

ABSTRAK

Hilma Nurul Fajrin (1212070041), 2025. Efektivitas Film Fiksi Ilmiah dalam Model Pembelajaran *Creative Problem Solving* untuk Meningkatkan Motivasi Belajar Peserta Didik.

Penelitian ini bertujuan untuk mengetahui peningkatan motivasi belajar sains dan hasil belajar kognitif peserta didik melalui pembelajaran dengan menggunakan film fiksi ilmiah dalam model pembelajaran *creative problem solving* pada mata pelajaran fisika materi suhu dan kalor pada kelas XI-6 di SMA Negeri. Penelitian dilakukan dengan pendekatan *mix method* jenis *sequential explonatory*. Hasil penelitian menunjukkan bahwa pada film *The Day After Tomorrow* dan film *Ice Age* menunjukkan fenomena yang berhubungan dengan konsep Fisika materi suhu dan kalor. Pembelajaran dengan menggunakan film fiksi ilmiah dalam model *creative problem solving* terbukti efektif dalam meningkatkan motivasi belajar dan hasil belajar peserta didik dengan ditandai perolehan skor dengan AABTLT with SAS sebesar 81,1 dengan interpretasi efektif. Hasil peningkatan motivasi belajar sains memperoleh nilai sebesar 0,00 yang artinya terdapat perubahan pada motivasi belajar sains peserta didik menjadi lebih meningkat. Hasil belajar kognitif pesera didik mengalami peningkatan dengan nilai *n-gain* yang diperoleh 0,57 yang artinya dalam kategori cukup. Hubungan motivasi belajar sains dan hasil belajar kognitif peserta didik menunjukkan hasil rata-rata 0,026 yang menunjukkan bahwa terdapat hubungan, hubungannya ini termasuk dalam kategori lemah.

Kata Kunci: *creative problem solving*, film fiksi ilmiah, motivasi belajar sains



ABSTRACT

Hilma Nurul Fajrin (1212070041), 2025. *Effectiveness of Science Fiction Film in Creative Problem Solving Learning Model to Increase Students' Learning Motivation.*

This study aims to examine the improvement of students' science learning motivation through the use of science fiction films within the Creative Problem Solving learning model in Physics lessons, specifically on the topic of temperature and heat, in Class XI-6 at a State Senior High School. The research was conducted with a mix method approach of sequential explanatory type. The results showed that the movie The Day After Tomorrow and the movie Ice Age showed phenomena related to the concept of Physics of temperature and heat material. Learning using science fiction films in creative problem solving model proved effective in increasing student learning motivation and learning outcomes, marked by the acquisition of a score using AABTLT with SAS of 81,1 with an effective interpretation. The results of increasing science learning motivation obtained a value of 0.00 which means that there is an increase in students' science learning motivation. The learning outcomes of student showed improvement with n-gain score obtainer being 0,57, which meas it falls into the moderate category. The relationship between science learning motivation and students' cognitive learning outcomes shows an average result of 0.026 which indicates that there is a relationship, this relationship is included in the weak category.

Keyword : *creative problem solving, science fiction movie, science learning motivation*

