

ABSTRAK

Kristiana Nathalia Wea. 2014. *Peningkatan hasil belajar dan minat belajar siswa dalam pembelajaran fisika menggunakan model pembelajaran inkuiri dengan metode pembelajaran eksperimen terbimbing pada pokok bahasan hukum newton kelas X SMA Santa Maria Yogyakarta*. Skripsi, Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma Yogyakarta.

Penelitian ini bertujuan untuk mengetahui: (1) peningkatan hasil belajar siswa menggunakan model pembelajaran inkuiri dengan metode eksperimen terbimbing pada materi hukum newton di kelas XE SMA Santa Maria Yogyakarta pada materi hukum newton; (2) peningkatan hasil belajar siswa menggunakan metode ceramah pada materi hukum newton di kelas XB SMA Santa Maria Yogyakarta; (3) perbedaan peningkatan hasil belajar siswa antara pembelajaran fisika menggunakan model pembelajaran inkuiri dengan metode eksperimen terbimbing dan pembelajaran fisika menggunakan metode ceramah pada materi hukum newton di kelas X SMA Santa Maria Yogyakarta; (4) minat belajar siswa kelas XE SMA Santa maria Yogyakarta terhadap pembelajaran menggunakan model pembelajaran inkuiri dengan metode eksperimen terbimbing pada materi hukum newton.

Subyek penelitian siswa kelas XB dan XE SMA Santa Maria Yogyakarta. Jumlah keseluruhan subyek penelitian 48 siswa terdiri dari 24 siswa kelas XB dan 24 siswa kelas XE. Kelas XB sebagai kelas kontrol sedangkan kelas XE sebagai kelas eksperimen.

Hasil penelitian menunjukkan bahwa; (1) pembelajaran fisika menggunakan model pembelajaran inkuiri dengan metode eksperimen terbimbing meningkatkan hasil belajar siswa kelas XE SMA Santa Maria Yogyakarta pada materi hukum newton; (2) pembelajaran fisika menggunakan metode ceramah meningkatkan hasil belajar siswa kelas XB SMA Santa Maria Yogyakarta pada materi hukum newton; (3) peningkatan hasil belajar siswa menggunakan metode eksperimen terbimbing dengan peningkatan hasil belajar siswa menggunakan metode ceramah pada kelas X SMA Santa Maria Yogyakarta pada materi hukum newton tidak menunjukkan perbedaan yang signifikan; (4) Siswa kelas XE SMA Santa Maria sangat berminat dan berminat mengikuti pembelajaran fisika menggunakan metode eksperimen terbimbing pada materi hukum newton.

Kata kunci: Peningkatan Hasil Belajar, Minat Belajar, Model Pembelajaran Inkuiri, Metode Pembelajaran Eksperimen Terbimbing.

ABSTRACT

Kristiana Nathalia Wea. 2014. *The increase of students learning outcomes and the students interest learning in learning physics using inquiry learning model with guided experimental learning methods in subject of physics newton's law class X Saint Mary Senior High School Yogyakarta*. Thesis, Physics Education Learning Program, Department of Mathematics and Natural Sciences, Faculty of Teacher Training and Education, Sanata Dharma University in Yogyakarta.

The purpose of this research are to determine: (1) the increase of students learning outcomes using inquiry learning model with guided experimental learning methods in subject of physics newton's law class XE Saint Mary Senior High School Yogyakarta; (2) the increase of students learning outcomes using discourse learning methods in subject of newton's law class XB Saint Mary Senior High School Yogyakarta; (3) the differences of increase students learning outcomes between learning physics using inquiry learning model with guided experimental learning methods and learning physic with discourse learning methods in class X Saint Mary Senior High School Yogyakarta in subject of newton's law; (4) students of class XE Saint Mary Senior High School Yogyakarta's interest to learning physics using inquiry learning model with guided experimental methods learning on subject of newton's law.

The sample of this research was students from grader XB and XE Saint Mary Senior High School Yogyakarta. Total sampel was 48 students consist of 24 students in grade XB and 24 students in grade XE. The grade XB as the control class while the grade XE as the experiment class.

Result of the research shows that: (1) learning physics using inquiry learning model with guided experimental learning methods increase students learning outcomes in class XE Saint Mary Senior High School Yogyakarta in subject newton's law; (2) learning physics using discourse methods increase students learning outcomes in class XB Saint Mary Senior High School Yogyakarta in subject newton's law; (3) there is no significant difference, between increase students learning outcomes using guided experimental learning methods with increase students learning outcomes using discouse learning methods in class X Saint Mary Senior High School Yogyakarta in subject newton's law; (4) students in class XE Saint Mary Senior High School Yogyakarta are very on participate with learning physics using guided experimental learning methods in subject of newton's law.

Keywords: Increase Students Learning Outcomes, Students Interest Learning, Inquiry Learning Model, Experimental Guided Learning Methods