

Venna Bella Chintya Damayanti. 2023. Efektivitas *CTL* Berbantuan *Crossword Puzzle* terhadap Hasil Belajar Kognitif Siswa Materi Bumi dan Tata Surya. Skripsi, Program Studi Pendidikan IPA, Fakultas Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Eva Ari Wahyuni

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui efektivitas *CTL* berbantuan *crossword puzzle* terhadap hasil belajar kognitif siswa materi bumi dan tata surya. Penelitian ini menggunakan metode kuantitatif dengan desain penelitian *one group pretest posttest design*. Populasi penelitian ini yaitu seluruh siswa kelas VII tahun pelajaran 2022/2023. Pengambilan sampel pada penelitian ini yaitu menyesuaikan dengan kondisi sekolah dimana kelas VII-C yang terpilih menjadi sampelnya. Instrument pengambilan data yang digunakan yaitu soal tes, lembar observasi keterlaksanaan pembelajaran, dan juga angket respons siswa. Teknik pengolahan data menggunakan uji N-Gain. Hasil penelitian menunjukkan bahwa perhitungan N-Gain memperoleh rata-rata sebesar 0,59 dengan kategori sedang, hal tersebut menunjukkan bahwa pembelajaran *CTL* berbantuan *crossword puzzle* efektif digunakan terhadap hasil belajar siswa. Pembelajaran *CTL* berbantuan *crossword puzzle* terlaksana dengan sangat baik dengan skor rata-rata keterlaksanaan pembelajaran sebesar 100%. Siswa memberikan respons sangat baik setelah diterapkannya pembelajaran *CTL* berbantuan *crossword puzzle* dengan rata-rata skor angket respons siswa sebesar 87,80%.

Kata kunci: *Crossword puzzle*, *CTL*, hasil belajar kognitif, tata surya.

Venna Bella Chintya Damayanti. 2023. *The effectiveness of CTL Assisted by Crossword Puzzle on Cognitive Learning Outcomes of Earth and Solar System.* Thesis, Science Education Study Program, Faculty of Education, Universitas Trunojoyo Madura. Advisor : Eva Ari Wahyuni

ABSTRACT

The purpose of this study was to determine the effectiveness of CTL assisted crossword puzzle on students' cognitive learning outcomes of earth and solar system material. This research uses a quantitative method with a one group pretest posttest design. The population of this study were all seventh grade students in the 2022/2023 academic year. Sampling in this study is to adjust to the conditions of the school where class VII-C was selected as the sample. The data collection instruments used were test questions, observation sheets of learning implementation, and also student response questionnaires. The data processing technique uses the N-Gain test. The results showed that the N-Gain calculation obtained an average of 0,59 with a moderate category, indicating that CTL learning assisted by crossword puzzles was effectively used on student learning outcomes. CTL learning assisted by crossword puzzle was implemented very well with an average score of learning implementation of 100%. Students responded very well after the implementation of CTL learning assisted by crossword puzzle with an average student response questionnaire score of 87.80%.

Keywords: Cognitive learning outcomes, crossword puzzle, CTL, solar system.