ABSTRAK

Lyly Alinta Paulina Sembiring, NIM. 4203111031 (2025). Efektifitas Penggunaan Model *Creative Problem Solving* (CPS) Berbantuan Video Pembelajaran Untuk Meningkatkan Kemampuan Pemecahan Masalah Matematis Siswa Kelas XI.

Penelitian ini bertujuan untuk mendeskripsikan tingkat efektivitas model pembelajaran *Creative Problem Solving* (CPS) berbantuan video pembelajaran dalam menigkatkan kemampuan pemecahan masalah matematis siswa. Jenis penelitian yang digunakan dalam penelitian ini adalah *Quasi Experiment* dengan pendekatan kuantitatif. Subjek dalam penelitian ini adalah siswa yang berasal dari dua kelas di SMA Negeri 1 Mardingding. Subjek pada penelitian ini diambil dengan teknik *Simple Random Sampling*. Berdasarkan penelitian dan analisis data yang telah dilakukan, hasil penelitian menunjukkan bahwa model pembelajaran *Creative Problem Solving* efektif terhadap kemampuan pemecahan masalah matematika siswa. Dengan demikian, bahwa kemampuan pemecahan masalah matematis siswa dengan model pembelajaran *Creative Problem Solving* (CPS) berbantuan video pembelajaran lebih efektif dibandingkan dengan kemampuan pemecahan masalah matematis siswa model pembelajaran konvensional di Kelas XI – IPA SMA Negeri 1 Mardingding pada Tahun Ajaran 2024/2025.

Kata Kunci : Video Pembelajaran, Model Pembelajaran CPS, Kemampuan Pemecahan Masalah Matematis.

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ABSTRACT

Lyly Alinta Paulina Sembiring, NIM. 4203111031 (2025). Effectiveness of Using Creative Problem Solving (CPS) Model Assisted by Learning Videos to Improve Mathematical Problem Solving Ability of Class XI Students.

This study aims to describe the level of effectiveness of the Creative Problem Solving (CPS) learning model assisted by learning videos in improving students' mathematical problem solving abilities. The type of research used in this study is Quasi Experiment with a quantitative approach. The subjects in this study were students from two classes at SMA Negeri 1 Mardingding. The subjects in this study were taken using the Simple Random Sampling technique. Based on the research and data analysis that has been carried out, the results of the study indicate that the Creative Problem Solving learning model is effective for students' mathematical problem solving abilities. Thus, the mathematical problem solving abilities of students in the experimental class with the Creative Problem Solving (CPS) learning model assisted by learning videos are more effective than the mathematical problem solving abilities of students in the control class with the conventional learning model in Class XI - Science SMA Negeri 1 Mardingding in the 2024/2025 Academic Year.

Keywords : Learning Video, CPS Learning Model, Mathematical Problem Solving Ability.

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