

## ABSTRAK

Sarmiasih, N.L.G (2020). “Pengembangan Instrumen Keterampilan Berpikir Kreatif dan Hasil Belajar IPA Siswa Kelas V SD ”.

Tesis ini sudah disetujui dan diperiksa oleh: Pembimbing I Prof. Dr. IB Putrayasa, dan pembimbing II Prof. Dr. Ida Bagus Putu Arnyana, M.Si.

**Kata kunci:** pengembangan instrumen; keterampilan berpikir kreatif; hasil belajar IPA.

Penelitian pengembangan ini bertujuan untuk: (a) memperoleh instrumen keterampilan berpikir kreatif yang valid dan reliabel; (b) memperoleh instrumen hasil belajar IPA pada siswa kelas V SD yang valid dan reliabel. Jenis penelitian ini menggunakan rancangan penelitian pengembangan *Research dan Deveelopment* (R&D). Model pengembangan yang digunakan adalah model 4D (*four D*) yang terdiri atas empat tahapan, yaitu: *define* (pendefinisian), *design* (perancangan), *develop* (pengembangan), dan *disseminate* (penyebaran) tidak dilakukan. Data yang dikumpulkan berupa data validitas dan reliabilitas instrumen keterampilan berpikir kreatif dan hasil belajar IPA. Data validitas dianalisis dengan CVR, sedangkan reliabilitas dianalisis dengan Alpha Cronbach. Validitas diukur menggunakan uji ahli sebanyak 5 orang yang terdiri dari 2 orang dosen ahli dan 3 orang guru. Instrumen keterampilan berpikir kreatif berbentuk kuesioner terdiri dari 40 pernyataan. Berdasarkan hasil dari perhitungan CVR, didapatkan 36 soal valid dan 4 soal yang tidak valid. Perhitungan reliabilitas instrumen menurut expert instrumen keterampilan berpikir kreatif pada siswa kelas V SD yaitu sebesar  $r_{11} = 0,78$  (terkatagori tinggi). Instrumen kedua yaitu hasil belajar IPA berupa soal tes objektif pilihan ganda sebanyak 35 butir. Berdasarkan hasil perhitungan CVR diperoleh 34 butir instrumen yang valid dan 1 instrumen yang tidak valid. Perhitungan instrumen menurut expert instrumen hasil belajar IPA pada siswa kelas V SD yaitu sebesar  $r_{11} = 0,85$  (kategori sangat tinggi).

## ABSTRACT

Sarmiasih, N.L.G (2020). "Development Instrument Skills Creative Thinking and Learning Outcomes Science Students V Primary School ".

This thesis has been approved and examined by: Supervisor I Prof. Dr. IB Putrayasa, and supervisor II Prof. Dr. Ida Bagus Putu Arnyana, M.Si.

Keywords: instrument development; creative thinking skills; science learning outcomes.

This research development aimed to: (a) Have an instrument creative thinking skills are valid and it is reliable and (b) memperoleh instrumen hasil belajar IPA pada siswa kelas V SD yang valid dan reliabel. This type of research used Research and Development (R&D) research design development. The development model used in this research was the 4D (four D) model which consisted of four stages, namely: define, design, develop, and disseminate not down. Data were collected in the form of data validity and reliability of creative thinking skills instruments and learning outcomes of science. Validity data were analyzed by using CVR, while reliability was analyzed by using Alpha Cronbach. Validity was measured using an expert test of 5 people consisting of 2 expert lecturers and 3 teachers. The instrument of creative thinking skills was in the form of a questionnaire consisting of 40 statements. Based on the results of the CVR calculation, 36 valid questions and 4 invalid questions were obtained. The calculation of instrument reliability according to the expert instruments of creative thinking skills in the fifth grade of elementary school students was equal to  $r_{11} = 0.78$  (high categorized). The second instrument was the science learning outcomes in the form of multiple choice objective test questions which consisted of 35 items. Based on the CVR calculation results, there were 34 valid instruments and 1 invalid instrument. Instrument calculation according to the instrument of science learning outcomes in the fifth grade of the elementary school students was equal to  $r_{11} = 0.85$  (very high category).