

Abstrak

Suarjana, I Made (2020), *Pengembangan Instrumen Kemampuan Berpikir Kritis dan Sikap Peduli Lingkungan Tema 8 Pada Peserta Didik Kelas IV SD*. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Penelitian dan pengembangan ini bertujuan untuk: (1) mengetahui validitas isi instrumen kemampuan berpikir kritis siswa kelas IV SD; (2) mengetahui reliabilitas menurut validator instrumen kemampuan berpikir kritis siswa kelas IV SD; (3) mengetahui validitas isi instrumen sikap peduli lingkungan pada siswa kelas IV SD; (4) mengetahui reliabilitas menurut validator instrumen sikap peduli lingkungan pada siswa kelas IV SD. Penelitian ini menggunakan rancangan penelitian pengembangan. Model pengembangan yang digunakan adalah model pengembangan 4-D oleh Thiagarajan yang terdiri dari empat tahap, yaitu define, design, develop dan disseminate. Pada tahap define, menyusun kisi-kisi instrumen kemampuan berpikir kritis dan sikap peduli lingkungan. Pada tahap design, kisi-kisi tersebut dijabarkan menjadi butir instrumen. Pada tahap develop, dilakukan uji validitas isi (content) dengan teknik Lawshe untuk menghitung Content Validity Ratio (CVR) dan uji reliabilitas oleh validator. Untuk menguji instrumen kemampuan berpikir kritis menggunakan rumus KR20 sedangkan instrumen sikap peduli lingkungan menggunakan rumus Alpha Cronbach. Analisis melibatkan dua orang dosen ahli dan tiga orang rekan guru kelas IV yang berperan sebagai validator. Hasil penelitian ini menunjukkan bahwa instrumen kemampuan berpikir kritis dengan bentuk tes pilihan ganda yang terdiri dari 30 butir soal dinyatakan valid dan reliabilitas dengan nilai $\alpha = 0,74$. Hasil instrumen sikap peduli lingkungan dengan bentuk angket yang terdiri dari 30 butir pernyataan dinyatakan valid dan reliabilitas dengan nilai $r_{11} = 0,8$.

Kata kunci : instrumen, kemampuan berpikir kritis, sikap peduli lingkungan

Abstract

Suarjana, I Made (2020), Development of Critical Thinking Ability Instruments and Environmental Care Attitudes Theme 8 for Grade IV Elementary Students. Thesis, Basic Education, Postgraduate Program, Ganesha University of Education.

This thesis has been approved and examined by Supervisor I: Prof. Dr. I Wayan Lasmawan, M.Pd. and Supervisor II: Dr. I Made Gunamantha, ST, MM.

This research and development aimed to: (1) find out the validity of content instrument through critical thinking ability among elementary school students at IV grade; (2) investigate the reliability based on instrument validator critical thinking elementary school students at IV grade; (3) investigate the validity of content instrument of environment awareness ability among elementary school students at IV grade; (4) investigate the reliability based on instrument validator environment awareness ability elementary school students at IV grade. This research used research plan development. The sample of this research used 4-D development sample by Thiagarajan, which were consist of four stages, there were define, design, develop and disseminate. On the define stage, arranged the sample instrument of critical thinking and environment awareness abilities. On the design stage, that sample was elaborated to be bullet point of instrument. On the develop stage, conducted the examined of validity of the content with Lawshe technique for calculated Content Validity Ratio (CVR) and examined the reliability by validator. To examine the instrument of critical thinking ability used formula KR20, meanwhile for instrument of environment awareness used formula of Alpha Cronbach. The analysis was involved by two master lecturers and three teachers of IV grade which were as a validator. The result showed that critical thinking ability instrument with objective test consisted of 30 questions was valid and the reliability was = 0.74. In addition, the result of environment awareness ability instrument showed with questionnaire consisted of 30 questions was valid and the reliability $r_{11} = 0.8$

Keywords: instrument, critical thinking ability, environment awareness ability