

# **Analysis of Phase D Mathematics Learning Objectives and Numeracy Strengthening Learning Strategies by Mathematics Teachers in Yogyakarta**

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## **ABSTRACT**

The main objective of this research is to describe the design of Phase D mathematics learning flow and numeracy learning strategies by mathematics teachers in Yogyakarta. The research used is a quantitative descriptive research method. The qualitative descriptive method was chosen to see the range, depth and interrelationship of the flow of learning objectives through the teacher-developed scheme for achieving mathematics learning objectives in Phase D. The collection technique consists of studying semester program documents and learning tools developed by mathematics teachers in junior high schools. The results of the research show that the flow of mathematics learning objectives is prepared differently for each school. From the samples taken, there are ways to prepare the flow of learning objectives for Phase D class VII, namely: 1) Using the 2013 curriculum as the basis for preparing the flow of learning objectives (81%). 2) Based on book studies (14%). 3) Results of discussions with study teachers at school (5%). The preparation of the flow of mathematics learning objectives is adjusted to the effective time available, namely the effective school week minus the time used for the project to strengthen the profile of Pancasila students. The time allocation used for the project to strengthen the profile of Pancasila students is very different for each school. There were no special designs designed by teachers in an effort to develop numeracy skills, generally in the form of an introduction to numeracy questions given at the end of the meeting.

Kata Kunci: *Learning Objectives, NUmeracy*