ABSTRAK

Rizqi, Ardhah Nur. 2024. *Efektivitas Model Pembelajaran Children Learning In Science (CLIS) Berbantuan Media Pembelajaran Geogebra Terhadap Kemampuan Literasi Numerasi Peserta Didik Kelas V SD Sedesa Bumijawa.* Skripsi. Program Studi Pendidikan Guru Sekolah Dasar Universitas Peradaban. Anwar Ardani, M.Pd.

Kata kunci: *Children Learning In Science,* Geogebra, Literasi Numerasi

Penelitian ini dilatar belakangi oleh rendahnya kemampuan literasi numerasi peserta didik di jenjang sekolah dasar, oleh karena itu penelitian ini bertujuan untuk mengetahui efektivitas penerapan model pembelajaran CLIS berbantuan media pembelajaran *Geogebra* terhadap peserta didik kelas V SD Sedesa Bumijawa. Metode penelitian yang digunakan adalah pendekatan kuantitatif dengan jenis eksperimen. Populasi dalam penelitian ini adalah peserta didik kelas V SD Negeri Sedesa Bumijawa. Teknik sampling yang digunakan yaitu *cluster random sampling.* Sampelnya yaitu 35 peserta didik kelas V SD Negeri Bumijawa 02 sebagai kelas eksperimen dan 32 peserta didik kelas V SD Negeri Bumijawa 04 sebagai kelas kontrol. Pengumpulan data menggunakan tes dan observasi yang telah divalidasi oleh ahli dan diuji reliabilitasnya. Analisis data menggunakan uji *independent sampel t-test* dan *paired t-test.* Hasil uji *independent sampel t-test* pada penelitian ini diperoleh t_{hitung} sebesar 2,145 sementara nilai t_{tabel} adalah 1,997 karena nilai $t_{hitung} > t_{tabel}$, maka H_0 ditolak dan H_1 diterima. Artinya, kemampuan literasi numerasi peserta didik yang pembelajarannya menggunakan model CLIS berbantuan media pembelajaran Geogebra lebih baik dari pada peserta didik yang pembelajarannya menggunakan model konvensional. Selain itu berdasarkan uji *paired sampel t-test* diperoleh t_{hitung} sebesar 12,271 dan nilai t_{tabel} sebesar 2,032 karena $t_{hitung} > t_{tabel}$, maka H_0 ditolak dan H_1 diterima. Artinya, penerapan model pembelajaran CLIS berbantuan media pembelajaran *Geogebra* dapat meningkatkan kemampuan literasi numerasi peserta didik. Maka dapat disimpulkan bahwa model pembelajaran CLIS berbantuan media pembelajaran Geogebra efektif terhadap kemampuan literasi numerasi peserta didik.

ABSTRACT

Rizqi, Ardhah Nur. 2024. *The Effectiveness of the Children Learning in Science (CLIS) Learning Model Assisted by Geogebra Learning Media on the Numeracy Literacy Skills of Fifth Grade Students at Public Elementary School in Bumijawa Village.* Thesis. Peradaban University Primary School Teacher Education Study Program. Anwar Ardani, M.Pd.

Keyword: Children Learning In Science, Geogebra**,** Numeracy Literacy

This research was motivated by the low numeracy literacy skills of students at elementary school level, therefore this research aims to determine the effectiveness of implementing the CLIS learning model assisted by Geogebra learning media for fifth grade elementary school students in Bumijawa. The research method used was a quantitative approach with an experimental type. The population in this study were fifth grade elementary school students in Bumijawa. The sampling technique used was cluster random sampling. The sample was 35 fifth-grade students from Bumijawa 02 public elementary school as the experimental class and 32 fifth-grade students from Bumijawa 04 public elementary school as the control class. Data collection uses tests and observations that have been validated by experts and tested for reliability. Data analysis used independent sample t-test and paired t-test. The results of the independent sample t-test in this study obtained t_{count} of 2.145 while the t_{table} value was 1.997 because the t_{count} value > t_{table}, then H_0 was rejected and H_1 was accepted. This means that the numeracy literacy skills of students whose learning uses the CLIS model assisted by Geogebra learning media are better than students whose learning uses conventional models. Apart from that, based on the paired sample t-test, the t_{count} was 12.271 and the t_{table} value was 2.032 because t_{count} > t_{table}, so H_0 was rejected and H_1 was accepted. This means that the application of the CLIS learning model assisted by Geogebra learning media can improve students' numeracy literacy skills. So it can be concluded that the CLIS learning model assisted by Geogebra learning media was effective for students' numeracy literacy abilities.