

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

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Penelitian ini dilatarbelakangi oleh pemahaman konsep IPA Fisika siswa kelas V yang rendah di SD Negeri Kecamatan Sleman sehingga berpeluang terjadi miskonsepsi. Penelitian ini bertujuan untuk (1) mendeskripsikan miskonsepsi IPA Fisika siswa kelas V semester 2 SD Negeri se-Kecamatan Sleman; (2) mengetahui perbedaan miskonsepsi IPA Fisika kelas V semester 2 SD Negeri se-Kecamatan Sleman dilihat dari tingkat akreditasi sekolah.

Penelitian ini merupakan jenis penelitian kuantitatif dengan metode survei. Penelitian ini dilaksanakan di SD Negeri se-Kecamatan Sleman yang berjumlah 28 SD. Populasi penelitian adalah seluruh siswa kelas V SD Negeri se-Kecamatan Sleman yaitu 832 siswa. Teknik pengambilan sampel penelitian menggunakan teknik *simple random sampling* dengan jumlah sampel penelitian ada 261 siswa. Teknik pengumpulan data dalam penelitian ini menggunakan tes tertulis yaitu dengan instrumen pilihan ganda (*multiple choices*).

Hasil penelitian menunjukkan bahwa ada miskonsepsi IPA Fisika kelas V semester 2 SD Negeri se-Kecamatan Sleman. Miskonsepsi IPA Fisika terjadi pada konsep gaya, pesawat sederhana, sifat-sifat cahaya, penerapan sifat cahaya pada kaya/model, jenis-jenis batuan dan pelapukan. Miskonsepsi IPA Fisika siswa kelas V tertinggi terjadi pada konsep jenis-jenis batuan yaitu sebesar 58%. Ada perbedaan miskonsepsi IPA Fisika kelas V semester 2 se-Kecamatan Sleman dilihat dari tingkat akreditasi sekolah ( $\text{sig } 2 \text{ tailed} = 0,028 < 0,05$ ).

Kata kunci: Miskonsepsi, Fisika, Tingkat Akreditasi Sekolah.

**ABSTRACT*****THE MISCONCEPTIONS ON THE ELEMENTS OF PHYSICS IN SCIENCE SUBJECT ON THE SECOND SEMESTER OF THE FIFTH GRADE STUDENTS IN STATE ELEMENTARY SCHOOLS IN SLEMAN DISCTRICT OF SLEMAN REGENCY***

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*The background of this research is the low understanding of scientific concepts in Science subject amongst the elementary school students in the district of Sleman that might cause misconception. This research, therefore, is aimed to (1) identify the misconceptions on the elements of Physics in Science subject on the second-semester fifth grade students in state elementary schools in the district of Sleman; and (2) identify the differences of the misconceptions on the elements of Physics in Science subject occur on the second semester of the fifth grade in state elementary schools in the district of Sleman as it is seen in the accordance of the schools' accreditation level.*

*This research is considered as a quantitative research with the survey method. The observation has taken place in total of 28 state elementary schools in the district of Sleman. The population of the research subjects, which are the fifth grade students of the state elementary schools in the district of Sleman, reaches in total of 832 students. The technic applied is Simple Random Sampling technic with the samples of 261 students. This technic of Simple Random Sampling applied requires research subjects to finish a written test with the instrument of Multiple Choices.*

*The result of the research has indicated the misconceptions on the elements of Physics in the Science subject on the second semester of the fifth grade in state elementary schools in the district of Sleman. The misconceptions of the elements of Physics occur on the study of Force, Simple Machine, the Characteristics of Visible Light, the application of Visible Light characteristics on models, types of Rocks, and Weathering. The highest number of misconceptions on the elements of Physics in Science subject in the fifth grade occurs on the study of the types of Rocks which reaches 58% of the samples taken on its indicator. The differences on the level of misconceptions on the Physics element in Science subject in state elementary school in the district of Sleman are also identified in the accordance of the schools' accreditation level (sig 2 tailed = 0,028 < 0,05).*

*Keywords: Misconception, Physics, Schools' Accreditation Level.*