

# **A Study of Preschoolers' Number Sense**

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## **Abstract**

The primary purpose of this study is to examine the preschoolers' number sense. Both quantitative and qualitative approaches were used in this study. A total of 412 preschoolers from 11 preschools in Yangon region participated in this study. Preschoolers' Number Sense Test (PNST) was used as the research instrument. It consists of 41 items and eight sub-scales. Alpha reliability for PNST revealed at 0.856.

In this study, ANOVA results by department/organization indicated that significant differences were found to be on five sub-scales of preschoolers' number sense test. Concerning preschool teachers' experience, the mean score of preschoolers whose teachers had less than 5 years teaching experience were found to be significantly lower than that of preschoolers whose teachers had 5 years and above teaching experience on the rote counting and counting backward sub-scales. However, there existed no gender related difference concerning all sub-scales of PNST. Moreover, it was found that older preschoolers outperformed younger preschoolers on the entire PNST.

**Key words:** Number Sense, preschooler.

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