

## ABSTRAK

Suryawan, I Gede Putu (2019), *Pengaruh Model Pembelajaran Search, Solve, Create and Share (SSCS) Berbantuan Media Kartu Masalah terhadap Kemampuan Berpikir Kritis dan Kemampuan Pemecahan Masalah Matematika Siswa Kelas IV SD di Gugus XIII Kecamatan Buleleng*. Tesis Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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*Kata-kata kunci:* SSCS, kemampuan berpikir kritis, kemampuan pemecahan masalah

Penelitian ini bertujuan untuk mengidentifikasi perbedaan secara simultan kemampuan berpikir kritis dan pemecahan masalah matematika antara kelompok siswa yang mengikuti model pembelajaran SSCS berbantuan media kartu masalah dan kelompok siswa yang mengikuti model pembelajaran konvensional. Jenis penelitian ini adalah penelitian eksperimen semu dengan rancangan *single factor independent groups design*. Populasi penelitian ini adalah seluruh siswa kelas IV SD di gugus XIII Kecamatan Buleleng yang berjumlah 189 siswa, pengambilan sampel menggunakan teknik *random sampling* dengan cara undian. Sampel penelitian yaitu siswa kelas IV SD Negeri 2 Banjar Tegal dan siswa kelas IV SD Negeri 3 Banjar Tegal. Data kemampuan berpikir kritis dan kemampuan pemecahan masalah matematika siswa dikumpulkan menggunakan tes uraian. Data yang diperoleh dianalisis dengan menggunakan teknik analisis statistik deskriptif dan inferensial (anava-a dan manova). Temuan yang diperoleh dalam penelitian ini yaitu kelompok siswa yang mengikuti pembelajaran menggunakan model SSCS dalam kemampuan berpikir kritis siswa nampak memiliki kemampuan bertindak secara normatif, bernalar tentang sesuatu yang dilihat, didengar atau dipikirkan terhadap suatu masalah. Sedangkan kemampuan pemecahan masalah dengan model pembelajaran SSCS, siswa tampak gigih dan analitis untuk dapat mencari penyelesaian masalah. Hal ini berarti model pembelajaran SSCS berpengaruh positif terhadap kemampuan berpikir kritis dan pemecahan masalah matematika siswa kelas IV SD.

## ABSTRACT

*Suryawan, I Gede Putu (2019), Effects of Search Learning Model, Solve, Create and Share (SSCS) Assisted by Media Card Problems on Critical Thinking Ability and Mathematical Problem Solving Ability of Grade IV Elementary School Students in Buleleng Subdistrict. Basic Education Thesis, Postgraduate Program, University of Education Ganesha.*

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*Key words: SSCS, critical thinking skills, problem solving skills*

*This research is aimed to identify differences simultaneously in critical thinking skills and mathematical problem solving between groups of students who join the SSCS learning model assisted by problem card media and groups of students who join the conventional learning models. This type of research is an a quasi-experimental study with a single factor independent group design. The population of this research were all fourth grade students of elementary school in XIII Buleleng sub-district which numbered 189 students, taking samples used random sampling technique by lottery method. The sample of the study were the fourth grade students of Public Elementary School 2 Banjar Tegal and fourth grade students of Public Elementary School 3 Banjar Tegal. The data on critical thinking skills and mathematical problem solving were collected by using description tests. The data obtained were analyzed by using descriptive and inferential statistical analysis techniques (anava-a and manova). The findings gotten in this study are groups of students who take part in learning using the SSCS learning model in students' critical thinking skills, which discussed problems that were seen, heard or thought about problems. Meanwhile the problem solving skills with the SSCS learning model, students seem persistent and analytical to find the solutions of the problems. This means that the SSC learning model has positive effects on critical thinking skills and mathematical problem solving fourth grade studens in elementary school.*