

ABSTRAK

MODEL PEMBELAJARAN *CONTEXTUAL TEACHING AND LEARNING (CTL)* BERBASIS *ECOLOGICAL APPROACH* UNTUK MENINGKATKAN KEMAMPUAN BERPIKIR SPASIAL PESERTA DIDIK SMPN 11 PESAWARAN

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Pembelajaran ilmu pengetahuan sosial (IPS) dengan penggunaan model konvensional kurang melibatkan peserta didik secara aktif, khususnya dalam memahami konsep geografi. Penggunaan model pembelajaran *contextual teaching and learning (CTL)* berbasis *ecological approach* menawarkan solusi melalui pembelajaran di dalam kelas dan juga langsung dilingkungan nyata yang sesuai dengan pembelajaran ilmu pengetahuan sosial (IPS). Tujuan dari penelitian ini adalah untuk mengetahui pengaruh model pembelajaran *contextual teaching and learning (CTL)* berbasis *ecological approach* dapat meningkatkan kemampuan berpikir spasial peserta didik SMPN 11 Pesawaran. Metode yang digunakan dalam penelitian ini adalah *quasi-experimental design* menggunakan rancangan *two-group pretest-post test control group design* dengan pendekatan kuantitatif. Sampel dalam penelitian ini berjumlah 66 peserta didik yang terdiri dari kelas eksperimen dan kelas kontrol dengan masing-masing berjumlah 33 peserta didik. Teknik analisis data yang digunakan adalah uji *Independent Samplet Test* dan uji *N-Gain Score* berbantuan SPSS versi 29. Hasil analisis data menunjukkan bahwa $t_{hitung} 11,145 > t_{tabel} 1,999$, maka H_0 ditolak dan H_1 diterima, artinya terdapat pengaruh yang signifikan pada penggunaan model pembelajaran *contextual teaching and learning (CTL)* berbasis *ecological approach* terhadap peningkatan kemampuan berpikir spasial peserta didik. Efektivitas penggunaan model pembelajaran *contextual teaching and learning (CTL)* berbasis *ecological approach* juga dapat dilihat berdasarkan perbedaan nilai rata-rata (mean) *N-Gain Score* pada kelas eksperimen sebesar 58,74% (cukup efektif) dan kelas kontrol sebesar 31,62% (tidak efektif). Dengan demikian, model pembelajaran *contextual teaching and learning (CTL)* berbasis *ecological approach* dinilai cukup efektif dibandingkan dengan model pembelajaran konvensional untuk meningkatkan kemampuan berpikir spasial peserta didik dalam memahami konsep-konsep Ilmu Pengetahuan Sosial (IPS).

Katakunci: model pembelajaran, *ecological approach*, kemampuan berpikir spasial.

ABSTRACT

CONTEXTUAL TEACHING AND LEARNING (CTL) LEARNING MODEL BASED ON ECOLOGICAL APPROACH TO IMPROVE SPATIAL THINKING ABILITY OF SMPN 11 PESAWARAN STUDENTS

By

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Learning social science (IPS) with the use of conventional models does not involve students actively, especially in understanding geography concepts. The use of contextual teaching and learning (CTL) learning model based on ecological approach offers a solution through learning in the classroom and also directly in the real environment in accordance with social science learning. The purpose of this study was to determine the effect of contextual teaching and learning (CTL) learning model based on ecological approach can improve the spatial thinking ability of students of SMPN 11 Pesawaran. The method used in this research is quasi-experimental design using two-group pretest-posttest control group design with quantitative approach. The sample in this study amounted to 66 students consisting of experimental classes and control classes with 33 students each. The data analysis technique used is the Independent Sample t Test and the N-Gain Score test assisted by SPSS version 29. The results of data analysis show that the t_{count} is $11.145 > t_{table} 1.999$, then H_0 is rejected and H_1 is accepted, meaning that there is a significant effect on the use of the contextual teaching and learning (CTL) learning model based on an ecological approach to improving students' spatial thinking skills. The effectiveness of using contextual teaching and learning (CTL) learning model based on ecological approach can also be seen based on the difference in the mean value of N-Gain Score in the experimental class of 58.74% (quite effective) and the control class of 31.62% (ineffective). Thus, the contextual teaching and learning (CTL) learning model based on ecological approach is considered quite effective compared to conventional learning models to improve students' cognitive abilities in understanding Social Studies (IPS) concepts.

Keywords: learning model, ecological approach, spatial thinking ability