

## ABSTRAK

Destriantini, N.W (2020), Pengembangan Instrumen Keterampilan Proses Sains Tema Lingkungan Sahabat Kita dan *Locus Of Control* Siswa Kelas V Sekolah Dasar. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha

Tesis ini sudah disetujui dan diperiksa oleh Pembimbing I : Prof. Dr. Nyoman Dantes dan Pembimbing II: Dr. I Made Gunamantha, ST.,MM.

Kata-kata kunci: pengembangan instrumen, keterampilan proses sains, *locus of control*

Penelitian ini bertujuan untuk memeroleh: 1) instrumen keterampilan proses sains dan *locus of control* yang valid; 2) instrumen keterampilan proses sains dan *locus of control* yang reliabel. Jenis penelitian ini merupakan penelitian pengembangan *Research and Development* (R&D). Model pengembangan yang digunakan adalah model 4D (*four D*) yang terdiri atas empat tahapan, yaitu: *define* (pendefinisan), *design* (perancangan), *develop* (pengembangan), dan *disseminate* (penyebaran). Data dianalisis menggunakan CVR dan *Alpha Cronbach*. Validitas diukur menggunakan uji *expert* sebanyak 5 orang yang terdiri dari 2 orang dosen *expert* dan 3 orang guru. Hasil penelitian menunjukkan bahwa: 1) Untuk instrumen keterampilan proses sains, berdasarkan uji *expert* terdapat 22 soal yang dinyatakan valid dengan  $0,60 \leq v_y \leq 1,00$  dan 3 soal dinyatakan tidak valid dari 25 soal yang diuji. Hasil uji reliabilitas sebesar 0,71 berada pada kategori tinggi; 2) Untuk instrumen *locus of control*, berdasarkan uji *expert* terdapat 43 soal yang valid dengan  $0,60 \leq v_y \leq 1,00$  dan 7 soal dinyatakan tidak valid dari 50 soal yang diuji. Hasil uji reliabilitas sebesar 0,70 berada pada kategori tinggi. Berdasarkan hasil tersebut, disimpulkan bahwa penelitian ini menghasilkan instrumen keterampilan proses sains dan *locus of control* yang valid dan reliabel.

## **ABSTRACT**

Destriantini, N.W (2020), Developing Science Process Instrument Skill Environmental Themes Our Friends Environment and Locus of Control to the V Grade Students of Primary Schools. Thesis, Basic Education, Postgraduate Program, Ganesha University of Education

This thesis has been approved and examined by: Supervisor I Prof. Dr. Nyoman Dantes and supervisor II Dr. I Made Gunamantha, ST.,MM.

Keywords: instrument of the development, science process skill, locus of control

This research aimed to determine and described: 1) the validity of the science process skills instrument and the locus of control; 2) instrument reliability of science process skills and locus of control. This type of research was a development research of Research and Development (R&D) research. The development model used in this research was the 4D (four D) model which consisted of four stages, namely: define, design, develop, and disseminate. Data were analyzed by using CVR and Alpha Cronbach. Validity was measured by using an expert test of 5 people consisting of 2 expert lecturers and 3 teachers. The results of this research showed that: 1) For the science process skill instruments, based on the expert tests, there were 22 questions which were declared valid with  $0,60 \leq v_y \leq 1,00$  and 3 questions were declared invalid of 25 questions tested. The reliability test results of 0,71 was in the high category; 2) For the locus of control instrument, based on the expert tests, there were 43 valid questions with  $0,60 \leq v_y \leq 1,00$  and 7 questions were invalid of the 50 questions tested. The reliability test results of 0,70 were in the high category. Based on these results, it was concluded that this research produced valid and reliable science process skills and locus of control instruments.