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SUPERVISION AND CURRICULUM DEVELOPMENT

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: MAJOR

KEY WORD:

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KALAYA SUTTISIRI : A STUDY OF TRENDS OF MATHEMATICS CURRICULUM AT THE ELEMENTARY SCHOOL LEVEL IN THE NEXT DECADE (B.E. 2549).

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The main purpose of this research was to study the trends of Mathematics curriculum at the elementary school level in the next decade (B.E. 2549) in the aspects of importance, objectives, structures and contents, instruction measurement and evaluation Delphi technique was used for this research. The instrument utilized for data collection were semi - structure interview form and questionnaire. Data were analyzed by using content analysis, median and inter - quartile range

Research finding were as follows : in the next decade, Mathematics curriculum at the elementary school level will be important for daily life and will assist learners think reasonably and systematically. The curriculum objectives will be stated to provide learners to be able to gain knowledge and understanding in Mathematics, to have skills in calculation and to be able to apply the learning experiences to use in daily life. The curriculum will be yearly - structure system. The annual learning period and the fundamental content structures will be the same as mentioned in the Elementary School Curriculum B.E. 2521 (Revised Edition B.E. 2533). However, the fundamental content structure on the utilization of calculation devices will be added for students in Prathom Suksa 3 - 6. Regarding the criteria in selecting Mathematics contents, the contents which correspond with the way of learners' life, curriculum objectives, learners' age and class level will be considered as the criteria. New technology and electronic appliances e.g. video - tape and computer will be used in teaching - learning process. The teachers will emphasize on student - centered model and will use several method. Local resources will be applied to used as teaching - learning materials. The objectives of measurement and evaluation on Mathematics curriculum are mainly to measure the development of the learners. Several techniques in measuring the learner achievement will be utilized and emphasize on their real practices by using Portfolio. The criteria of evaluation will be two systems ; group reference and criterion reference. The criteria used in evaluation will be flexible.

ภาควิชา บริหารการศึกษา

ลายมือชื่อนิสิต..... ใจดี สิริชอเต

สาขาวิชา นิเทศการศึกษาและพัฒนาหลักสูตร

ลายมือชื่ออาจารย์ที่ปรึกษา..... จิตพร ใจดี

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