

ABSTRAK

Farida Hanim. 8156182019. Pengaruh Lembar Kerja Peserta Didik Berbasis Keterampilan Proses Sains dan Motivasi Terhadap Hasil Belajar IPA Kelas IV SD Negeri 164330 Tebingtinggi. Tesis Program Studi Pendidikan Dasar Pascasarjana Universitas Negeri Medan, 2017.

Penelitian ini berlatarbelakang pada penggunaan Lembar Kerja Peserta Didik (LKPD) dan proses pembelajaran yang belum menumbuhkan keterampilan proses sains dan sikap ilmiah. Penelitian bertujuan untuk menganalisis pengaruh LKPD berbasis keterampilan proses sains dan tingkat motivasi belajar peserta didik terhadap hasil belajar IPA. Alasan dilakukan penelitian karena hasil belajar IPA rendah dan pembelajaran IPA cenderung menggunakan pendekatan ekspositori sehingga peserta didik juga tidak termotivasi untuk belajar. Kegiatan pembelajaran mengenai sumber daya alam dengan lingkungan, teknologi dan masyarakat di sekolah dasar khususnya untuk kelas IV belum menekankan pada proses sains sehingga sikap ilmiah peserta didik juga belum terlihat.

Penelitian ini merupakan penelitian eksperimen semu (*quasi experiment*) dengan desain faktorial 2×2 . Populasi pada penelitian ini yaitu peserta didik kelas IV di SD Negeri 164330 Kecamatan Padang Hilir Kota Tebingtinggi, dan sampelnya dipilih secara *total sampling* sebanyak dua kelas. Instrumen yang digunakan yaitu tes hasil belajar IPA, angket motivasi belajar, dan lembar observasi sikap ilmiah. Data yang diperoleh dari instrumen penelitian kemudian dianalisis menggunakan anava dua jalur. Hasil penelitian menunjukkan bahwa: (1) pengaruh LKPD berbasis keterampilan proses sains terhadap hasil belajar IPA lebih baik daripada LKPD konvensional; (2) pengaruh tingkat motivasi tinggi terhadap hasil belajar IPA lebih baik daripada tingkat motivasi rendah; (3) terdapat interaksi antara LKPD berbasis keterampilan proses sains dan LKPD konvensional dengan tingkat motivasi dalam memengaruhi hasil belajar IPA; dan (4) sikap ilmiah peserta didik yang menggunakan LKPD berbasis keterampilan proses sains lebih baik daripada LKPD konvensional. Hasil penelitian ini menyarankan bahwa LKPD berbasis keterampilan proses sains dan tingkat motivasi belajar tinggi merupakan alternatif pilihan guru dalam meningkatkan hasil belajar IPA peserta didik.

Kata Kunci: *Hasil belajar IPA, Motivasi, LKPD Berbasis Keterampilan Proses Sains*

ABSTRACT

Farida Hanim. 8156182019. The Effect of Students' Worksheet based on Process skills of Science and Motivation towards Learning Outcomes of Science on Fourth-Grade at State Elementary School Number 164330 Tebingtinggi. A Thesis of Basic Education Program, Post Graduate School, State University Of Medan, 2017.

This research was done based on students' work sheet in teaching and learning process which does not yet rise science skill, learning motivation level and scientific attitude. This study aims to analyze the effect of students' worksheet based on process skills of science and motivation level towards learning outcomes of science. The reason for this study is because learning outcomes of science is lowly and science learning using expository approach so that the students also not motivated to learn. Learning activities about natural resources with the environment, technology and society in elementary school, especially for the fourth-grade has not emphasized the process of science so that the scientific attitude of students is also not seen.

This study was a quasi experiment with factorial 2x2 design. The population in this study is fourth grade students of state elementary school number 164330 Padang Hilir District, Tebingtinggi City, and the sample was chosen by total sampling as two classes. The instruments used is learning outcomes of science test, motivation questionnaire, and observation sheet of scientific attitude. Data obtained from the study instrument then analyzed with using the two-way anova. The results showed that: (1) the effect of work sheet based on process skills of science towards the learning outcomes of science is better than conventional work sheet ; (2) the effect of high motivation towards the learning outcomes of science is better than low motivation; (3) there is an interaction between work sheet based on process skills of science and conventional work sheet with motivation level in influencing learning outcomes of science; and (4) the scientific attitude of students using work sheet based on process skills of science is better than the conventional work sheet. The results of this study suggest that work sheet based on process skills of science and high learning motivation is an alternative choice of teachers in improving students' learning outcomes of science.

Keywords: *Learning Outcomes of Science, Motivation, Students' Worksheet Based on Process Skill of Science.*