ABSTRAK

Ajeng, H.K. 2023. *Efektivitas Model Pembelajaran Guided discovery Learning Berbantuan Tatabox Pada Materi Bangun Ruang Sisi Datar di MTs NU Durung Bedug*. Skripsi. Program Studi Pendidikan Matematika STKIP PGRI Sidoarjo. Dosen Pembimbing : 1) Eka Nurmala Sari Agustina, S.Pd., M.Pd. 2) Risdiana Chandra Dhewy, S.Si., M.Si.

Kata kunci : *Efektivitas, guided discovery learning, tatabox*

Penelitian ini bertujuan untuk mengetahui tingkat efektivitas yang diberikan oleh model pembelajaran *guided discovery learning* berbantuan media TataBox pada materi bangun ruang sisi datar. Jenis penelitian ini adalah penelitian deskriptif kuantitatif. Desain penelitian yang digunakan yaitu *Posttest-only design with nonequivalent groups*. Penelitian ini dilaksanakan pada tahun ajaran 2023/2024 di MTs NU Durung Bedug. Sampel penelitian ini adalah siswa kelas VII-C sebanyak 42 siswa sebagai kelas eksperimen dan kelas VII-E sebanyak 41 siswa sebagai kelas kontrol. Instrumen yang digunakan adalah lembar observasi aktivitas guru, lembar observasi aktivitas siswa, lembar angket respon siswa dan soal tes hasil belajar siswa. Hasil penelitian menunjukkan bahwa rata-rata skor penilaian aktivitas guru selama pembelajaran berlangsung senilai 3,61 sehingga dapat dikategorikan dengan sangat baik, rata-rata skor penilaian aktivitas siswa selama pembelajaran berlangsung senilai 3,41 sehingga dapat dikategorikan dengan baik, dan siswa merespon pembelajaran secara positif dengan persentase 85,03%. Hasil analisis tes hasil belajar siswa dengan menggunakan uji komparatif dua sampel independen menunjukkan bahwa nilai t_{hitung} (5,081) > t_{tabel} (1,98969) maka H_0 ditolak dan nilai p-value (0,000) $\leq$ t_{tabel} 0,05 maka H_0 ditolak. Hasil tes belajar siswa juga menunjukkan bahwa persentase ketuntasan belajar siswa pada kelas eksperimen sebesar 81% sedangkan ketuntasan belajar siswa pada kelas kontrol sebesar 49%.

ABSTRACT

Ajeng, H.K. 2023. Effectiveness of Guided discovery Learning Model assisted by Tatabox on Flat Side Spatial Buildings Material at MTs NU Durung Bedug. Thesis. Mathematics Education Study Program STKIP PGRI Sidoarjo. Supervisors: 1) Eka Nurmala Sari Agustina, S.Pd., M.Pd. 2) Risdiana Chandra Dhewy, S.Si., M.Si.

Keywords: Effectiveness, guided discovery learning, tatabox

This study aims to determine the level of effectiveness provided by the guided discovery learning model assisted by TataBox media on the material of flat-sided space building. This type of research is quantitative descriptive research. The research design used is Posttest-only design with nonequivalent groups. This research was conducted in the 2023/2024 school year at MTs NU Durung Bedug. The samples of this study were students of class VII-C as many as 42 students as the experimental class and class VII-E as many as 41 students as the control class. The instruments used were teacher activity observation sheets, student activity observation sheets, student response questionnaires and student learning outcomes test questions. The results showed that the average score of teacher activity assessment during learning was 3.61 so that it could be categorized as very good, the average score of student activity assessment during learning was 3.41 so that it could be categorized as good, and students responded positively to learning with a percentage of 85.03%. The results of the analysis of student learning outcomes tests using the comparative test of two independent samples show that the tcount value (5.081) > ttable (1.98969) then H0 is rejected and the p-value (0.000) ≤ ttable 0.05 then H0 is rejected. The results of the student learning test also show that the percentage of student learning completeness in the experimental class is 81% while the student learning completeness in the control class is 49%.