

ABSTRAK

Melly Wulandari. 2024. **PENGARUH MODEL *SEARCH, SOLVE, CREATE, SHARE* (SSCS) TERHADAP KETERAMPILAN BERPIKIR KREATIF PESERTA DIDIK PADA MATERI GELOMBANG CAHAYA**

Penelitian ini dilatarbelakangi berdasarkan hasil studi pendahuluan di SMA Negeri 2 Singaparna yang menunjukkan bahwa keterampilan berpikir kreatif peserta didik pada materi gelombang cahaya rendah dengan rata-rata persentase 37,3% dari 30 peserta didik, serta kurangnya inovasi dalam penggunaan model pembelajaran Fisika. Untuk mengatasi masalah tersebut, peneliti menerapkan model pembelajaran *search, solve, create, share* (SSCS). Tujuan penelitian ini adalah untuk mengetahui pengaruh model SSCS terhadap keterampilan berpikir kreatif pada materi Gelombang Cahaya. Metode penelitian yang digunakan adalah *Quasi Experiment* dengan desain *post-test only control group design*. Populasi penelitian meliputi seluruh kelas XI MIPA SMA Negeri 2 Singaparna sebanyak 4 kelas, dan sampel penelitian dipilih menggunakan teknik *Cluster Random Sampling*, yaitu kelas XI MIPA 2 sebagai kelas eksperimen dan kelas XI MIPA 1 sebagai kelas kontrol. Teknik pengumpulan data dilakukan melalui tes (*posttest*) berupa soal uraian yang mencakup 4 indikator keterampilan berpikir kreatif. Berdasarkan uji hipotesis dengan uji t pada taraf signifikansi ($\alpha = 0,05$), diperoleh hasil $t_{hitung} > t_{tabel}$ yang berarti H_a diterima. Kesimpulannya, pada taraf kepercayaan 95%, model pembelajaran SSCS berpengaruh terhadap keterampilan berpikir kreatif peserta didik pada materi gelombang cahaya di kelas XI MIPA SMA Negeri 2 Singaparna tahun ajaran 2023/2024. Rata-rata nilai *posttest* keterampilan berpikir kreatif peserta didik di kelas eksperimen yang menggunakan model SSCS lebih tinggi dibandingkan kelas kontrol yang tidak menggunakan model SSCS. Hal ini dikarenakan model SSCS dapat melatih peserta didik dalam memahami dan mengidentifikasi masalah, merencanakan strategi penyelesaian, mengintegrasikan solusi, dan mengkomunikasikan hasilnya, sehingga keterampilan berpikir kreatif peserta didik dapat berkembang dan terfasilitasi dengan baik dalam pembelajaran.

Kata kunci: gelombang cahaya, keterampilan berpikir kreatif, model *search, solve, create, share* (SSCS).

ABSTRACT

Melly Wulandari. 2024. THE EFFECT OF THE SEARCH, SOLVE, CREATE, SHARE (SSCS) MODEL ON STUDENTS' CREATIVE THINKING SKILLS IN LIGHT WAVE MATERIALS

This research was motivated by the results of a preliminary study at SMA Negeri 2 Singaparna which showed that students' creative thinking skills in light wave material were low with an average percentage of 37.3% of 30 students, as well as a lack of innovation in the use of Physics learning models. To overcome this problem, researchers applied the search, solve, create, share (SSCS) learning model. The purpose of this research is to determine the effect of the SSCS model on creative thinking skills in Light Waves material. The research method used was Quasi Experiment with a post-test only control group design. The research population included all 4 classes of class XI MIPA SMA Negeri 2 Singaparna, and the research sample was selected using the Cluster Random Sampling technique, namely class XI MIPA 2 as the experimental class and class XI MIPA 1 as the control class. The data collection technique was carried out through a test (posttest) in the form of essay questions which included 4 indicators of creative thinking skills. Based on hypothesis testing with the t test at the significance level ($\alpha=0.05$), the results obtained were $t_{test} > t_{table}$ which means H_a was accepted. In conclusion, at the 95% confidence level, the SSCS learning model influences students' creative thinking skills in light wave material in class XI MIPA SMA Negeri 2 Singaparna in the 2023/2024 academic year. The average posttest score for creative thinking skills of students in the experimental class that uses the SSCS model is higher than the control class that does not use the SSCS model. This is because the SSCS model can train students in understanding and identifying problems, planning resolution strategies, integrating solutions, and communicating the results, so that students' creative thinking skills can develop and be well facilitated in learning.

Keywords: light waves, creative thinking skills, search, solve, create, share (SSCS) models.