

PENGEMBANGAN LKPD BERBASIS *LEARNING CYCLE 7E* UNTUK MEMBERDAYAKAN *CRITICAL AND CREATIVE THINKING (CCT)* *SKILLS*

ABSTRAK

Penelitian ini bertujuan untuk membentuk LKPD tersinkronisasi dengan menggunakan *learning cycle 7E* yang diharapkan mampu memberdayakan *critical and creative thinking (CCT) skills* peserta didik. Penelitian ini menggunakan metode penelitian menurut ADDIE dengan lima tahapan yaitu: *Analisis, Design, Development, Implementation, Evaluation*. Teknik sampling yang digunakan dalam penelitian ini adalah *cluster random sampling*, dan sampel dalam penelitian ini adalah 34 peserta didik kelas IV di SDN 1 Labuhan Ratu. Hasil penelitian meliputi kelayakan, kepraktisan, dan keefektifan produk. Kelayakan produk dilihat dari hasil validasi produk tergolong sangat valid, pada segi materi menunjukkan rata-rata sebesar 0,768. Segi bahasa menunjukkan rata-rata sebesar 0,766. Segi media menunjukkan rata-rata sebesar 0,964. Segi pedagogik menunjukkan rata-rata sebesar 0,969. Instrumen tes juga divalidasi oleh validator sebagai produk penelitian menunjukkan rata-rata sebesar 0,875. Kepraktisan produk dapat dilihat dari kegiatan peserta didik dalam menggunakan produk selama pembelajaran menggunakan LKPD berbasis *Learning Cycle 7E*. Hasil rata-rata persentase sebesar 95% dengan interpretasi sangat praktis. Efektivitas produk dapat dilihat berdasarkan hasil rekapitulasi menunjukkan bahwa pada tahap *pre-test* memiliki nilai rata-rata sebesar 36,250. Tahap *post-test* memiliki nilai rata-rata sebesar 78,176. Hal ini membuktikan bahwasannya terjadi peningkatan nilai pada tahap *pre-test* ketika sebelum menggunakan dan pada tahap *post-test* sesudah menggunakan produk LKPD berbasis *Learning Cycle 7E*. Hasil identifikasi CCT peserta didik dalam menggunakan LKPD berbasis *Learning Cycle 7E* menunjukkan pada tahap *pre-test* memiliki rata-rata CCT sebesar 38,06 sedangkan pada tahap *post-test* memiliki rata-rata CCT sebesar 79,47. Kesimpulannya bahwa produk LKPD berbasis *Learning Cycle 7E* sangat efektif digunakan peserta didik dalam memberdayakan *critical and creative thinking (CCT) skills* peserta didik di kelas IV SDN 1 Labuhan Ratu.

Kata kunci: LKPD, *Learning Cycle 7E*, CCT

DEVELOPMENT OF 7E-BASED LEARNING CYCLE LKPD TO EMPOWER CRITICAL AND CREATIVE THINKING (CCT) SKILLS

ABSTRACT

This study aims to form synchronized worksheets using the 7E learning cycle which is expected to be able to empower students' critical and creative thinking (CCT) skills. In this study using research methods according to ADDIE with five stages, namely: Analysis, Design, Development, Implementation, Evaluation. The sampling technique used in this study was cluster random sampling, and the samples in this study were 34 fourth grade students at SDN 1 Labuhan Ratu. The results of the research include the feasibility, practicality, and effectiveness of the product. Product feasibility seen from the results of product validation is classified as very valid, in terms of material it shows an average of 0.768. The language aspect shows an average of 0.766. The media aspect shows an average of 0.964. The pedagogic aspect shows an average of 0.969. The test instrument was also validated by the validator as a research product showing an average of 0.875. The practicality of the product can be seen from the students' activities in using the product during learning using LKPD based on Learning Cycle 7E. The average yield of the proportion is 95% with a very practical interpretation. Product effectiveness can be seen based on the recapitulation results showing that at the pre-test stage it has an average value of 36,250. At the post test stage it has an average value of 78,176. This proves that there was an increase in scores in the pre-test stage when before using it and in the post-test stage after using the Learning Cycle 7E-based worksheet product. The results of assisting CCT participants in using Learning Cycle 7E-based LKPD showed that at the pre-test stage it had an average CCT of 38.06 while at the post-test stage it had an average CCT of 79.47. The conclusion is that the Learning Cycle 7E-based LKPD product is very effective for students to use in critical and creative thinking (CCT) skills of students in class IV SDN 1 Labuhan Ratu.

Keywords: *Worksheets, Learning Cycle 7E, CCT*