

ABSTRAK

Aulia Febriani. 2025. **PENGARUH MODEL PEMBELAJARAN *READING, MIND MAPPING, SHARING* (RMS) TERHADAP KETERAMPILAN BERPIKIR KRITIS PESERTA DIDIK PADA MATERI GERAK DUA DIMENSI**

Penelitian ini dilatarbelakangi oleh rendahnya keterampilan berpikir kritis peserta didik pada materi gerak dua dimensi. Materi ini membutuhkan pendekatan pembelajaran yang efektif sesuai dengan tuntutan pembelajaran pada abad 21 dan kurikulum merdeka. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Reading, Mind Mapping, Sharing* (RMS) terhadap keterampilan berpikir kritis peserta didik. Penelitian ini menggunakan pendekatan kuantitatif dengan metode kuasi-eksperimen dan desain *posttest only Control Group Design*. Populasi penelitian seluruh kelas X SMAN 3 Tasikmalaya yang berjumlah 12 kelas, dengan sampel kelas X E 11 sebagai eksperimen dan kelas X E 12 sebagai kontrol yang dipilih melalui teknik *cluster random sampling*. Data dikumpulkan melalui tes berbentuk *essay (posttest)* terdiri dari 10 soal yang mencakup 5 indikator keterampilan berpikir kritis. Analisis data meliputi uji prasyarat (uji normalitas dengan *Chi-Square* dan uji homogenitas dengan uji Fisher), serta uji hipotesis (uji-t) dengan taraf signifikansi ($\alpha = 0,05$). Hasil menunjukkan data berdistribusi normal dan homogen, sehingga dilakukan uji-t yang menghasilkan $t_{hitung} = 5,17 > t_{tabel} = 1,66$, maka H_a diterima. Artinya, terdapat pengaruh signifikan model pembelajaran *Reading, Mind Mapping, Sharing* (RMS) terhadap keterampilan berpikir kritis peserta didik pada materi gerak dua dimensi di kelas X SMA Negeri 3 Tasikmalaya tahun ajaran 2025/2026. Pengaruh ini terjadi karena model pembelajaran *Reading, Mind Mapping, Sharing* (RMS) mendorong keterlibatan aktif peserta didik untuk mengeksplorasi informasi, mengolah pemahaman, dan menarik kesimpulan secara mandiri melalui pengalaman belajar terstruktur. Dengan demikian, model pembelajaran *Reading, Mind Mapping, Sharing* (RMS) efektif meningkatkan keterampilan berpikir kritis dan menjadi alternatif strategi pembelajaran inovatif bagi guru fisika.

Kata kunci: Keterampilan Berpikir Kritis, Model RMS, Gerak Dua Dimensi

ABSTRACT

Aulia Febriani. 2025. ***THE EFFECT OF THE READING, MIND MAPPING, SHARING (RMS) LEARNING MODEL ON STUDENTS CRITICAL THINKING SKILLS IN THE TWO-DIMENSIONAL MOTION MATERIAL***

This research is motivated by the low critical thinking skills of students in the two-dimensional motion. This material requires an effective learning approach in accordance with the demands of learning in the 21st century and the independent curriculum. This study aims to determine the Reading, Mind Mapping, Sharing (RMS) learning model influences students' critical thinking skills. This study uses a quantitative approach with a quasi-experimental method and a posttest only Control Group Design. The research population was all 12 classes of class X of SMAN 3 Tasikmalaya, with a sample of class X E 11 as the experiment and class X E 12 as the control selected through cluster random sampling techniques. Data were collected through an essay test (posttest) consisting of 10 questions covering 5 indicators of critical thinking skills. Data analysis included prerequisite tests (normality test with Chi-Square and homogeneity test with Fisher's exact test), as well as hypothesis testing (t-test) with a significance level ($\alpha = 0.05$). The results showed that the data were normally distributed and homogeneous, so a t-test was conducted which resulted in $t_{\text{statistic}} = 5.17 > t_{\text{table}} = 1.66$, so the H_a was accepted. This means that there is a significant influence of the Reading, Mind Mapping, Sharing (RMS) learning model on students' critical thinking skills in two-dimensional motion material in class X of SMA Negeri 3 Tasikmalaya in the 2025/2026 academic year. This influence occurs because the Reading, Mind Mapping, Sharing (RMS) learning model encourages active involvement of students to explore information, process understanding, and draw conclusions independently through structured learning experiences. Thus, the Reading, Mind Mapping, Sharing (RMS) learning model is effective in improving critical thinking skills and is an alternative innovative learning strategy for physics teachers.

Keywords: Critical Thinking Skills, RMS Model, Two Dimensional Motion.