

**LEARNING RESOURCE MATERIALS
IN GRADE IV MATHEMATICS**

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ABSTRACT

Title: Learning Resource Materials in Grade IV Mathematics

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This study determined the level of performance of Grade IV pupils along comprehension, computation and problem solving skills in the different learning content areas in Mathematics in Tinambac North District, Division of Camarines Sur during the school year 2008 - 2009. It specifically sought to answer the following questions: 1) What is the performance of Grade IV pupils in Mathematics along comprehension, computation and problem solving skills? 2) In what mathematical areas are the Grade IV pupils weak? 3) What is the performance of Grade IV pupils in Mathematics in both Mathematical skills and the different Mathematical areas? 4) What learning resource materials may be developed to improve the comprehension, computation and problem - solving skills of Grade - IV pupils along whole numbers?

The descriptive and developmental methods of research were used. A validated teacher-made test was used as a primary tool in gathering the data. The mean, standard deviation and proficiency level were employed as the statistical treatments to give meaning to the data gathered.

Findings revealed that pupils performance along comprehension, computation and problem – solving skills in all learning content areas in Mathematics was very low in their proficiency level during the diagnostic test given at the start of the school year. A mean of 13.73 with 27.46 percent proficiency level along comprehension, 8.05 with 16.1 percent proficiency level along computation while 7.4 with proficiency level of 14.8 percent in problem solving was computed. Mostly likely, pupils performance along the different learning content areas were very poor as evident from the computed mean obtained. It showed that the computed mean for whole numbers was 8.12; 4.98 for decimal; 4.8 for fraction; 5.6 for geometry while 4.8 for fraction.

Based on this findings, it was concluded that pupils performance for both Mathematical skills and Mathematical areas were very poor and found to have proficiency level very much lower than 75 percent set by the Department of Education.

Major recommendations of the study were the following: Teachers should look into the way they conduct their daily lessons in Mathematics, proper motivation, constant practice, drill exercises and giving homeworks should be done to improve the performance of the pupils; A logical and orderly sequencing of the requisite skills before proceeding to the next skill and giving formative tests in every lesson should be followed in order to ensure mastery of every skills in Mathematics and decide whether or not to proceed to the next lesson; Teachers should conduct remedial instruction for the unmastered skills to help pupils who have had difficulty in Mathematics particularly in computation and problem solving skills.

To strengthen the performance in Mathematics of Grade IV pupils, a Learning Resource Materials in Mathematics was prepared with varied skills enhancers that cover the lessons in all learning content areas.