

ABSTRAK

Fitria Slviana. Efek Model Pembelajaran Kooperatif Tipe *Group Investigation* terhadap Kemampuan Kerja Sama dan Hasil Belajar Fisika Siswa SMA.

Penelitian ini bertujuan untuk mengetahui kemampuan kerja sama siswa dengan model pembelajaran kooperatif tipe *group investigation* dan pembelajaran konvensional, efek model pembelajaran kooperatif tipe *group investigation* terhadap hasil belajar siswa dalam pembelajaran fisika, serta hubungan antara kemampuan kerja sama dan hasil belajar siswa. Penelitian ini menggunakan jenis *quasi eksperimen* dengan desain *two group pretes-postes*. Populasi penelitian ini adalah siswa kelas X SMA Negeri 1 Langsa. Sampel dalam penelitian ini adalah kelas X.9 sebagai kelas kontrol dan kelas X.10 sebagai kelas eksperimen. Pemilihan sampel dilakukan secara *purposive sampling*. Instrumen yang digunakan terdiri dari lembar observasi kemampuan kerja sama dan tes hasil belajar siswa dalam bentuk essay. Data dalam penelitian ini dianalisis dengan menggunakan analisis uji-t parametrik. Hasil penelitian menunjukkan bahwa kemampuan kerja sama siswa yang diajar dengan model pembelajaran kooperatif tipe *group investigation* lebih baik daripada siswa yang diajar dengan pembelajaran konvensional dalam pembelajaran fisika, model pembelajaran kooperatif tipe *group investigation* memiliki efek terhadap hasil belajar siswa, model pembelajaran kooperatif tipe *group investigation* dapat meningkatkan hasil belajar siswa, dan terdapat hubungan antara kemampuan kerja sama dengan hasil belajar siswa.

Kata Kunci : *group investigation*, kemampuan kerja sama, hasil belajar

ABSTRACT

Fitria Silviana. The Effects of Cooperative Learning Model Type of Investigation for Teamwork Ability and Learning Outcomes on Students Physics.

This study aims to determine: teamwork ability of students with cooperative learning model of type of group investigation and the ability to work with students with conventional learning, the effect of cooperative learning model of group investigation on learning outcomes of students in learning physics., correlation between the ability of teamwork and learning outcomes students. This research uses type of quasi-experimental with two group pretest-posttest design. The study population was standard X SMA.Negeri 1 Langsa.The sample of this research were the students of X.10 as experiment group and X.9 as control group that established by purposive sampling. The instruments used consist of observation sheets of teamwork and essay test of learning outcomes. The data were analyzed using parametric t-test analysis. The results showed that: The teamwork ability of students who are taught by cooperative learning model type group investigation better than students taught by conventional teaching in physics learning, cooperative learning model of type of group investigation has effect on student learning outcomes. Learning outcomes of students taught by cooperative learning model of type of group investigation better than on learning outcomes for students who taught by conventional learning, and there is a correlation between the teamwork ability with student learning outcomes.

Keywords : group investigation, teamwork ability, learning outcomes

