

ABSTRAK

Pradipta, I Dewa Bagus Putu Edwin (2020), *Pengembangan Instrumen Kemampuan Berpikir Kreatif Dan Literasi Matematika Pada Materi Geometri Siswa Kelas IV Sekolah Dasar*. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Kata-kata kunci: pengembangan instrumen, kemampuan berpikir kreatif, literasi matematika

Penelitian ini bertujuan untuk mengetahui dan mendeskripsikan: 1) validitas isi instrumen kemampuan berpikir kreatif dan literasi matematika; 2) reliabilitas instrumen kemampuan berpikir kreatif dan literasi matematika. Jenis penelitian ini merupakan penelitian pengembangan *Research and Development* (R&D) dengan model ADDIE. Tahapan model ADDIE meliputi: *analysis, design, development, implementation, dan evaluation*. Data yang dikumpulkan berupa data kemampuan berpikir kreatif dan literasi matematika. Data kemampuan berpikir kreatif dikumpulkan dengan tes berpikir kreatif dalam bentuk essay, sedangkan data literasi matematika dikumpulkan tes literasi matematika dalam bentuk pilihan ganda. Data validitas dan reliabilitas yang telah terkumpul dianalisis menggunakan CVR dan *Alpha Cronbach*. Hasil penelitian menunjukkan bahwa: 1) Untuk instrumen kemampuan berpikir kreatif, berdasarkan uji ahli terdapat 10 soal yang dinyatakan valid dengan $0,60 \leq v_y \leq 1,00$. Hasil uji reliabilitas sebesar 0,82 berada pada kategori sangat tinggi; 2) Untuk instrumen literasi matematika, berdasarkan uji ahli terdapat 18 soal yang valid dengan $0,60 \leq v_y \leq 1,00$ dan 3 soal dinyatakan tidak valid dari 21 soal yang diuji. Hasil uji reliabilitas sebesar 0,81 berada pada kategori sangat tinggi. Berdasarkan hasil analisis data, disimpulkan bahwa penelitian ini menghasilkan instrumen kemampuan berpikir kreatif dan literasi matematika yang valid dan reliabel.

ABSTRACT

Pradipta, I Dewa Bagus Putu Edwin (2020), *Development of Creative Thinking Ability Instruments and Mathematical Literacy in Geometry Materials of Class IV Students of Primary Schools*. Thesis, Elementary Education, Postgraduate Program, Ganesha University of Education.

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Key words: instrument development, creative thinking skills, mathematical literacy

The research aimed to find out and describe: 1) the instrument content validity of creative thinking skills and mathematical literacy; 2) the instrument reliability of creative thinking and mathematical literacy. The type of this research was Research and Development (R&D) used was ADDIE design. The ADDIE design which consist of four stages, such as: analysis, design, development, implementation, and evaluation. The collected data in this research were the data of creative thinking skills and mathematical literacy. The data of creative thinking skills were collected creative thinking test used essay form, whereas the mathematical literacy data were collected in the form of questions sheet used multiple choice. The data were collected analyzed by using CVR and Alpha Cronbach. The results of this research show that: 1) For the creative thinking skills instrument, based on expert test there were 10 valid questions with $0,60 \leq v_y \leq 1,00$. The reliability test result of 0.82 were in the very high category; 2) for mathematical literacy instrument, based on expert test there were 18 valid questions with $0,60 \leq v_y \leq 1,00$ and 3 invalid questions from 21 questions tested. The reliability test result of 0.81 were in the very high category. From those results, it can be concluded that this research produces valid and reliable critical thinking skills and mathematical literacy instruments.