

ABSTRAK

PENGARUH PENGGUNAAN METODE EKSPERIMEN MELALUI “*ZOOM MEETING*” TERHADAP HASIL BELAJAR DAN MINAT BELAJAR SISWA KELAS X SMA NEGERI 8 YOGYAKARTA PADA MATERI TUMBUKAN

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Penelitian ini bertujuan untuk mengetahui (1) peningkatan hasil belajar siswa dengan metode eksperimen melalui *zoom meeting* pada materi tumbukan; (2) peningkatan minat belajar siswa dengan metode eksperimen melalui *zoom meeting* pada materi tumbukan.

Jenis penelitian ini bersifat eksperimental kuantitatif. Subyek penelitian yakni siswa kelas X MIPA 2 SMA Negeri 8 Yogyakarta. Penelitian ini menggunakan satu kelas yang diberikan *treatmen* eksperimen melalui *zoom meeting*. Instrumen yang digunakan dalam pengambilan data yakni tes tertulis esai (*pretes* dan *postes*) dan *kuisoner* (*minat awal* dan *minat akhir*). Peningkatan hasil belajar siswa berdasarkan nilai yang diperoleh dari *pretes* dan *postes* dianalisis secara statistik menggunakan program SPSS uji *T-Dependent*. Peningkatan minat belajar siswa yang diperoleh dari *kuisoner minat awal* dan *kuisoner minat akhir* dianalisis secara statistik menggunakan program SPSS uji *T-Dependent*.

Hasil penelitian menunjukkan bahwa (1) Pembelajaran fisika menggunakan metode eksperimen melalui *zoom meeting* dapat meningkatkan hasil belajar siswa kelas X MIPA 2 di SMAN 8 Yogyakarta, pada materi tumbukan; (2) Pembelajaran fisika menggunakan metode eksperimen *zoom meeting* dapat meningkatkan minat belajar siswa kelas X MIPA 2 di SMAN 8 Yogyakarta, pada materi tumbukan.

Kata Kunci : Metode eksperimen, *zoom meeting*, hasil belajar, minat.

ABSTRACT

***THE EFFECT OF THE USE OF THE EXPERIMENT THROUGH
"ZOOM MEETING" ON THE LEARNING OUTCOMES AND LEARNING
INTEREST OF TENTH-GRADE STUDENTS OF SMA NEGERI 8
YOGYAKARTA ON COLLISION MATERIAL***

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This study aims to determine (1) the improvement of student learning outcomes with the experimental method through zoom meetings on collision material; (2) increasing student interest in learning with the experimental method through zoom meetings on collision material.

This type of research is experimental quantitative. The research subjects were students of class X MIPA 2 SMA Negeri 8 Yogyakarta. This study used a class that was given experimental treatments through zoom meetings. The instruments used in data collection were the written essay test (pretest and posttest) and questionnaire (initial interest and final interest). Improved student learning outcomes based on the scores obtained from the pretest and posttest were statistically analyzed using the SPSS program T-Dependent test. The increase in students' interest in learning obtained from the initial interest questionnaire and the final interest questionnaire were statistically analyzed using the SPSS program T-Dependent test.

The results showed that (1) learning physics using the experimental method through zoom meetings can improve the learning outcomes of class X MIPA 2 students at SMAN 8 Yogyakarta, on collision material; (2) Learning physics using the experimental method zoom meeting can increase student interest in learning class X MIPA 2 at SMAN 8 Yogyakarta, on collision material.

Keywords: experimental method, zoom meeting, learning outcomes, interest.

