

ABSTRAK

Fetti Ferayanti Tinambunan, NIM 4172121006 (2017). Pengembangan Modul *Hypercontent* Berbasis *High Order Thinking Skills (HOTS)* Pada Materi Gerak Harmonis Sederhana Di Kelas X SMA Dharma Pancasila

Penelitian ini memiliki 3 tujuan yakni: (1) mengembangkan modul *hypercontent* berbasis HOTS pada materi Gerak Harmonis Sederhana, (2) mengetahui kelayakan modul *hypercontent* berbasis HOTS pada materi Gerak Harmonis Sederhana, dan (3) mengetahui respon pendidik dan peserta didik terhadap modul *hypercontent* berbasis HOTS pada materi Gerak Harmonis Sederhana. Subjek dalam penelitian ini adalah siswa kelas X 2 SMA Dharma Pancasila Medan yang berjumlah 36 orang. Jenis penelitian ini merupakan penelitian pengembangan atau *Research and Development (R & D)* dengan menggunakan model 4D. Instrumen yang digunakan dalam penelitian ini terdiri dari angket validasi ahli materi dan ahli media, angket respon pendidik dan peserta didik terhadap modul fisika. Teknik analisis data yang digunakan dalam penelitian ini adalah deskriptif. (1) Telah berhasil dikembangkan modul *Hypercontent* berbasis HOTS pada materi Gerak Harmonis Sederhana di SMA Dharma Pancasila Medan. (2) Kelayakan modul *Hypercontent* melalui validasi modul oleh ahli materi memperoleh persentase rata-rata sebesar 91% dan ahli media sebesar 93% dengan kategori sangat Layak (Valid). (3) Respon pendidik terhadap modul *Hypercontent* yang telah dikembangkan memperoleh persentase rata-rata sebesar 88% dengan kategori sangat Layak dan respon peserta didik terhadap modul *Hypercontent* melalui uji coba kelompok kecil dengan responden 6 orang siswa memperoleh persentase rata-rata sebesar 82% yang termasuk dalam kriteria sangat Baik. Sedangkan respon peserta didik melalui uji coba kelompok besar dengan responden 30 orang siswa memperoleh persentase rata-rata sebesar 90% dengan kriteria sangat Baik.

Kata kunci: Pengembangan, Modul, *Hypercontent*, *High Order Thinking Skills (HOTS)*, Gerak Harmonis Sederhana

ABSTRACT

Fetti Ferayanti Tinambunan, NIM 4172121006 (2017). Development of a Hypercontent Module Based on High Order Thinking Skills (HOTS) on Simple Harmonious Motion Material Grade X SMA Dharma Pancasila

The research has 3 objectives, namely: (1) to develop HOTS-based hypercontent module on Simple Harmonic Motion material, (2) to know the feasibility of HOTS-based hypercontent module on Simple Harmonic Motion material, and (3) to know the response of educators and students to HOTS-based hypercontent module on Simple Harmonic Motion material. The subjects in this study were students of class X 2 SMA Dharma Pancasila Medan, totaling 36 people. This type of research is a development research or Research and Development (R & D) using the 4D model. The instruments used in this study consisted of validation questionnaires of material experts and media experts, questionnaires of educators and students' responses to physics modules. The data analysis technique used in this research is descriptive. (1) The HOTS-based Hypercontent module has been successfully developed on Simple Harmonic Motion material at Dharma Pancasila Medan High School. (2) The feasibility of the Hypercontent module through module validation by material experts obtained an average percentage of 91% and media experts of 93% with a very decent (Valid) category. (3) Educators' response to the Hypercontent module that has been developed obtained an average percentage of 88% with a very decent category and students' response to the Hypercontent module through a small group trial with 6 student respondents obtained an average percentage of 82% which is included in the very good criteria. While the response of students through a large group trial with 30 student respondents obtained an average percentage of 90% with very good criteria.

Keywords: Development, Module, Hypercontent, High Order Thinking Skills (HOTS), Simple Harmonious Motion