

**PENGEMBANGAN MULTIMEDIA BERBASIS METODE ORTON-
GILLINGHAM GUNA MENINGKATKAN LITERASI DASAR SISWA
INKLUSI DI SD NEGERI 3 PENARUKAN**

Putu Restu Hardita, NIM 2211021008

Program Studi Teknologi Pendidikan

Jurusan Ilmu Pendidikan Psikologi dan Bimbingan

ABSTRAK

Rendahnya kemampuan literasi dasar siswa inklusi disebabkan oleh kurangnya penggunaan media pembelajaran yang inovatif dan sesuai dengan kebutuhan belajar yang beragam. Oleh karena itu, diperlukan pengembangan multimedia pembelajaran berbasis Metode Orton–Gillingham yang bersifat multisensori dan interaktif untuk mendukung proses pembelajaran. Penelitian ini bertujuan untuk mengetahui rancang bangun, validitas, kepraktisan, dan efektivitas multimedia pembelajaran berbasis Metode Orton–Gillingham pada siswa inklusi di SD Negeri 3 Penarukan. Jenis penelitian ini adalah penelitian pengembangan dengan model ADDIE yang meliputi tahap analisis, desain, pengembangan, implementasi, dan evaluasi. Pengumpulan data dilakukan melalui kuesioner dan tes, sedangkan analisis data menggunakan teknik deskriptif kuantitatif dan uji statistik inferensial. Hasil penelitian menunjukkan bahwa multimedia berhasil dikembangkan melalui tahapan ADDIE secara sistematis. Uji validitas memperoleh kualifikasi sangat baik dari ahli isi, ahli desain, dan ahli media, yang menunjukkan bahwa media layak digunakan. Uji kepraktisan dari guru serta uji coba perorangan dan kelompok kecil juga menunjukkan kategori sangat baik, sehingga media mudah digunakan dan membantu proses pembelajaran. Hasil uji efektivitas menunjukkan adanya peningkatan signifikan antara nilai *pre-test* dan *post-test* dengan nilai signifikansi $< 0,05$, sehingga multimedia terbukti efektif dalam meningkatkan kemampuan literasi dasar siswa inklusi. Implikasi penelitian ini menunjukkan bahwa multimedia berbasis Metode Orton–Gillingham dapat menjadi alternatif media pembelajaran yang inovatif, efektif, dan sesuai dengan kebutuhan siswa inklusi. Selain itu, penggunaan pendekatan multisensori dan model ADDIE yang sistematis dapat mendukung pengembangan pembelajaran yang lebih bermakna serta mendorong inovasi penggunaan teknologi dalam pendidikan inklusi.

Kata kunci: Multimedia, Orton–Gillingham, Literasi Dasar, Siswa Inklusi, ADDIE

**DEVELOPMENT OF MULTIMEDIA BASED ON THE ORTON–
GILLINGHAM METHOD TO IMPROVE BASIC LITERACY OF
INCLUSIVE STUDENTS AT SD NEGERI 3 PENARUKAN**

Putu Restu Hardita, Student ID 2211021008

Educational Technology Study Program

Department of Educational Psychology and Guidance

ABSTRACT

The low level of basic literacy among inclusive students is caused by the limited use of innovative learning media that accommodate diverse learning needs. Therefore, it is necessary to develop multimedia learning based on the Orton–Gillingham method, which is multisensory and interactive, to support the learning process. This study aims to determine the design, validity, practicality, and effectiveness of multimedia learning based on the Orton–Gillingham method for inclusive students at SD Negeri 3 Penarukan. This research employs a development research approach using the ADDIE model, which consists of the stages of analyze, design, development, implementation, and evaluation. Data were collected through questionnaires and tests, while data analyze used descriptive quantitative techniques and inferential statistical tests. The results indicate that the multimedia was successfully developed through systematic ADDIE stages. The validity test showed an excellent qualification from content experts, design experts, and media experts, indicating that the media is suitable for use. Practicality tests conducted by teachers, as well as individual and small group trials, also showed very good categories, demonstrating that the media is easy to use and supports the learning process. The effectiveness test results revealed a significant improvement between pre-test and post-test scores with a significance value of < 0.05 , indicating that the multimedia is effective in improving the basic literacy skills of inclusive students. The implications of this study suggest that multimedia based on the Orton–Gillingham method can serve as an innovative and effective alternative learning medium that aligns with the needs of inclusive students, while the use of a multisensory approach and a systematic ADDIE model supports more meaningful learning and encourages innovation in the use of technology in inclusive education.

Keywords: *Multimedia, Orton–Gillingham, Basic Literacy, Inclusive Students, ADDIE*