

Wanwimol Amornprasitti 2007: Teaching Behaviors of Mathematics Teachers in Primary Schools under Lopburi Educational Service Area Office 2. Master of Education (Educational Research and Evaluation), Major Field: Educational Research and Evaluation, Department of Education. Thesis Advisor: Associate Professor Pomtip Chaiso, Ph.D. 158 pages.

The objective of this research was to study teaching behavior of mathematics teachers in primary schools under Lopburi Educational Service Area Office 2 according to the standard of mathematics teacher. The six standards of mathematics teacher were providing the opportunities for students to develop their knowledge according to their abilities, management of learning to suit students differences, using appropriate teaching methods to develop the student's knowledge, inspiring students, developing their communicative skill to enhance student's self-directed learning, and evaluating to develop students' learning. The instruments employed to collect the data were a questionnaire, an observation form, a mathematics teacher interview form and a student interview form. The subjects of this study were 200 mathematics teachers who answered questionnaire and 12 mathematics teachers who were observed and interviewed. Also, 12 groups of 4-5 students in the observed classes were interviewed. Frequency, percentage and content analysis were employed to analyze the data.

The research results revealed that the majority of mathematics teachers behaved according to the 3 standards of mathematics teachers, that were the standards of mathematics teacher number 4: the learning management to suit students' differences, the standards of mathematics teacher number 5: using appropriate teaching methods to develop students' knowledge, and the standards of mathematics teacher number 9: evaluating to develop students' learning. The majority of mathematics teachers did not behave according to the standards of mathematics teacher in the following standards of mathematics teachers: The standards of mathematics teacher number 3, indicator number 3 that was the supervision and support to enhance students to their full potential cognition, social and personality; the standards of mathematics teacher number 6, indicator number 4 that was the application of democratic system to the class activities, in relation to students' attitudes and interests; and the standards of mathematics teacher number 7, indicator number 4 that was the use of learning media and information technology to encourage students' learning process.

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Student's signature

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Thesis Advisor's signature

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