

ABSTRAK

Dyan Wulan Sari HS (8156182046). Pengaruh Model Pembelajaran *Inquiry Training* berbasis kolaboratif dan Sikap Ilmiah Terhadap Keterampilan Proses Sains Materi Sumber Daya Alam di SD Methodist 1 Medan. Tesis Program Studi Pendidikan Dasar Pascasarjana Universitas Negeri Medan. 2017.

Penelitian ini bertujuan untuk menganalisis: (1) Pengaruh model pembelajaran terhadap keterampilan proses sains siswa; (2) Pengaruh tingkat sikap ilmiah terhadap keterampilan proses sains siswa; dan (3) Interaksi antara model pembelajaran dengan tingkat sikap ilmiah dalam memengaruhi keterampilan proses sains siswa. Penelitian ini merupakan penelitian eksperimen semu (*quasi experiment*) dengan desain faktorial 2 x 2. Populasi penelitian ini adalah siswa kelas IV SD Methodist 1 Medan, dan sampel dipilih secara *purposive random sampling* sebanyak dua kelas. Kelas eksperimen diberi perlakuan pembelajaran dengan model *inquiry training* berbasis kolaboratif dan kelas kontrol diberi perlakuan pembelajaran *direct instruction*. Instrumen yang digunakan terdiri dari: tes keterampilan proses sains dan angket sikap ilmiah. Analisis data dilakukan dengan menggunakan ANAVA dua jalur. Hasil dari penelitian ini menunjukkan bahwa: (1) Keterampilan proses sains siswa yang dibelajarkan dengan model pembelajaran *Inquiry Training* berbasis kolaboratif lebih tinggi daripada model *Direct Instruction*; (2) Sikap ilmiah tinggi mempengaruhi keterampilan proses sains siswa lebih tinggi daripada sikap ilmiah rendah; dan (3) terdapat interaksi antara model pembelajaran *Inquiry Training* berbasis kolaboratif dan model *Direct Instruction* dengan sikap ilmiah siswa dalam memengaruhi hasil keterampilan proses sains siswa. Hasil penelitian ini menyarankan bahwa model pembelajaran *inquiry training* berbasis kolaboratif merupakan solusi dan alternatif pilihan guru dalam meningkatkan keterampilan proses Sains siswa.

Kata Kunci: Keterampilan Proses Sains, Sikap Ilmiah, Inquiry Training, Sumber Daya Alam, Kolaboratif



ABSTRACT

Dyan Wulan Sari HS. (8156182046). *Effect of Inquiry Training Model Based Collaborative and Scientific Attitudes On Science Process Skills on the subject The Natural Resources at SD Methodist 1 Medan. Thesis Basic Education Program Post-Graduate Studies, State University of Medan. 2017.*

This study aimed to analyze. (1) The Influence of learning model on students science process skill. (2) The Influence of level of scientific attitude toward student's science process skill. (3) The interaction between the learning model and the level of scientific attitude in influencing the student science process skills. This study is a quasi-experimental research (quasi experiment). The population of this research is fourth grade students of SD Methodist 1 Medan. The sample in this study selected by purposive random sampling as much as two grades. Class experiment treated with a inquiry training model based collaborative, the control class treated with direct instruction model. The instrument used consisted of: science process skill test and scientific attitude questionnaire sheet. Data analysis was performed using ANOVA two lanes. The results of this study indicate that: (1) the process of science students that learned Science with learning inquiry training model based collaborative is higher than direct instruction; (2) Science process skill students with high scientific attitudes indicates is higher than low scientific attitudes; and (3) an interaction between the inquiry training model based collaborative and direct instruction with the level of scientific attitudes in influencing student science process skills. The results of this research suggest that the learning model inquiry training based collaborative is a solution to and alternatives for the teachers to improve student science process skills.

Keywords: *Science Process Skill, Scientific Attitude, Inquiry Training, Creativity, The Natural Resources, Collaborative*

