

ABSTRAK

Azizah, Anis (2025), *Pengembangan Soal Matematika PISA-Like Berkonteks Kearifan Lokal untuk Siswa Kelas VII*.

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Kata-kata Kunci: PISA-Like, Kearifan Lokal

Penelitian ini bertujuan untuk menghasilkan soal matematika PISA-Like berkonteks kearifan lokal yang berkualitas berdasarkan validitas isi, reliabilitas, dan tingkat kesukaran sesuai level-level PISA. Jenis penelitian ini adalah penelitian desain dengan tiga tahapan yakni *preliminary research*, pengembangan, dan evaluasi semi sumatif. Subjek penelitian adalah siswa MTs Negeri 3 Mataram yang berumur di bawah 15 tahun dan berdomisili asli suku sasak. Instrumen penelitian meliputi lembar validasi dan tes matematika PISA-Like berkonteks kearifan lokal. Data yang diperoleh dianalisis secara kuantitatif. Hasil penelitian menunjukkan bahwa 8 soal matematika PISA-Like berkonteks kearifan lokal yang sudah dikembangkan valid, reliabel dan tingkat kesukarannya sesuai level-level PISA 2022 dengan karakteristik soal sebagai berikut (1) Disajikan dengan konteks kearifan lokal (*Begawe, Saling Tulung, Nyongkolan, Bejangok, Sayur Cengeh, Awig-Awig, dan Saling Jangok*), sesuai dengan materi kelas VII semester 1 Kurikulum Merdeka di MTs Negeri 3 Mataram (Bilangan Bulat, Bilangan Pecahan, dan Rasio), bertopik kesehatan dan lingkungan dalam lingkup personal dan lokal; (2) Sangat reliabel untuk mengukur aspek tertentu pada subjek setiap kali mengukur kelompok subjek yang sama; (3) Soal memuat konten *quantity, change and relationship, shape and space, uncertainty and data*. Kemudian, tingkat kesukarannya memuat enam level sesuai level dalam PISA 2022 dari level 1 sampai level 6.

ABSTRACT

Azizah, Anis (2025), *Development of PISA-Like Math Problems in the Context of Local Wisdom for Grade VII Students*.

Thesis, Master's degree in Mathematics Education, Graduate Program, Ganesha University of Education.

This thesis has been approved and reviewed by Supervisor I: Prof. Dr. I Gusti Putu Suharta, M.Si. and Supervisor II: Dr. I Wayan Puja Astawa, S.Pd., M.Stat.Sci.

Keywords: PISA-Like, Local Wisdom

This research aims to develop high-quality PISA-like mathematics problems contextualized with local wisdom, based on content validity, reliability, and difficulty level in accordance with PISA levels. The type of research used is design research with three phases: preliminary research, development and semi-summative evaluation. The research subjects were students of MTs Negeri 3 Mataram, under 15 years old and native to the sasak ethnic group. The research instruments consisted of a validation sheet and a PISA-Like mathematics test contextualized with local wisdom. The collected data were analyzed quantitatively. The results showed that the eight developed PISA-Like mathematics problems with local wisdom contexts were valid, reliable, and had difficulty levels in line with the 2022 PISA with the following characteristics of the questions (1) Presented in the context of local wisdom (Begawe, Saling Tulung, Nyongkolan, Bejangok, Sayur Cengeh, Awig-Awig, and Saling Jangok), in accordance with the material of class VII semester 1 of the Independent Curriculum at MTs Negeri 3 Mataram (Integers, Fractions, and Ratios), with the topic of health and the environment in the personal and local scope; (2) Very reliable for measuring certain aspects of the subject every time measuring the same group of subjects; (3) The questions contain content on quantity, change and relationship, shape and space, uncertainty and data. Then, the level of difficulty contains six levels according to the levels in PISA 2022 from level 1 to level 6.