ABSTRAK

SYIFA LAILA YUSUF. 2026. PENGARUH MODEL SEARCH SOLVE CREATE SHARE (SSCS) TERHADAP KETERAMPILAN PROSES SAINS DAN KOMUNIKASI PADA MATERI BAKTERI (STUDI EKSPERIMEN DI KELAS X SMA NEGERI 1 MANONJAYA TAHUN AJARAN 2025/2026). Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Siliwangi, Tasikmalaya.

Rendahnya Keterampilan Proses Sains (KPS) dan Keterampilan Komunikasi siswa menjadi salah satu penyebab kurang optimalnya pemahaman konsep dan praktik ilmiah dalam pembelajaran biologi, khususnya materi bakteri. Penelitian ini dilakukan bertujuan untuk mengetahui pengaruh model pembelajaran Search, Solve, Create, Share (SSCS) terhadap keterampilan proses sains dan komunikasi pada materi bakteri. Metode yang digunakan adalah quasi eksperimental research dengan subjek siswa kelas X dan pengambilan sampel penelitian dilakukan dengan teknik purposive sampling sebanyak dua kelas. Pengumpulan data dilakukan melaui tes pilihan majemuk untuk keterampilan proses sains, angket untuk keterampilan komunikasi berupa pernyataan positif, negatif, dan wawancara. Analisis data dilakukan secara kuantitatif menggunakan uji manova dengan signifikansi <0.05. Hasil penelitian menunjukkan perolehan pada setiap indikator keterampilan proses sains dan komunikasi beragam. Perolehan skor rata-rata keterampilan proses sains kelas eksperimen lebih tinggi yaitu 15,56 dibandingkan kelas kontrol yaitu 13,16, demikian pula keterampilan komunikasi kelas eksperimen sebesar 80,58 lebih tinggi dibandingkan kelas kontrol sebesar 74,81. Penelitian ini menunjukkan bahwa penggunaan model pembelajaran Search, Solve, Create, Share (SSCS) berpengaruh signifikan terhadap keterampilan proses sains dan komunikasi siswa pada materi bakteri dengan perolehan skor rata-rata yang tinggi dan hasil sig. 0.028<α.

Kata kunci: Keterampilan Proses Sains, Keterampilan Komunikasi, Model Pembelajaran, Pembelajaran Sains, Bakteri.

ABSTRAK

SYIFA LAILA YUSUF. 2026. THE EFFECT OF SEARCH SOLVE CREATE SHARE (SSCS) MODEL ON SCIENCE PROCESS AND COMMUNICATION SKILLS ON BACTERIA MATERIAL (EXPERIMENTAL STUDY IN GRADE X OF SMA NEGERI 1 MANONJAYA IN THE 2025/2026 ACADEMIC YEAR). *Department of Biology Education, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.*

The low level of students' Science Process Skills (SPS) and Communication Skills is one of the causes of less than optimal understanding of scientific concepts and practices in biology learning, especially bacteria material. This study was conducted with the aim of determining the effect of the Search, Solve, Create, Share (SSCS) learning model on science process skills and communication on bacteria material. The method used was quasi-experimental research with class X students as subjects and the research sample was taken using a purposive sampling technique for two classes. Data collection was carried out through multiple choice tests for science process skills, questionnaires for communication skills in the form of positive and negative statements, and interviews. Data analysis was carried out quantitatively using the MANOVA test with a significance of <0.05. The results showed that the acquisition of each indicator of science process skills and communication varied. The average score of science process skills in the experimental class was higher at 15.56 compared to the control class at 13.16, as well as communication skills in the experimental class at 80.58, higher than the control class at 74.81. This study show that the use of the Search, Solve, Create, Share (SSCS) learning model significantly impacted students' science process and communication skills in bacteria, with a high average score and a significance level of 0.028<α.

Keywords*: Science Process Skills, Communication Skills, Learning Models, Science Learning, Bacteria.*