

ABSTRAK

Aliyah Rumini Larasati, NIM 4192111004 (2023). Pengembangan Lembar Kerja Peserta Didik Digital Berbasis Contextual Teaching and Learning untuk Meningkatkan Kemampuan Berpikir Kritis Siswa di SMA.

Tujuan dari penelitian ini adalah untuk (1) mendeskripsikan peningkatan kemampuan berpikir kritis siswa setelah menggunakan lembar kerja peserta didik digital berbasis Contextual Teaching and Learning serta (2) mengetahui kualitas lembar kerja peserta didik digital berbasis Contextual Teaching and Learning telah memenuhi aspek kevalidan, kepraktisan dan keefektifan. Penelitian ini dilakukan menggunakan model pengembangan ADDIE. Subjek penelitian ini adalah siswa kelas XI-F1 SMA Negeri 12 Medan dan objek penelitian ini adalah lembar kerja peserta didik digital berbasis Contextual Teaching and Learning untuk meningkatkan kemampuan berpikir kritis siswa. Instrumen penelitian yang digunakan adalah angket dan tes. Hasil penelitian didapat bahwa: (1) kemampuan berpikir kritis siswa dari hasil analisis n-gain diperoleh peningkatan sebesar 0,78 dengan kategori tinggi, (2) produk yang dikembangkan telah memenuhi kriteria kevalidan dengan skor rata-rata 4,28 (sangat valid) untuk validasi materi dan 4,14 (valid) untuk validasi media, (3) produk yang dikembangkan telah memenuhi kriteria kepraktisan pada ahli sebesar 88,56%, guru sebesar 90,90% dan siswa sebesar 88,33% dan (4) produk yang dikembangkan telah memenuhi kriteria keefektifan sesuai dengan (a) hasil belajar siswa telah memenuhi ketuntasan klasikal sebesar 97,22%, (b) ketercapaian posttest pada setiap indikator ketuntasannya melebihi 65% dari seluruh siswa di kelas yang berhasil mendapatkan minimal 75% terhadap tujuan pembelajaran yang dirumuskan dan (c) siswa memberikan respon positif.

Kata kunci: Lembar kerja peserta didik digital, berbasis Contextual Teaching and Learning, kemampuan berpikir kritis.

ABSTRACT

Aliyah Rumini Larasati, NIM 4192111004 (2023). Development of Digital Student Worksheets Based on Contextual Teaching and Learning to Improve Students' Critical Thinking Ability in High School.

The purpose of this research are to (1) describe the improvement of students' critical thinking skills after using digital student worksheets based on Contextual Teaching and Learning and (2) to find out the quality of digital student worksheets based on Contextual Teaching and Learning has met the aspects of validity, practicality and effectiveness. This research was conducted using the ADDIE development model. The subjects in this study were students of class XI-F1 SMA Negeri 12 Medan and the objects in this study were digital student worksheets based on Contextual Teaching and Learning to improve students' critical thinking skills. The research instruments used were questionnaires and tests. The results showed that: (1) students' critical thinking skills from the results of the n-gain analysis obtained an increase of 0.78 in the high category, (2) the product developed met the validity criteria with an average score of 4.28 (very valid) for material validation and 4.14 (valid) for media validation, (3) the products developed have met the practicality criteria for experts by 88.56%, teachers by 90.90% and students by 88.33% and (4) product developed has met the effectiveness criteria according to (a) student learning outcomes have fulfilled the classical completeness of 97.22%, (b) post-test achievement on each indicator of completeness exceeds 65% of all students in the class who managed to get at least 75% of the learning objectives formulated and (c) students gave a positive response.

Keywords: Digital student worksheets, based on Contextual Teaching and Learning, critical thinking ability.