

Abstract

In this study, the correlation of bilingual proficiency and mathematical performance in primary school children were investigated. The sample consisted of 460 Cantonese–English speaking children in Hong Kong of age ranged from 6 to 11 (male = 48.26%, mean age = 7.97 years, SD = 1.23 years), who learn Chinese and English in primary school. All children were administered a battery of tasks consist of verbal working memory, arithmetic calculation in Mathematics, as well as vocabulary test and word reading in both Chinese and English. Results revealed that age has the greatest influence on mathematical performance among all the variables. Chinese and English wording reading ability are significant predictors of mathematical performance. Besides, working memory also significantly influences mathematical performance.