

ABSTRAK

Sugiarto. 2015. *Keterampilan Proses Sains Pada Guru IPA Sekolah Menengah Pertama (SMP) Di Kabupaten Klaten*. Skripsi. Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan. Universitas Sanata Dharma, Yogyakarta.

Penelitian ini merupakan penelitian deskriptif kuantitatif yang bertujuan untuk mengetahui 1) Tingkat keterampilan proses sains pada Guru IPA SMP di kabupaten Klaten, dan 2) Keterampilan proses sains yang dikuasai dan kurang dikuasai oleh guru IPA SMP di kabupaten Klaten. Subyek penelitian ini adalah Guru IPA kelas VII sampai kelas IX Sekolah Menengah Pertama (SMP).

Penelitian ini menggunakan instrumen berupa soal-soal mengenai aspek-aspek keterampilan proses terpadu yaitu merumuskan hipotesis, mengidentifikasi variabel, mendefinisikan variabel secara operasional, merancang penelitian dan menyajikan data. Instrumen diambil dari *Journal of Research in Science Teaching* yang berjudul *Development of an Integrated Process Skills Test:TIPS II*, kemudian diambil 25 soal 36 soal dengan menghilangkan soal-soal yang hampir sama.

Hasil penelitian menunjukkan bahwa 1) Tingkat penguasaan keterampilan proses sains guru dalam tingkat cukup dengan prosentase 57,18%. 2) Tingkat penguasaan keterampilan proses sains guru dalam aspek mengidentifikasi variabel masih sangat kurang dengan prosentase 45% sedangkan tingkat penguasaan aspek interpretasi data sangat baik dengan prosentase 76,25%.

Kata kunci: Keterampilan Proses Sains, Guru IPA

ABSTRACT

Sugiaro. 2015. *Science Process Skill on Science Teacher in junior High School in Klaten*. Thesis. Physics Education Study Program, Department of Mathematics and Natural Science, Faculty of Teacher Training and Education, Sanata Dharma University, Yogyakarta.

This research is a descriptive quantitative research which aims to measure 1) the level of science process skill of science teachers in Junior High School in Klaten, and 2) The science process skill which is mastered and not mastered by science teachers in Junior High School in Klaten. The subject in this research is science teachers in grade 7-9 in Junior High School.

This research used an instrument which is some exercises related to skill aspects of integrated process, namely forming a hypothesis, identifying a variable operationally, designing an experiment, and presenting the data. The instrument was taken from *Journal of Research in Science Teaching* yang berjudul *Development of an Integrated Process Skills Test: TIPS II*. The researcher took 25 numbers of 36 numbers of the exercises by omitting some numbers which are similar.

The result of this research showed that 1) the teacher's skill mastery level of science process is sufficient, which reached 57.18%, 2) the teacher's skill mastery level of science process in identifying a variable is low, which reached 45%, and 3) the mastery level of data interpretation aspect is very good, which reached 76.25%.

Key words: science process skill, Science teacher