

ABSTRACT

RUSMINI. Effect of Contextual Learning Approach to The Ability of Mathematical Connection And Self- Confidence Student Class VIII SMP Negeri 8 Medan. Thesis, Medan : Mathematics Education Study Program Graduate Program State University of Medan (UNIMED). 2017

This study aims : (1) to describe the influence of contextual learning approaches to the ability of mathematical connections and *self-confidence* of students of grade VIII SMP Negeri 8 Medan. (2) to describe whether there is interactions between learning approach and student's early mathematical ability to the ability of mathematical connection and student self-confidence, (3) to describe the process completion of the student answers on contextual learning and expository learning. The reseach method use is quasi experimental method, the sample is taken by random and obtained by 68 students which is modeled as experiment class and controle class. Tes of connection ability mathematically measured through 5 items about the description. Self-confidence in through a questionnaire consisting of 30 items statement. Data analysis is done through a two – lanes variance of analysis. Based on data analysis the results are : (1) contextual learning approach gives a significant influence on the ability of mathematical connection and self-confidence of students, (2) there is no interaction between learning approach and students early mathematical ability to the ability of mathematical connections and self-confidence, (3) the process students' answers to contextual learning is better.

Keyword : Student Contextual Learning Approach. Ability of Mathematical Connection and Self-Confidence Student.



ABSTRAK

RUSMINI. Pengaruh Pendekatan Pembelajaran Kontekstual Terhadap Kemampuan Koneksi Matematis Dan *Self-Confidence* Siswa Kelas VIII SMP Negeri 8 Medan. Tesis. Medan: Program Studi Pendidikan Matematika Program Pascasarjana Universitas Negeri Medan (UNIMED). 2017.

Penelitian ini bertujuan : (1) mendeskripsikan pengaruh pendekatan pembelajaran kontekstual terhadap kemampuan koneksi matematis (KKM) dan *self-confidence* (SC) siswa kelas VIII SMP Negeri 8 Medan. (2) mendeskripsikan apakah terdapat interaksi antara pendekatan pembelajaran dan kemampuan awal matematis (KAM) siswa terhadap kemampuan koneksi matematis dan *self-confidence* siswa, (3) mendeskripsikan proses jawaban penyelesaian masalah siswa pembelajaran kontekstual dan pembelajaran ekspositori. Metode penelitian yang digunakan adalah metode quasi eksperimen, sampel diambil secara random dan diperoleh 68 siswa yang diumpamakan sebagai kelas eksperimen dan kelas kontrol. Tes kemampuan koneksi matematis diukur melalui 5 butir soal uraian. *Self-Confidence* diukur melalui angket yang terdiri dari 30 item pernyataan. Analisis data dilakukan melalui analisis varian dua jalur. Berdasarkan hasil analisis, (1) pendekatan pembelajaran kontekstual memberikan pengaruh yang signifikan terhadap kemampuan koneksi matematis dan *self-confidence* siswa, (2) tidak terdapat interaksi antara pendekatan pembelajaran dan kemampuan awal matematis siswa terhadap kemampuan koneksi matematis dan *self-confidence* siswa, (3) proses jawaban siswa pada pendekatan pembelajaran kontekstual lebih baik.

Kata Kunci : Pendekatan Pembelajaran Kontekstual, Kemampuan Koneksi Matematis dan *Self - Confidence* Siswa

