

# INVESTIGASI TERMINOLOGI IPA KELAS IV SD UNTUK MEWUJUDKAN PENDIDIKAN INKLUSIF BAGI SISWA TUNARUNGU

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## ABSTRAK

Penelitian ini bertujuan untuk menginvestigasi terminologi-terminologi IPA yang muncul pada materi IPA kelas IV SD dan mendeskripsikan persentase kemunculan terminologi-terminologi IPA pada keseluruhan materi IPA kelas IV SD. Jenis penelitian ini adalah penelitian deskriptif. Subjek penelitian ini menggunakan 120 sumber materi IPA kelas IV SD. Pengumpulan data pada penelitian ini menggunakan metode studi dokumen dan observasi terstruktur. Teknik analisis data menggunakan metode analisis korpus melalui *Voyant Tools*. Hasil penelitian ini menunjukkan bahwa, terminologi-terminologi yang sering muncul pada materi IPA kelas IV SD sebanyak 506 terminologi (338 kata dan 168 frasa). Terminologi tersebut diantaranya, kata “Air”, “Daun”, “Energi”, “Fotosintesis”, “Gaya”, “Listrik”, dan “Zat”. Pada frasa diantaranya, “Akar Tumbuhan”, “Kelopak Mata”, “Makhluk Hidup”, “Perubahan Wujud Benda”, “Rangka Tulang”, “Sumber Energi”, dan “Zat Cair”. Untuk terminologi kata secara umum, rentang persentase kemunculan berkisar antara 0.01% sampai 1.03%. Untuk terminologi frasa secara umum, rentang persentase kemunculan berkisar antara 0.01% sampai 1.84%. Seluruh temuan terminologi telah divalidasi oleh dosen IPA dan telah berkolaborasi dengan GPK dan guru kelas IV untuk mengidentifikasi terminologi yang sering digunakan. Berdasarkan hasil penelitian, penelitian tentang terminologi IPA dalam bahasa isyarat perlu ditindaklanjuti dengan penelitian selanjutnya yang relevan untuk mewujudkan pendidikan IPA yang inklusif.

Kata-kata kunci : Terminologi IPA, Siswa Tunarungu, Pendidikan Inklusif

**INVESTIGATION OF SCIENCE TERMINOLOGY IN GRADE IV  
ELEMENTARY SCHOOL TO REALIZE INCLUSIVE EDUCATION FOR  
DEAF STUDENTS**

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**ABSTRACT**

*This study aims to investigate the science terminologies that appear in the science material of grade IV elementary school and describe the percentage of the emergence of science terminologies in the entire science material of grade IV elementary school. This type of research is descriptive research. The subjects of this study used 120 sources of science material for grade IV elementary school. Data collection in this study used the document study method and structured observation. The data analysis technique used the corpus analysis method through Voyant Tools. The results of this study indicate that the terminologies that often appear in science material for grade IV elementary school are 506 terms (338 words and 168 phrases). These terminologies include the words "Water", "Leaves", "Energy", "Photosynthesis", "Force", "Electricity", and "Substance". In the phrases include, "Plant Roots", "Eyelids", "Living Things", "Changes in the Form of Objects", "Bone Frame", "Energy Sources", and "Liquids". For general word terminology, the percentage range of occurrence ranges from 0.01% to 1.03%. For general phrase terminology, the percentage range of occurrence ranges from 0.01% to 1.84%. All terminology findings have been validated by science lecturers and have collaborated with GPK and grade IV teachers to identify frequently used terminology. Based on the results of the study, research on science terminology in sign language needs to be followed up with further relevant research to realize inclusive science education.*

*Keywords: Science Terminology, Deaf Students, Inclusive Education*