

ABSTRAK

Pengaruh Pembelajaran *Search Solve Create Share (SSCS)* terhadap Pemahaman Konsep Matematika dengan Mengendalikan Kemampuan Numerik Siswa

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Penelitian ini bertujuan untuk mengetahui pengaruh pembelajaran *search, solve, create, share (SSCS)* terhadap pemahaman konsep matematika dengan mengendalikan kemampuan numerik siswa kelas VII SMP (SLUB) Saraswati 1 Denpasar. Penelitian ini merupakan penelitian eksperimen semu (*quasi eksperimen*) dengan populasinya adalah siswa kelas VII SMP (SLUB) Saraswati 1 Denpasar pada semester ganjil tahun pelajaran 2019/2020. Pemilihan sampel sebanyak 2 kelas dilakukan dengan teknik *cluster random sampling*. Pengumpulan data menggunakan tes kemampuan pemahaman konsep matematika siswa berkaitan dengan materi pecahan dan tes kemampuan numerik. Data yang dikumpulkan dianalisis dengan Uji F, ANAKOVA, dan Korelasi Produk Momen. Berdasarkan hasil perhitungan, diperoleh bahwa: (1) terdapat pengaruh positif pembelajaran *SSCS* terhadap pemahaman konsep matematika siswa kelas VII SMP (SLUB) Saraswati 1 Denpasar, dengan nilai signifikansi 0,018, (2) setelah diadakan pengendalian variabel kemampuan numerik, terdapat pengaruh positif pembelajaran *SSCS* terhadap pemahaman konsep matematika siswa kelas VII SMP (SLUB) Saraswati 1 Denpasar, dengan nilai signifikansi 0,041, dan (3) terdapat kontribusi kemampuan numerik siswa terhadap kemampuan pemahaman konsep matematika siswa sebesar 15,21 %.

Kata kunci: kemampuan, pemahaman, konsep, numerik, matematika, *SSCS*

ABSTRACT

The Effect of Search Solve Create Share Learning (SSCS) on Understanding Mathematical Concepts by Controlling Student Numerical Ability

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This research aims for knowing the effect of learning of search, solve, ceate, share (SSCS) toward the understanding of mathematical concept with control of grade 7th students' numeric ability of SMP (SLUB) Saraswati 1. This research is quasi experiment with the population is grade 7th students of SMP (SLUB) Saraswati 1 Denpasar Denpasar on 1st Semester in the odd semester of the academic year 2019/2020. Sample selection in was conducted twice by using cluster random sampling technique. The data collection used students' mathematical concept understanding ability test related to fractional subject and numeric ability test. The data collection was analysed by F Test, ANACOVA, and Product Moment Correlation. Based on the calculation result found that: 1) there is positive learning effect SSCS toward grade 7th mathematical concept understanding ability of SMP (SLUB) Saraswati 1 Denpasar, with significant score 0,018, (2) after controlling variable of numerical ability there is learning positive effect SSCS there is positive learning effect SSCS toward grade 7th mathematical concept understanding ability of SMP (SLUB) Saraswati 1 Denpasar, with significant score 0,041 and (3) there is a contribution of students' numeric ability toward students mathematical concept understanding ability as much 15,21%

Keywords: ability, understanding, concept, numerical, mathematics and SSCS

