

ABSTRAK

PENGARUH MODEL *CONNECTIVE-COLLABORATIVE PROBLEM BASED* TERHADAP KEMAMPUAN BERPIKIR KRITIS DAN *SUSTAINABILITY AWARENESS* PESERTA DIDIK KELAS VII SMP NEGERI 8 BANDAR LAMPUNG

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Penelitian ini bertujuan untuk mengetahui pengaruh model *Connective-Collaborative Problem Based* (CCPB) terhadap kemampuan berpikir kritis dan *sustainability awareness* peserta didik kelas VII di SMP Negeri 8 Bandar Lampung. Jenis penelitian yang digunakan adalah quasi eksperimen dengan desain *non-equivalent control group design*. Populasi penelitian terdiri dari peserta didik kelas VII, dengan kelas VII D sebagai kelas eksperimen yang menggunakan model CCPB dan kelas VII C sebagai kelas kontrol yang menggunakan model *discovery learning*. Penentuan sampel dilakukan dengan teknik *purposive sampling*. Teknik pengumpulan data dilakukan secara kuantitatif dan kualitatif. Data kemampuan berpikir kritis diperoleh melalui tes uraian, sedangkan data *sustainability awareness* diperoleh melalui angket. Analisis peningkatan hasil belajar dilakukan menggunakan uji *N-gain* berdasarkan nilai *pretest* dan *posttest* serta *pre-angket* dan *post-angket*. Hasil penelitian menunjukkan bahwa rata-rata nilai *N-gain* kelas eksperimen sebesar 0,61 dengan kategori sedang, lebih tinggi dibandingkan kelas kontrol sebesar 0,31 dengan kategori sedang. Selain itu, hasil angket *sustainability awareness* menunjukkan rata-rata persentase sebesar 88,4% yang termasuk dalam kategori tinggi. Pengujian hipotesis menggunakan uji *Independent Sample T-test* dengan *Sig. (2-tailed)* $0.01 < 0.05$ yang menunjukkan bahwa H_1 diterima dan H_0 ditolak. Sementara itu, hasil uji *effect size* sebesar 2,15 menunjukkan kriteria sangat tinggi. Dengan demikian, pembelajaran dengan model CCPB berpengaruh signifikan terhadap peningkatan kemampuan berpikir kritis dan *sustainability awareness* peserta didik kelas VII di SMP Negeri 8 Bandar Lampung.

Kata Kunci : *Connective-Collaborative Problem Based*, Kemampuan Berpikir Kritis, *Sustainability Awareness*

ABSTRACT

THE EFFECT OF THE CONNECTIVE-COLLABORATIVE PROBLEM-BASED MODEL ON CRITICAL THINKING ABILITIES AND SUSTAINABILITY AWARENESS OF GRADE VII STUDENTS AT SMP NEGERI 8 BANDAR LAMPUNG

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This study aims to determine the effect of the Connective-Collaborative Problem Based (CCPB) model on the critical thinking skills and sustainability awareness of seventh-grade students at SMP Negeri 8 Bandar Lampung. The type of research used is a quasi-experiment with a non-equivalent control group design. The research population consists of seventh-grade students, with class VII D as the experimental class using the CCPB model and class VII C as the control class using the discovery learning model. The sample determination was carried out using purposive sampling techniques. Data collection techniques were done both quantitatively and qualitatively. Data on critical thinking skills were obtained through essay tests, while sustainability awareness data were obtained through questionnaires. The analysis of learning outcome improvement was conducted using the N-gain test based on pretest and posttest scores as well as pre-questionnaire and post-questionnaire scores. The research results show that the average N-gain score of the experimental class is 0.61 with a moderate category, higher than the control class score of 0.31 with a moderate category. In addition, the results of the sustainability awareness questionnaire show an average percentage of 88.4%, which falls into the high category. Hypothesis testing using an Independent Sample T-test with Sig (2-tailed) $0.01 < 0.05$ indicates that H_1 is accepted and H_0 is rejected. Meanwhile, the effect size test results of 2.15 indicate a very high criterion. Thus, learning using the CCPB model has a significant effect on improving critical thinking skills and sustainability awareness of seventh-grade students at SMP Negeri 8 Bandar Lampung.

Keywords: *Connective-Collaborative Problem-Based, Critical Thinking Skills, Sustainability Awareness*