

ABSTRAK

Penelitian ini bertujuan mengembangkan instrumen tes *higher order thinking skill* (HOTS) yang digunakan untuk mengukur kemampuan berpikir kritis siswa pada materi lingkaran. Penelitian ini dilaksanakan di SMP Negeri 7 Putussibau, menggunakan metode penelitian dan pengembangan (*Research and Development*) rancangan penelitian Borg and Gall 10 tahapan, tetapi pada penelitian ini hanya sampai pada tahap 8. Tahapan tersebut yaitu, potensi dan masalah, pengumpulan data, desain produk, validasi desain, revisi desain, uji coba produk, revisi produk, uji coba pemakaian.

Berdasarkan hasil penelitian yang telah dilakukan, diperoleh bahwa hasil lembar validasi instrumen tes HOTS dari ketiga ahli (validator) dinyatakan valid. Sedangkan keefektifan instrumen tes HOTS pada penelitian ini, dinyatakan efektif karena telah memenuhi kriteria keefektifan yang telah ditetapkan pada penelitian ini yaitu dengan analisis dari validitas butir soal, daya pembeda butir soal, indeks kesukaran butir soal dan reabilitas butir soal.

Kata Kunci : Pengembangan, Instrumen Tes HOTS, Kemampuan Berpikir Kritis.

ABSTRACT

This study aims to develop a higher order thinking skill (HOTS) test instrument that is used to measure students' critical thinking skills in circle material. This research was conducted at SMPN 7 Putussibau, using the research and development method (Research and Development) of the Borg and Gall research design 10 stage, but in this study it only reached stage 8. These stages were potential and problems, data collection, product design, validation design, design revision, product trial, product revision, trial usage.

Based on the results of the research that has been done, it was found that the results of the HOTS test instrument validation sheets from the three experts (validators) were declared valid. Meanwhile, the effectiveness of the HOTS test instrument in this study was declared effective because it met the effectiveness criteria that had been set in this study, namely by analyzing the validity of the items, the discriminating power of the items, the item difficulty index and the item reliability.

Keywords: Development, HOTS Test Instrument, Critical Thinking Ability.