

ABSTRAK

Nova Irwan. Efek Model Pembelajaran Kooperatif Tipe *Group Investigation* dan *Teamwork Skills* Terhadap Hasil Belajar Fisika Siswa SMK Farmasi Apipsu T.A. 2014/2015

Penelitian ini bertujuan untuk: Mengetahui perbedaan hasil belajar fisika siswa melalui model pembelajaran kooperatif tipe *Group Investigation* dengan model pembelajaran *Direct Instruction*. Mengetahui perbedaan hasil belajar fisika antara kelompok siswa yang memiliki *teamwork skills* di bawah rata-rata dengan di atas rata-rata. Mengetahui interaksi antara model pembelajaran dengan tingkat *teamwork skills* siswa dalam mempengaruhi hasil belajar siswa. Penelitian ini merupakan penelitian quasi eksperimen dengan desain factorial 2x2. Populasi penelitian ini adalah seluruh siswa kelas X SMK Farmasi Apipsu Medan. Sampel dalam penelitian ini dilakukan secara cluster random sebanyak dua kelas, dimana kelas pertama sebagai kelas eksperimen diterapkan model pembelajaran kooperatif tipe *Group Investigation* dan kelas kedua sebagai kelas kontrol diterapkan model pembelajaran *Direct Instruction*. Instrumen yang digunakan dalam penelitian ini yaitu instrumen tes hasil belajar fisika dalam bentuk uraian sebanyak 8 soal dan instrumen observasi *teamwork skills* yang telah dinyatakan valid dan reliabel. Data dianalisis menggunakan analisis ANAVA dua jalur. Dari hasil penelitian dapat disimpulkan bahwa: Hasil belajar fisika pada model kooperatif tipe *group investigation* lebih tinggi dibandingkan model *direct interuction*. Hasil belajar fisika pada kelompok siswa yang memiliki tingkat *teamwork skills* di atas rata-rata lebih tinggi dibandingkan di bawah rata-rata. Terdapat interaksi antara model pembelajaran dengan tingkat *teamwork skills* siswa dalam mempengaruhi hasil belajar siswa. Model pembelajaran kooperatif tipe *group investigation* sangat baik diterapkan pada kelompok siswa yang memiliki *teamwork skills* di atas rata-rata. Sedangkan pada model *direct interuction* tidak perlu memperhatikan *teamwork skills*.

Kata Kunci : *Group Investigation*, *teamwork skills*, dan Hasil Belajar

ABSTRACT

Nova Irwan. Effects of Cooperative Group Investigation Learning Model and Teamwork Skills toward Physics Learning Outcomes of Studens in SMK Farmasi Apipsu at 2014/2015

This research was aimed to: Know the difference physics student learning outcomes by cooperative learning model Group Investigation with Direct Instruction learning model. Know the difference between the physics learning outcomes of students have teamwork skills below average with above average. Know interaction between learning model with the level of students' teamwork skills in influencing student learning outcomes. This study is a quasi experiment with 2x2 factorial design. The population of this study were all students of class X SMK Farmasi Apipsu Medan. The sample done cluster random method as much as two classes, first class as experiment class applied cooperative learning model group investigation and second class as control class applied Direct Instruction learning model. The instrument used in this study are Physics achievement test in descriptions form as much as 8 questions and Observation teamwok skills insrumen that have been declared valid and reliable. Analysis data would be using ANOVA two way. From the results of this study concluded that: The physics learning outcomes in the cooperative group investigation models higher than direct interuction models. The physics learning outcomes at group of students had teamwork skills above average higher than below average. There is interaction between learning model with the level of students' teamwork skills in influencing student learning outcomes. Cooperative learning model group investigation very well be applied to groups of students who have teamwork skills above average. While the direct interuction model not need to pay attention teamwork skills.

Keywords: Group Investigation, tamwork skills and Learning Outcomes

