

## ABSTRAK

**Rosaline Elisabeth Beto Lamak. 2020. PENINGKATAN HASIL BELAJAR, MINAT BELAJAR DAN KERJA SAMA SISWA KELAS X MIPA SMA BUDYA WACANA YOGYAKARTA DENGAN METODE EKSPERIMENT TERBIMBING PADA MATERI GERAK LURUS BERUBAH BERATURAN**

Kata kunci: Eksperimen terbimbing, hasil belajar, minat belajar, kerja sama.

Penelitian ini bertujuan untuk mengetahui (1) peningkatan hasil belajar siswa dengan menggunakan metode eksperimen terbimbing; (2) peningkatan minat belajar siswa dengan metode eksperimen terbimbing; dan (3) peningkatan kerja sama siswa dengan metode eksperimen terbimbing. Jenis penelitian ini adalah eksperimental kuantitatif. Subjek penelitian adalah siswa kelas X MIPA Budya Wacana Yogyakarta. Penelitian ini menggunakan satu kelas yang diberikan treatmen eksperimen terbimbing. Instrumen yang digunakan dalam pengambilan data yaitu tes tertulis essai (*pretest* dan *posttest*) dengan 5 jumlah soal, beserta observasi. Peningkatan hasil belajar berdasarkan nilai yang diperoleh dari *pretest* dan *posttest* dianalisis secara statistik menggunakan program SPSS uji T-*Dependent*. Peningkatan minat belajar siswa berdasarkan nilai yang diperoleh dari angket sebelum dan angket sesudah dianalisis secara statistik menggunakan program SPSS uji T-*Dependent*. Kerja sama siswa dianalisis berdasarkan lembar observasi.

Hasil penelitian menunjukkan bahwa: (1) Eksperimen terbimbing meningkatkan hasil belajar siswa kelas X MIPA SMA Budya Wacana Yogyakarta pada materi GLBB. (2) Eksperimen terbimbing meningkatkan minat belajar siswa kelas X MIPA SMA Budya Wacana Yogyakarta pada materi GLBB. (3) Eksperimen terbimbing meningkatkan kerja sama siswa kelas X MIPA SMA Budya Wacana Yogyakarta pada materi GLBB.

Kata kunci: Eksperimen terbimbing, hasil belajar siswa, minat belajar, kerja sama siswa

## ABSTRACT

**Rosaline Elisabeth Beto Lamak. 2020. IMPROVED LEARNING OUTCOMES, INTEREST IN LEARNING AND COOPERATION OF TENTH-GRADE STUDENTS OF X MIPA SMA BUDAYA WACANA YOGYAKARTA WITH THE GUIDED EXPERIMENTAL METHOD ON GLBB MATERIAL**

*Keywords:* Guided experiment, student learning outcomes, student cooperation

*The aim of this research was to find out (1) Improvement of student learning outcomes by using the guided experimental method (2) improvement of student interest learning by using the guided experimental method (3) improvement of student cooperation by using the guided experimental method. The type of this research was quantitative experimental. The subjects of this research were the tenth-grade students of X MIPA Budaya Wacana Yogyakarta. This research used one class given the guided experimental treatment. The instrument was used in data collection was a written essay test with five questions and observation. Improved learning outcomes based on scores obtained from the pretest and posttest were statistically analyzed using the SPSS T-dependent test. Increased student interest in learning based on grades obtained from the questionnaire before and after the questionnaire was statistically analyzed using the SPSS T-dependent test program. Student cooperation is analyzed based on observation sheets.*

*The result showed that (1) guided experiments improve the learning outcomes of the tenth-grade students of MIPA Budaya Wacana Yogyakarta on GLBB material. (2) Guided experiments improve the interest of the tenth-grade students of X MIPA Budaya Wacana Yogyakarta on GLBB material. (3) Guided experiments improve the cooperation of the tenth-grade students of X MIPA Budaya Wacana Yogyakarta on GLBB material.*

*Keywords:* Guided experiment, student learning outcomes, student cooperation