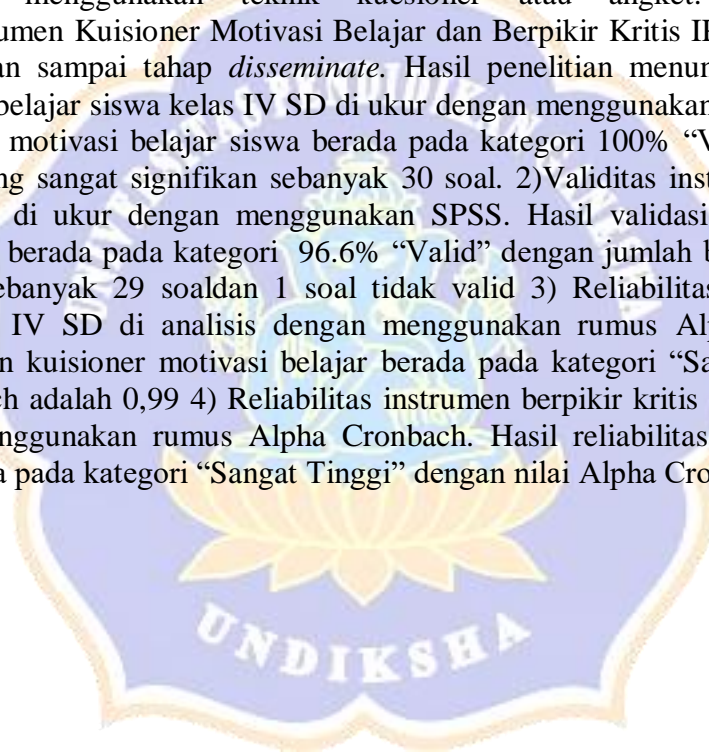


## ABSTRAK

Reni Paramitha, A. A. (2021), Pengembangan Instrumen Kemampuan Berpikir Kritis Dan Motivasi Belajar IPA Siswa Kelas IV SD. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

Kata Kunci: Motivasi Belajar, Berpikir Kritis, Instrumen

Penelitian ini adalah penelitian Pengembangan Instrumen Kuisisioner Motivasi Belajar dan Berpikir Kritis untuk Siswa kelas IV SD. : 1) Untuk mengetahui validitas dan reliabilitas instrumen motivasi belajar siswa kelas IV SD. 2) Untuk mengetahui validitas dan reliabilitas instrumen berpikir kritis siswa kelas IV SD. Penelitian ini menggunakan desain pengembangan 4-D yang terdiri dari empat tahap utama yaitu *define*, *design*, *development*, dan *disseminate*. Pada penelitian pengembangan ini metode pengumpulan data menggunakan metode non tes. Metode non tes dengan menggunakan teknik kuisisioner atau angket. Dalam penelitian Pengembangan Instrumen Kuisisioner Motivasi Belajar dan Berpikir Kritis IPA untuk Siswa kelas IV SD ini dilakukan sampai tahap *disseminate*. Hasil penelitian menunjukkan: 1) Validitas instrumen motivasi belajar siswa kelas IV SD diukur dengan menggunakan SPSS. Hasil validasi instrumen kuisisioner motivasi belajar siswa berada pada kategori 100% "Valid" dengan jumlah butir pertanyaan yang sangat signifikan sebanyak 30 soal. 2) Validitas instrumen berpikir kritis siswa kelas IV SD diukur dengan menggunakan SPSS. Hasil validasi instrumen kuisisioner berpikir kritis siswa berada pada kategori 96.6% "Valid" dengan jumlah butir pertanyaan yang sangat signifikan sebanyak 29 soal dan 1 soal tidak valid. 3) Reliabilitas instrumen motivasi belajar siswa kelas IV SD di analisis dengan menggunakan rumus Alpha Cronbach. Hasil reliabilitas instrumen kuisisioner motivasi belajar berada pada kategori "Sangat Tinggi" dengan nilai Alpha Cronbach adalah 0,99. 4) Reliabilitas instrumen berpikir kritis siswa kelas IV SD di analisis dengan menggunakan rumus Alpha Cronbach. Hasil reliabilitas instrumen kuisisioner berpikir kritis berada pada kategori "Sangat Tinggi" dengan nilai Alpha Cronbach adalah 0,97.



## ABSTRACT

Reni Paramitha A., A. (2021), *Development of Critical Thinking Ability Instruments and Science Learning Motivation for Fourth Grade Elementary School Students*. Thesis, Basic Education, Postgraduate Program, Ganesha Education University

*Keywords: Learning Motivation, Critical Thinking, Instrument*

*This research is a research on Development of Learning Motivation Questionnaire Instrument and Critical Thinking for Fourth Grade Elementary School Students. : 1) To determine the validity and reliability of the learning motivation instrument for fourth grade elementary school students. 2) To determine the validity and reliability of the critical thinking instrument for fourth grade elementary school students. . This study uses a 4-D development design consisting of four main stages, namely define, design, development, and disseminate. In this research, the Development of Science Learning Motivation and Critical Thinking Questionnaire Instruments for Fourth Grade Elementary School Students was carried out to the disseminate stage. The results showed: 1) The validity of the learning motivation instrument for fourth grade elementary school students was measured using SPSS. The results of the validation of the students' learning motivation questionnaire were in the 100% "Valid" category with a very significant number of questions as many as 30 questions. 2) The validity of the critical thinking instrument for fourth grade elementary school students was measured using SPSS. The results of the validation of the student's critical thinking questionnaire instrument were in the 96.6% "Valid" category with a very significant number of questions as many as 29 questions and 1 question invalid 3) The reliability of the learning motivation instrument for fourth grade elementary school students was analyzed using the Alpha Cronbach formula. The results of the reliability of the learning motivation questionnaire instrument were in the "Very High" category with Cronbach's Alpha value of 0.99 4) The reliability of the fourth grade elementary school students' critical thinking instrument was analyzed using the Cronbach Alpha formula. The results of the reliability of the critical thinking questionnaire instrument are in the "Very High" category with Cronbach's Alpha value of 0.97*

