

ABSTRAK

RINDIANI. 2026. **PENGARUH MODEL RICOSRE BERBANTUAN MEDIA *QUESTION CARD* TERHADAP *SELF EFFICACY* DAN KETERAMPILAN PEMECAHAN MASALAH PESERTA DIDIK PADA MATERI SISTEM REPRODUKSI (Studi Eksperimen di Kelas XI SMA Negeri 1 Singaparna Tahun Ajaran 2025/2026).** Jurusan Pendidikan Biologi. Fakultas Keguruan dan Ilmu Pendidikan, Universitas Siliwangi.

Penelitian ini dilatarbelakangi oleh pentingnya *self efficacy* dan keterampilan pemecahan masalah dalam pembelajaran biologi yang masih belum berkembang secara optimal. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran RICOSRE berbantuan media *question card* terhadap *self efficacy* dan keterampilan pemecahan masalah peserta didik pada materi sistem reproduksi manusia. Penelitian ini menggunakan pendekatan kuantitatif dengan metode kuasi eksperimen dan desain *pretest-posttest nonequivalent control group design*. Penelitian dilaksanakan di SMA Negeri 1 Singaparna tahun ajaran 2025/2026 dengan populasi seluruh peserta didik kelas XI sebanyak 309 siswa yang terdiri atas 8 kelas. Sampel penelitian diambil menggunakan teknik *purposive sampling*, sehingga diperoleh kelas XI-10 sebagai kelas eksperimen dan kelas XI-9 sebagai kelas kontrol. Teknik pengumpulan data dilakukan melalui angket *self efficacy* skala Likert sebanyak 23 pernyataan dan tes keterampilan pemecahan masalah berupa 10 soal uraian. Data dianalisis menggunakan uji ANCOVA. Hasil penelitian menunjukkan bahwa nilai rata-rata *posttest self efficacy* pada kelas eksperimen sebesar 70,66, sedangkan pada kelas kontrol sebesar 60,45. Adapun nilai rata-rata *posttest* keterampilan pemecahan masalah pada kelas eksperimen sebesar 24,18, sedangkan pada kelas kontrol sebesar 20,22. Hasil uji hipotesis menunjukkan nilai signifikansi $< 0,05$, yang berarti terdapat pengaruh signifikan model pembelajaran RICOSRE berbantuan media *question card* terhadap *self efficacy* dan keterampilan pemecahan masalah peserta didik. Pengaruh tersebut diduga karena model RICOSRE mendorong peserta didik aktif mengidentifikasi masalah, menyusun solusi, dan melakukan refleksi, sedangkan *question card* membantu mengarahkan fokus berpikir peserta didik selama diskusi. Dengan demikian, penerapan model RICOSRE berbantuan *question card* pada konteks penelitian ini memberikan kontribusi dalam peningkatan *self efficacy* dan keterampilan pemecahan masalah peserta didik pada materi sistem reproduksi manusia.

Kata kunci: Model RICOSRE; *Question Card*; *Self Efficacy*; Keterampilan Pemecahan Masalah; Pembelajaran Biologi.

ABSTRACT

RINDIANI. 2026. ***THE EFFECT OF THE RICOSRE MODEL ASSISTED BY QUESTION CARDS ON SELF EFFICACY AND PROBLEM SOLVING SKILLS OF STUDENTS IN THE REPRODUCTIVE SYSTEM MATERIAL (an Experimental Study in Grade XI at SMA Negeri 1 Singaparna Academic Year 2025/2026).*** Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University.

This study was motivated by the importance of self `efficacy and problem-solving skills in biology learning, which have not yet been optimally developed. The purpose of this study was to determine the effect of the RICOSRE learning model, supported by question cards, on students' self efficacy and problem-solving skills regarding the human reproductive system. This study employed a quantitative approach using a quasi-experimental method and a pretest-posttest nonequivalent control group design. The study was conducted at State Senior High School 1 Singaparna during the 2025/2026 academic year, with a population of 309 students in the 11th grade, comprising 8 classes. The research sample was selected using purposive sampling, resulting in Class 11-10 as the experimental class and Class 11-9 as the control class. Data collection was conducted using a 23-item Likert-scale self efficacy questionnaire and a problem solving skills test consisting of 10 essay questions. The data were analyzed using an ANCOVA test. The results showed that the mean posttest self efficacy score in the experimental class was 70.66, while in the control class it was 60.45. The average posttest score for problem-solving skills in the experimental class was 24.18, while in the control class it was 20.22. The results of the hypothesis test showed a significance level of < 0.05 , indicating that the question-card-assisted RICOSRE learning model had a significant effect on students' self-efficacy and problem-solving skills. This effect is likely due to the RICOSRE model encouraging students to actively identify problems, devise solutions, and engage in reflection, while the question cards help direct students' thinking during discussions. Thus, the application of the question-card-assisted RICOSRE model in the context of this study contributes to improving students' self-efficacy and problem-solving skills regarding the human reproductive system.

Keywords: RICOSRE Model; Question Cards; Self Efficacy; Problem Solving Skills; Biology Education.