

ABSTRAK

PENGEMBANGAN INSTRUMEN EVALUASI PEMBELAJARAN IPA BERBASIS *GAME* EDUKASI *WORDWALL* SISWA KELAS VI MATERI TATA SURYA SD N 7 MANUKAYA

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Penelitian ini bertujuan untuk: 1) Mengetahui bagaimana kebutuhan guru dalam menerapkan instrumen evaluasi pembelajaran IPA berbasis *game* edukasi *Wordwall* kelas VI materi tata surya di SD N 7 Manukaya; 2) Mengetahui *prototipe* instrumen evaluasi pembelajaran IPA berbasis *Wordwall* di kelas VI materi tata surya; 3) Mengetahui validitas instrumen evaluasi pembelajaran IPA berbasis *game* edukasi *Wordwall* siswa kelas VI materi tata surya di SD N 7 Manukaya. Jenis penelitian ini adalah Penelitian pengembangan (Research and Development). Pada penelitian ini menggunakan tahapan penelitian diantaranya: (1) Potensi dan Masalah, (2) Pengumpulan Data, (3) Desain Produk, (4) Validitas Desain Produk dan (5) Revisi. Analisis data menggunakan analisis deskriptif kualitatif, instrumen pengumpulan data yaitu: (1) instrumen angket tertutup, (2) Instrumen wawancara terstruktur, (3) observasi dan (4) dokumentasi, subyek penelitian guru dan siswa SD N 7 Manukaya dan objek penelitian adalah pengembangan instrumen evaluasi pembelajaran, validator penelitian menggunakan 3 orang ahli. Hasil dari penelitian ini adalah (1) Sangat diperlukan instrumen evaluasi berbasis web untuk membuat proses evaluasi menjadi lebih menarik dan menyenangkan, inti permasalahannya adalah bahwa guru hanya mengandalkan evaluasi tertulis, yang menyebabkan siswa merasa bosan, (2) Instrumen evaluasi di rancang dalam bentuk kuis interaktif dengan 25 soal dengan tampilan berupa *game* dalam bentuk *web Wordwall*, (3) Rata-rata skor validitas keseluruhan adalah 86, yang menurut konversi kriteria validasi termasuk dalam kategori Valid ($70 \leq X < 90$).

Kata Kunci: Instrumen, Evaluasi, *Wordwall*, IPA.

ABSTRACT

DEVELOPMENT OF SCIENCE LEARNING EVALUATION INSTRUMENT BASED ON *WORDWALL* EDUCATIONAL GAMES FOR GRADE VI STUDENTS ON THE SOLAR SYSTEM MATERIAL AT SD N 7 MANUKAYA

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This study aims to: 1) Find out how teachers' needs are in implementing science learning evaluation instruments based on *Wordwall* educational games for grade VI on solar system material at SD N 7 Manukaya; 2) Find out the prototype of the *Wordwall*-based science learning evaluation instrument in grade VI on solar system material; 3) Find out the validity of the science learning evaluation instrument based on *Wordwall* educational games for grade VI students on solar system material at SD N 7 Manukaya. This type of research is Research and Development. This study uses research stages including: (1) Potential and Problems, (2) Data Collection, (3) Product Design, (4) Product Design Validity and (5) Revision. Data analysis uses qualitative descriptive analysis, data collection instruments are: (1) closed questionnaire instruments, (2) structured interview instruments, (3) observation and (4) documentation, research subjects are teachers and students of SD N 7 Manukaya and the object of research is the development of learning evaluation instruments, research validators use 3 experts. The results of this study are: (1) A web-based evaluation instrument is needed to make the evaluation process more interesting and enjoyable, the core problem is that teachers only rely on written evaluations, which causes students to feel bored, (2) The evaluation instrument is designed in the form of an interactive quiz with 25 questions with a game display in the form of a *Wordwall* web, (3) The average overall score is 86, which according to the validation criteria conversion is included in the Valid category ($70 \leq X < 90$).

Keywords: Instrument, Evaluation, *Wordwall*, Science.