

## INVESTIGATION OF THE ACTIVITIES PREPARED BY PROSPECTIVE PRIMARY SCHOOL TEACHERS ABOUT TEACHING MULTIPLICATION OF NATURAL NUMBERS IN THE CONTEXT OF USING SYMBOL-PROBLEM-MODEL TOOLS

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### Abstract

The purpose of this study is to investigate the activities prepared by prospective primary school teachers about teaching multiplication of natural numbers in the context of using symbol-problem-model tools. Study group were consist of the 64 third grade students in education faculty primary school education graduate program in a government university in central Anatolia in Turkey. They were asked to prepare an activity about teaching multiplication of natural numbers in the context of using symbol-problem-model tools in the study. Descriptive analysis was used for investigating the activities in terms of sort compliance, compliance tools and compliance with the multiplication operation. As a result of the study, the activities prepared by prospective primary school teachers' were generally requiring multiplication but some of them were ranking inappropriate and some of them were not represent the tools compliance tools. According to the results of the study, some suggestions were given about preparing activities about teaching multiplication of natural numbers in the context of using symbol-problem-model tools.

**Key Words:** Mathematics education, Multiplication of Natural Numbers, Symbol-Problem-Model tools.