

ABSTRACT

Nia Julita Ulandari (2023), *The Development of a Mathematics Module Based on a Contextual Approach for the Fourth-Grade Students at SDN 2 Kesik*, Thesis, Elementary School Teacher Education Study Program (PGSD) Faculty of Education (FIP) Hamzanwadi University.

This research aims at developing a mathematics module based on a contextual approach for the fourth-grade students using the Borg and Gall research design which consisted of 10 steps which were then simplified into 7 steps: (1) conducting a needs analysis, (2) planning, (3) initial product development, (4) limited testing, (5) revision of product test results, (6) main product testing, (7) final product revision. This research was conducted on the fourth-grade students with a total of 19 students. This research and development instrument uses validation sheets and student response questionnaires. The result of the material expert validation test with a total score of 99 is in the range $X > 92.28$ in the "very good" category. The results of the display expert validation trial with a total score of 91 is in the range of scores $74.76 < X \leq 92.28$ in the "good" category. The result of the student response questionnaire on the validity and practicality of using the developed module is an average score of 59.63 and is in the range $51 < X \leq 63$ with the "good" category. Thus, it can be assumed that the mathematics module based on the contextual approach is valid and practical to use as teaching material in the learning process at school.

Keywords: *Mathematics Module Development, Contextual Approach.*

