

ABSTRAK

HAYATI. Efek Model Pembelajaran *Inquiry Training Berbasis Multimedia* Dan Motivasi Terhadap Hasil Belajar . Tesis Medan. Program Studi Pendidikan Fisika Pascasarjana Universitas Negeri Medan, 2013.

Penelitian ini bertujuan untuk: (1) Menentukan model pembelajaran yang lebih baik dalam meningkatkan hasil belajar fisika siswa di antara model pembelajaran *Inquiry Training berbasis multimedia* dan model pembelajaran *Inquiry Training*. (2) Mengetahui tingkat motivasi belajar dalam mempengaruhi hasil belajar fisika siswa. (3) Mengetahui interaksi antara model pembelajaran dengan motivasi dalam mempengaruhi hasil belajar siswa. Penelitian ini merupakan penelitian quasi eksperimen. Populasi penelitian adalah seluruh siswa kelas XI SMA N 1 Sunggal Semester I T.P 2012/2013. Sampel penelitian terdiri dari dua kelas dengan jumlah sampel 70 orang yang ditentukan dengan *Purposive sampling*, yaitu XI IPA-2 sebagai kelas eksperimen menggunakan model pembelajaran *Inquiry Training berbasis multimedia* sebanyak 35 orang dan XI IPA-3 sebagai kelas kontrol menggunakan model pembelajaran *Inquiry Training* sebanyak 35 orang. Instrumen penelitian berupa tes hasil belajar dan angket motivasi belajar. Uji persyaratan telah dilakukan berupa normalitas dan homogenitas, yang diperoleh hasil bahwa data normal dan homogen. Hipotesis dianalisis menggunakan GLM pada taraf signifikan 0,05 dengan bantuan SPSS 17.0 *for windows*. Berdasarkan analisis data dan uji hipotesis yang dilakukan diperoleh bahwa : (1) Model pembelajaran *Inquiry Training berbasis multimedia* lebih baik dalam meningkatkan hasil belajar fisika siswa daripada model pembelajaran *Inquiry Training*. (2) Hasil belajar fisika siswa yang memiliki motivasi belajar tinggi lebih baik daripada siswa yang memiliki motivasi belajar rendah. (3) Dari penelitian ini juga terdapat interaksi antara model pembelajaran *inquiry training berbasis multimedia* dan motivasi belajar siswa terhadap hasil belajar siswa.

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ABSTRACT

HAYATI. Effect Inquiry Learning Model-Based Multimedia Training And Motivation Toward Learning Outcomes. Tesis. Medan : The Post Graduate of Physics Education in the State University of Medan, 2013.

This study aims to: (1) Determining the better learning model in improving student learning outcomes among physics learning model of inquiry training based multimedia and model of inquiry training. (2) Knowing the grade motivation of learning in affecting student learning outcomes. (3) Knowing interaction between learning model of inquiry training based multimedia on motivation and student learning outcomes .This research is a quasi experimental. Population were all students of class XI SMA N 1 Sunggal . The research sample consisted of two classes with a sample of 70 people who are determined by purposive sampling, the XI IPA-2 as a experiment class using a model of inquiry training based multimedia as many as 35 people and XI IPA -3 as control class using a model of inquiry training as many as 35 people. The research instrument in the form of achievement test and questionnaire motivation. Test requirements have been carried out in the form of normality and homogeneity, the obtained results that the data is normal and homogeneous. The hypothesis was analyzed using the GLM significant level 0.05 using SPSS 17.0 for windows. Based on data analysis and hypothesis testing conducted found that: (1) Learning model of inquiry training based multimedia better in improving student learning outcomes physics than model of inquiry training . (2) Physics learning outcomes of students who have high motivation to learn better than students with low learning motivation.(3) From this study there is also interaction between learning model of inquiry training based multimedia on motivation and student learning outcomes.

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