

ABSTRAK

DINI FITRIANI. Pengembangan Bahan Ajar IPAS Berbasis *Google Slide* Materi Magnet, Listrik, dan Teknologi Untuk Kehidupan, Kelas V SD Muhammadiyah 21 Medan. Skripsi. Medan: Fakultas Ilmu Pendidikan Universitas Negeri Medan, 2024.

Penelitian ini bertujuan untuk mengetahui kelayakan, kepraktisan dan keefektifitasan produk bahan ajar IPAS Berbasis *Google Slide* Materi Magnet, Listrik, dan Teknologi Untuk Kehidupan Kelas V SD Muhammadiyah 21 Medan. Adapun metode yang digunakan dalam penelitian ini adalah metode *Research and Development* (R&D) Model 4D yakni *Define, Design, Development and Dissemination*. Adapun subjek penelitiannya adalah siswa kelas V-A SD Muhammadiyah 21 Medan. Sedangkan instrumen atau alat pengumpulan datanya adalah lembar observasi, lembar wawancara, angket validasi materi dan desain teknologi, angket validasi praktisi pendidikan dan soal tes. Hasil penelitian ini adalah bahan ajar IPAS Berbasis *Google Slide* dengan meliputi 3 aspek yakni : penilaian terhadap aspek kelayakan isi materi dengan hasil persentase 77% (Valid/Layak digunakan). Aspek kelayakan kelayakan tampilan desain dan teknologi dengan persentase 81% (Valid/Layak untuk digunakan). Aspek praktikalitas diperoleh hasil persentase 93,3% (Valid/Layak untuk digunakan). Sedangkan untuk hasil efektifitas dari *pre-test* dan *post-test* dengan persentase 80,28%. Berdasarkan hasil uji kelayakan, kepraktisan dan keefektifitasan produk ini maka dapat disimpulkan bahwa Bahan Ajar IPAS Berbasis *Google Slide* ini sangat layak, praktis dan efektif untuk digunakan.

Kata kunci : Bahan Ajar IPAS, Berbasis *Google Slide*, Siswa Sekolah Dasar

ABSTRACT

DINI FITRIANI. Development of Google Slide-Based Science and Technology Teaching Materials Material on Magnetism, Electricity and Technology for Life, Class V SD Muhammadiyah 21 Medan. Skripsi. Medan: Faculty of Education, Universitas Negeri Medan, 2024.

This research aims to determine the feasibility, practicality and effectiveness of science and science teaching material products based on Google Slides, Magnet, Electricity and Technology Materials for Life for Class V at SD Muhammadiyah 21 Medan. The method used in this research is the 4D Model Research and Development (R&D) method, namely Define, Design, Development and Dissemination. The research subjects were students in class V-A of SD Muhammadiyah 21 Medan. Meanwhile, the instruments or data collection tools are observation sheets, interview sheets, material and technology design validation questionnaires, educational practitioner validation questionnaires and test questions. The results of this research are Google Slide-based science teaching materials which include 3 aspects, namely: assessment of the appropriateness aspect of the material content with a percentage result of 77% (Valid/Suitable for use). Feasibility aspect of design and technology appearance with a percentage of 81% (Valid/Appropriate to use). The practicality aspect obtained a percentage result of 93.3% (Valid/Appropriate for use). Meanwhile, the effectiveness results from the pre-test and post-test were 80.28%. Based on the results of the feasibility test, practicality and effectiveness of this product, it can be concluded that this Google Slides Based Science Teaching Material is very feasible, practical and effective to use.

Keywords: Science and Technology Teaching Materials, Google Slides Based, Elementary School Students