

Thesis Title Improving Mathematics Instruction on Fractions for
Prathom Suksa 6, Ban Pakapamuang School, Phrae
Province

Author Miss Kannika Wittaya

Degree Master of Education (Mathematics Education)

Thesis Advisory Committee

Lect. Dr. Duanghathai Katwibun Chairperson

Assoc. Prof. Sunthon Chanakok Member

ABSTRACT

The purpose of this classroom action research was to find a direction of instruction improvement about Fractions in order to help students gain conceptual understanding and computational skills. The subjects of this research were 24 students from Prathom Suksa 6 at Pakapamaung School, Phrae Province. This research was conducted during the second semester of the academic year 2006. In this study, the researcher rearranged the sequence of teaching by making it more consequencely, focused on more concrete than abstract approach, used inductive approach, sub-skills training, and preparing teaching materials that allowed students to summary important concepts by themselves. The researcher collected data from observation, checking student's work, teacher's post-teaching notes, reading the students journals, and interviewing. The data were then classified, analyzed, and presented in form of narrative text.

The results suggested that various means and techniques of instruction, as mentioned above, could not only help students to get conceptual understanding about Fractions correctly, but also help student to gain computational skills at satisfied level.

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