

## ABSTRAK

Mazidah, N. (2021). *Penerapan Model Pembelajaran Connecting, Organizing, Reflecting, Extending (CORE) pada Materi Bangun Ruang Sisi Datar di Kelas VIII Mts. Bilingual Sabilil Khoir*. Skripsi, Jurusan MIPA. Program Studi Pendidikan Matematika Sekolah Tinggi Keguruan dan Ilmu Pendidikan (STKIP) PGRI Sidoarjo.

Pembimbing : (1) Intan Bigita Kusumawati., S.Pd., M.Pd. (2) Siti Nuriyatin., S.Pd., M.Pd.

*Kata kunci : Model Pembelajaran Connecting, Organizing, Reflecting, Extending (CORE).*

Penelitian ini bertujuan untuk mengetahui aktivitas guru, aktivitas siswa, respons siswa dan hasil belajar siswa pada pembelajaran CORE pada materi bangun ruang sisi datar. Metode dalam penelitian ini menggunakan metode *one shot case study* dengan pendekatan deskriptif kuantitatif. Populasi dalam penelitian ini adalah siswa kelas VIII MTs. Bilingual Sabilil Khoir. Instrumen dalam penelitian ini berupa lembar observasi, lembar observasi siswa, soal tes, dan angket respons siswa. Hasil penelitian ini memperoleh kesimpulan bahwa, persentase observasi sebesar 79,25%, observasi aktivitas siswa mendapatkan 7 pernyataan sangat baik dan 5 pernyataan baik, hasil belajar siswa secara klasikal memperoleh persentase sebesar 85% dan dinyatakan “tuntas”, dan respons siswa dinyatakan positif karena respons siswa rata-rata berada pada kategori sangat baik.

## ABSTRACT

Mazidah, N. (2021). *Application of the Connecting, Organizing, Reflecting, Extending (CORE) Learning Model in the Material of Constructing Flat Sided Space in Class VIII Mts. Bilingual SabililKhoir*. Thesis, Mathematics and Natural Sciences Department. Teaching and Educational Sciences Higher Education Mathematics Education Study Program (STKIP) PGRI Sidoarjo.

Mentor : (1) Intan Bigita Kusumawati., S.Pd., M.Pd. (2) Siti Nuriyatin., S.Pd., M.Pd.

*Keywords: Learning Model Connecting, Organizing, Reflecting, Extending (CORE)*

This research aims to find out teacher activity, student activity, student response and student learning outcomes during CORE learning on flat-sided room building materials. The method in this study uses a one-shot case study method with a quantitative descriptive approach. The population in the study was class VIII MTs. Bilingual sabilil Khoir. Instruments in this study are observation sheets, student observation sheets, test questions, and student response questionnaires. The results of this study concluded that, the observation percentage of 79.25%, observation of student activity received 7 excellent statements and 5 good statements, student learning outcomes classically gained a percentage of 85% and were declared "complete", and student responses tested positive because the average student response was in the category of excellent.

