

ABSTRACT

This research aims to determine the increase in critical thinking skills by using the Contextual Teaching and Learning (CTL) model of heat material and its changes in fifth grade elementary school students. The research subjects were 30 class V students at SDN Sirmagalih consisting of 11 female students and 19 male students. The quantitative data collection technique used was by providing pretest and posttest questions. The results of this research which has been carried out can be concluded by using the Contextual Teaching and Learning (CTL) model to improve critical thinking skills regarding heat material and its changes in fifth grade elementary school students who have an average score of 54,87 before carrying treatment and have experienced an increase amounted to 77,35 after using treatment.

Keywords: *Cotextual Teaching and Leraning Model, Critical Thinking Skills, Heat and Change*

ABSTRAK

Penelitian ini mempunyai tujuan untuk mengetahui peningkatan kemampuan berpikir kritis dengan menggunakan model *Contextual Teaching and Learning* (CTL) materi kalor dan perubahannya pada siswa kelas V sekolah dasar. Subjek penelitian adalah siswa kelas V SDN Sirnagalih sebanyak 30 siswa terdiri 11 siswa perempuan dan 19 siswa laki-laki. Adapun teknik pengumpulan data kuantitatif yang menggunakan yaitu dengan memberikan soal pretest dan posttest. Hasil penelitian dapat disimpulkan dengan menggunakan model *Contextual Teaching and Learning* (CTL) untuk meningkatkan kemampuan berpikir kritis materi kalor dan perubahannya pada siswa kelas V mengalami peningkatan yang memiliki nilai rata-rata 57,87 sebelum melakukan *treatment* dan mengalami peningkatan sebesar 77,35 nilai rata-rata setelah menggunakan *treatment*.

Kata Kunci: Model Contextual Teaching and Learning, Berpikir Kritis, Kalor Dan Perubahannya