

ABSTRAK

Merta, I Ketut (2022). *Pengembangan Instrumen Penilaian Higher Order Thinking Skills (HOTS) Dan Motivasi Belajar Pada Muatan IPA Kelas V Sekolah Dasar*. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha

Penelitian ini bertujuan untuk mengembangkan validitas dan reliabilitas instrumen penilaian *Higher Order Thinking Skills* (HOTS) pada muatan IPA dan instrumen motivasi belajar siswa kelas V SD. Jenis penelitian yang digunakan dalam penelitian ini merupakan penelitian pengembangan dan model pengembangan yang digunakan adalah model Djemari Mardapi terdiri dari sembilan langkah yaitu: (1) menyusun spesifikasi tes, (2) menulis soal tes, (3) menelaah soal tes, (4) melakukan uji coba tes, (5) menganalisis butir soal tes, (6) memperbaiki tes, (7) merakit tes, (8) melaksanakan tes, dan (9) Menafsirkan hasil tes. Subjek penelitian ini adalah expert yakni dosen ahli, praktisi (guru kelas V), dan siswa kelas V untuk menilai hasil produk instrumen HOTS dan instrumen motivasi belajar. Penelitian pengembangan ini menghasilkan instrumen pertama yaitu penilaian HOTS dengan mengembangkan soal sebanyak 30 butir dan instrumen kedua untuk mengukur motivasi belajar siswa sebanyak 30 butir juga. Berdasarkan hasil dari perhitungan CVR untuk kedua instrumen yaitu penilaian HOTS dan motivasi belajar dinyatakan semua butir soal valid ($0,32-0,85 > 0,214$). Selanjutnya dilakukan uji validitas empirik menggunakan rumus korelasi product moment untuk instrumen HOTS diperoleh nilai korelasi sebesar $0,32-0,85$ sedangkan pada instrument motivasi belajar diperoleh nilai korelasi sebesar $0,65-0,94 > 0,214$ sehingga semua instrumen dapat dinyatakan valid. Nilai reliabilitas instrumen penilaian HOTS sebesar 0.918 sedangkan instrumen motivasi belajar sebesar 0,977 dengan demikian dapat dikatakan reliabilitas instrumen sangat tinggi yang dapat dijadikan contoh untuk mengukur serta mengembangkan instrument penilaian HOTS dan motivasi belajar muatan IPA kelas V SD.

Kata kunci: pengembangan instrumen, HOTS, motivasi belajar, muatan IPA

ABSTRACT

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Keywords: instrumen development, HOTS, learning motivation, science subject

This study aims to develop the validity and reliability of the Higher Order Thinking Skills (HOTS) assessment instrument on science content and learning motivation instruments for fifth-grade elementary school students. The type of research used in this research is development research and the development model used is the Djemari Mardapi model consisting of nine steps, namely: (1) compiling test specifications, (2) writing test questions, (3) studying test questions, (4) conducting test trials, (5) analyze test items, (6) improve tests, (7) assemble tests, (8) carry out tests, and (9) interpret test results. The subjects of this study were experts, namely expert lecturers, practitioners (class V teachers), and fifth-grade students to assess the results of the HOTS instrument product and learning motivation instrument. This development research resulted in the first instrument, namely the HOTS assessment by developing 30 items and the second instrument to measure students' learning motivation as many as 30 items as well. Based on the results of the CVR calculations for the two instruments, namely the HOTS assessment and learning motivation, it was stated that all items were valid ($0.32-0.85 > 0.214$). Furthermore, the empirical validity test was carried out using the product-moment correlation formula for the HOTS instrument, the correlation value was $0.32-0.85$ while the learning motivation instrument obtained a correlation value of $0.65-0.94 > 0.214$ so that all instruments could be declared valid. The reliability value of the HOTS assessment instrument is 0.918 while the learning motivation instrument is 0.977. Thus, it can be said that the reliability of the instrument is very high which can be used as an example to measure and develop the HOTS assessment instrument and learning motivation for science content for fifth-grade elementary school.