

THE DEVELOPMENT OF FUNCTIONAL LITERACY COMPETENCY INSTRUMENT MEASUREMENT FOR JUNIOR HIGH SCHOOL STUDENTS (SECOND YEAR RESEARCH)

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ABSTRACT

This is a research and development of the second year period (continuing from the first in 2018) which aim to empirically validate the product to measure functional literacy competency especially for junior high school students. In the first year, a draft measuring instrument of functional literacy competency has been validated by teacher, experts, and practitioners. Product trials are required as an advanced product development to empirically achieve validity. In the second year, the draft instrument that was produced in the first year was discussed in the form of FGD with the teacher whose students will be involved as a test sample that includes five (5) junior High School in DIY, namely SMPN 2 Wonosari, SMPN 3 Jetis, SMPN 1 Sleman, SMPN 5 Yogyakarta, SMPN 1 Pengasih. FGD generates an agreement about type of functional literacy, a number of 15 types namely: literary, digital, documents, numerical, environmental, health, tourism, transportation, road safety, language civility, disaster mitigation, financial, cultural, visual, social literacy. The number of items are 60. Product trials at 5 SMP in DIY involve a total of 246 students in grades VII and VIII. The results of the analysis of tests with the QUEST program resulted in a probability value of 0.50 level with reliability index based on item 0.98. The Mean INFIT MNSQ shows the result 1.00 with SD. 04, meaning the item corresponds to the Rasch model. Items are eligible for an appropriate threshold range (± 2) of 51 grains or 85%. The item outside the range of ± 2 is 9 means that the eliminated item is 15%. The ability of students' functional literacy in general largely does not meet the minimum requirement of 75. Students with a score of ≥ 75 are as many as 94 students (38.2%). Meanwhile students who have not fulfilled the standard as much as 61.8%.

Kata Kunci: *instrument, literacy, functional literacy*