

ABSTRAK

**MISKONSEPSI IPA FISIKA SISWA KELAS V SEMESTER 2
SD NEGERI SE-KECAMATAN MLATI KABUPATEN SLEMAN**

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2016

Berdasarkan hasil wawancara dengan beberapa guru dan siswa diketahui bahwa pemahaman siswa tentang IPA Fisika SD di Kecamatan Mlati masih mengalami konsep salah atau miskonsepsi. Hasil wawancara tersebut menjadi latar belakang penelitian ini dengan tujuan penelitian adalah mendeskripsikan miskonsepsi IPA siswa kelas V SD semester 2 se-Kecamatan Mlati dan mengetahui adanya perbedaan miskonsepsi IPA dilihat dari pekerjaan orang tua siswa kelas V SD semester 2 se-Kecamatan Mlati.

Penelitian ini merupakan penelitian dengan menggunakan metode survei terhadap siswa kelas V SD Negeri se-Kecamatan Mlati. Penelitian ini dilakukan pada 31 SD Negeri yang menerapkan Kurikulum Tingkat Satuan Pendidikan (KTSP). Populasi penelitian ini adalah siswa kelas V semester 2 SD Negeri se-Kecamatan Mlati berjumlah 849 siswa dengan jumlah sampel sebanyak 260 siswa, ditentukan melalui teknik *simple random sampling*. Instrumen yang digunakan dalam pengambilan data adalah kuesioner dan tes. Analisis data penelitian dengan analisis deskriptif dan uji statistik.

Data penelitian menunjukkan bahwa siswa kelas V semester 2 SD Negeri di Kecamatan Mlati mengalami miskonsepsi pada konsep hubungan antara gaya, gerak, dan energi, pesawat sederhana, sifat-sifat cahaya, proses pembentukan tanah, membuat karya sederhana dengan prinsip sifat cahaya, dan struktur bumi. Berdasarkan uji *kruskal-wallis* diketahui signifikansi instrumen pilihan ganda nilai $p = 0,657$, sedangkan untuk instrumen uraian nilai $p = 0,729$, artinya bahwa tidak ada perbedaan miskonsepsi IPA dilihat dari jenis pekerjaan orang tua siswa kelas V SD semester 2 se-Kecamatan Mlati, Kabupaten Sleman.

Kata Kunci : Miskonsepsi, Kurikulum Tingkat Satuan Pendidikan, Pekerjaan Orang Tua

ABSTRACT

**MISCONCEPTION OF PHYSICS SCIENCE SUBJECT THE FIFTH GRADER
STUDENTS SEMESTER 2 OF ELEMENTARY SCHOOL STATE IN MLATI**

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2016

Based on the result of the interview with some teachers and students, it was known that the understanding of students about the science-physics students of elementary school in Mlati has been wrong concept or misconception. The result of the interview used as the background of this research in terms of describing the misconception about science towards the fifth-grade students and finding out the differences of misconception about science related to parents' job of the fifth-grade students in Mlati district.

This research conducted by implementing survey method towards fifth-grade students of the elementary school state in Mlati district. This research conducted in 31 public schools which implementing the School-Based curriculum. The population of this research was the semester two students of the fifth-grade in Mlati district. The amount of population was 849 students, and the number of samples was 260 students, determined by using simple random sampling technique. The instrument used to obtain the data was the questionnaire and test. Thus, descriptive analysis and statistical test were used to analyze the data.

The research data showed that the second semester of fifth grade students of elementary school state in Mlati has been misconception on the concept of relation of movement and energy, the characteristic of light, the create simple work with characteristics of light principle and the earth structure. Based on Kruskal-Wallis test indicates that the significance value of multiple choice was $p = 0,657$, meanwhile essay instrument value was $p = 0,729$, means that there was not difference of science-physics misconception related to the parents' job of the fifth grade of elementary school state of the second semester in Mlati district, Sleman regency.

Keywords: Misconception, School-Based Curriculum, Parents' job.