

**THE EFFECT OF MULTIMEDIA BASED INQUIRY TRAINING
LEARNING MODEL ON STUDENT'S LEARNING OUTCOMES
ON MOMENTUM AND IMPULSE TOPIC IN CLASS X
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DANIEL STEVENSON SIBAGARIANG (4143322006)

ABSTRACT

This study aims to analyze student's learning outcomes on conceptual knowledge of student by using multimedia based inquiry training learning model on the subject matter of impulse momentum. The type of this research is quasi experiment with Two group pre-test-post-test design. The population is all student's class X. The sample of research was taken 2 classes determined by cluster random sampling technique. Experiment class by applying multimedia based inquiry training learning model and control class by applying conventional learning model. The instrument used in this study is the test of cognitive learning outcomes in the form of essay test. The data in this research were analyzed by t-test. From the result of this research conceptual knowledge of students taught with multimedia based inquiry training learning model is greater than students taught with conventional learning.

Keywords: Learning Model, Multimedia based inquiry training, Students' learning outcomes

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