACT

CINDI EFITAYANI. The Development of E-Handout on Simple Harmonic Motion Subject for Students with Kinesthetic Learning Styles. Under supervised by YETTI SUPRIYATI, A. HANDJOKO PERMANA.

Student character relates directly to learning outcomes. Students' ability to understand and absorb learning subject must be different, both in facing abstraction, solving problems and learning. During this time the teacher is less aware of the problem so that in the learning process the teacher does not pay attention to the type of learning style possessed by students. Also, teaching materials that are widely used in schools are only printed books and worksheets. Based on this, this study aims to develop and produce physics teaching subject in the form of E-Handouts on Simple Harmonic Motion material especially for students with kinesthetic learning styles. This study uses the Research and Development method (R & D) with the Research and Development Model used is the ADDIE model. The stages of the ADDIE development model are carried out through five stages, namely Analysis, Design Development, Implementation, and Evaluation. Product assessment instruments are obtained from data collection in the form of a questionnaire with a Likert scale. The results of the feasibility test by material experts obtained a score of 80.54%, media experts amounted to 87.85%, learning experts amounted to 91.41%, teachers amounted to 94.29%, trials for small groups of students were 77.92%, and trials of large groups 81, 32%. The overall score is 85,55%. It can be concluded that E-Handout on Simple Harmonic Motion material for Students with Kinesthetic Learning Style is categorized as very feasible as a teaching materials for kinesthetic students.

Keywords: E-Handout, Simple Harmonic Motion, Learning Style, Kinesthetic