

PENGEMBANGAN VIDEO PEMBELAJARAN PADA TOPIK USAHA DAN PESAWAT SEDERHANA KELAS VIII SMP

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ABSTRAK

Penelitian ini bertujuan untuk mengembangkan video pembelajaran pada topik usaha dan pesawat sederhana kelas VIII SMP yang inovatif dalam membangun sistem pembelajaran daring yang valid dan terbaca. Video pembelajaran dikembangkan dengan konsep *microlearning* dengan model pembelajaran 5M. Penelitian ini merupakan penelitian *Research and Development* (R&D) dengan model pengembangan ADDIE (*Analysis, Design, Development, Implementation, Evaluation*). Penelitian dilakukan hingga tahap *Development* (Pengembangan) yaitu sampai pada uji keterbacaan. Tahapan dalam pengembangan video pembelajaran yaitu tahap validitas dilakukan dengan pengisian lembar penilaian oleh ahli materi, ahli bahasa, dan ahli media. Selanjutnya dilakukan uji keterbacaan guna mengetahui respon 32 siswa kelas VIII SMP terhadap video pembelajaran yang di kembangkan. Hasil dari penelitian yaitu: 1) karakteristik video pembelajaran pada topik usaha dan pesawat sederhana kelas VIII SMP sesuai dengan karakteristik video pembelajaran yang baik. 2) skor rata-rata uji validitas ahli media 0,95 dikategorikan sangat tinggi/sangat valid, skor rata-rata uji validitas ahli bahasa 0,97 dikategorikan sangat tinggi/sangat valid, skor rata-rata uji validitas ahli media 0,79 dikategorikan tinggi/valid. 3) skor rata-rata uji keterbacaan video pembelajaran pada topik usaha dan pesawat sederhana kelas VIII SMP 0,93 dikategorikan sangat tinggi. Berdasarkan hasil uji validitas dan keterbacaan disimpulkan bahwa video pembelajaran pada topik usaha dan pesawat sederhana kelas VIII SMP valid dan terbaca.

Kata-Kata Kunci: pengembangan, media video pembelajaran, *microlearning*

ABSTRACT

This research aims to develop learning videos on the topic of work and simple machine for class VIII junior high school which are innovative in building a valid and legible online learning system. The learning video was developed with the concept of microlearning with the 5M learning model. This research is are search Research and Development (R&D) with the ADDIE model (Analysis, Design, Development, Implementation, Evaluation). The research was carried out up to the stage Development, namely to the readability test. The stages in the development of learning video, namely the validity stage, are carried out by filling out assessment sheets by material experts, linguists, and media experts. Furthermore, a readability test was carried out to determine the response of 32 class VIII junior high school students to the learning video that was developed. The results of the study are: 1) the characteristics of learning videos on the topic of work and simple machine for class VIII junior high school are in accordance with the characteristics of good learning videos. 2) the average score of the media expert validity test is 0,95 categorized as very high/very valid, the average score of the linguist validity test is 0,97 categorized very high/very valid, the media expert validity test average score is 0,79 categorized as high/ valid. 3) the average score of the learning video readability test on the topic of business and simple machines for class VIII junior high school is 0,93 which is categorized as very high. Based on the results of the validity and legibility tests, it was concluded that the learning videos on the topic of work and simple machine for class VIII junior high school were valid and legible.

Keywords: development, learning video media, microlearning

