ABSTRAK

Sumertini, Ni Kadek (2024), *Pengembangan Kamus Online Bahasa Isyarat Multi Representasi untuk Meningkatkan Kemampuan Berbahasa Siswa SDLB Tunarungu SLB Negeri 1 Buleleng*. Tesis, Teknologi Pendidikan, Program Pasca Sarjana, Universitas Pendidikan Ganesha.

Kata kunci: Kamus Online, Bahasa Isyarat, Multi Representasi, Kemampuan berbahasa, Tunarungu

Kurangnya penguasaan bahasa isyarat siswa tunarungu berpengaruh pada kemampuan berbahasanya. Siswa SDLB tunarungu SLB Negeri 1 Buleleng masih mengalami kendala dalam memahami kosakata ketika belajar bahasa isyarat. Siswa tunarungu memerlukan bantuan visual dalam memahami kosakata. Tujuan dari penelitian ini adalah mengembangkan kamus online bahasa isyarat multi representasi yang valid, praktis dan efektif dalam meningkatkan kemampuan berbahasa siswa SDLB tunarungu SLB Negeri 1 Buleleng. Jenis penelitian ini adalah *Research and Development* (R&D) dengan pengembangan ADDIE (*Analyse, Design, Develop, Implement, dan Evaluate*). Subjek penelitian adalah ahli isi pembelajaran, ahli desain pembelajaran, ahli media pembelajaran, siswa dalam uji perorangan, siswa dalam uji kelompok kecil, siswa dalam uji lapangan, guru SDLB. Instrumen yang digunakan non tes berupa observasi dan kuesioner dan berupa tes kemampuan berbahasa. Data dianalisis secara deskriptif kualitatif, deskriptif kuantitatif dan statistik inferensial. Hasil penelitian menunjukan bahwa kamus online bahasa isyarat multi representasi dinyatakan valid dengan hasil review ahli isi pembelajaran sebesar 92% (Sangat Baik), ahli desain pembelajaran sebesar 85% (Baik), ahli media pembelajaran sebesar 81% (Baik), uji kepraktisan sebesar 97% (Sangat Praktis), uji perorangan sebesar 87,33% (Baik), uji kelompok kecil sebesar 90,17% (Sangat Baik), uji lapangan sebesar 90,33% (Sangat Baik), uji-t diperoleh nilai Sig (2-tailed) sebesar $0,000 < 0,005$ disimpulkan terdapat perbedaan yang signifikan kemampuan berbahasa siswa sebelum dan sesudah diterapkan kamus online bahasa isyarat multi representasi. Nilai rata-rata pretest sebesar 65,30 dan skor rata-rata postest sebesar 82,67. Setelah dicocokan dengan Kriteria Ketercapaian Tujuan Pembelajaran (KKTP) yaitu 75, dapat dinyatakan bahwa kamus online bahasa isyarat multi representasi efektif dalam meningkatkan kemampuan berbahasa siswa SDLB tunarungu. Hasil uji respon guru sebesar 95% (Sangat Baik) dan hasil uji respon siswa sebesar 90,33%(Sangat Baik).

ABSTRACT

Sumertini, Ni Kadek (2024), Development of a Multi-Representational Sign Language Online Dictionary to Improve the Language Skills of Deaf special elementary school students at SLB Negeri 1 Buleleng. Thesis, Educational Technology, Postgraduate Program, Ganesha University of Education.

Keywords: Online Dictionary, Sign Language, Multi Representation, Language Ability, Deaf

The lack of mastery of sign language in deaf students affects their language skills. Deaf special elementary school students of SLB Negeri 1 Buleleng still experience difficulties in understanding vocabulary when learning sign language. Deaf students need visual assistance in understanding vocabulary. The purpose of this study was to develop a valid, practical and effective multi-representation online sign language dictionary in improving the language skills of deaf special elementary school students of SLB Negeri 1 Buleleng. This type of research is Research and Development(R&D) with the development of ADDIE (Analyze, Design, Develop, Implement, and Evaluate). The subjects of the study were learning content experts, learning design experts, learning media experts, students in individual tests, students in small group tests, students in field tests, deaf special elementary school teacher. The instruments used were non-tests in the form of observations and questionnaires and in the form of language ability tests. Data were analyzed descriptively qualitatively, descriptively quantitatively and inferential statistics. The results of the study showed that the multi-representation online sign language dictionary was declared valid with the results of the learning content expert review of 92% (Very Good), learning design experts of 85% (Good), learning media experts of 81% (Good), practicality test of 97% (Very Practical), individual test of 87.33% (Good), small group test of 90.17% (Very Good), field test of 90.33% (Very Good), t-test obtained a Sig value (2-tailed) of 0.000 <0.005 concluded that there was a significant difference in students' language abilities before and after the implementation of the multi-representation online sign language dictionary. The average pretest score was 65.30 and the average posttest score was 82.67. After being matched with the Learning Objective Achievement Criteria (KKTP) of 75, it can be stated that the multi-representation online sign language dictionary is effective in improving the language skills of deaf special elementary school students. The results of the teacher response test were 95% (Very Good) and the results of the student response test were 90.33% (Very Good).