

Socioeconomic status relationship with children's Math performance

Abstract

In Hong Kong nowadays, most parents worry that child "lose at the starting line". However, is there any conditional difference in children which even earlier before they born and raise children difference just little help to improve children's performance in academic? Higher parents' education level predicts child's Working Memory, Rapid Naming and Math performance which is important condition on children's academic achievement, and the growth on those capabilities is faster with better socioeconomic status (SES).

This study analyzed a sample of 927 children from different families from age 5 to 12 years old in Honk Kong primary school to examine the correlation between parent's education, socioeconomic status, and children's performance in working memory, IQ, rapid naming, and math. The analyses yielded 2 key findings,

- (a) SES predicts children's math performance while working memory, IQ and rapid naming takes mediators' effect
- (b) Socioeconomic status predicts children's cognitive performance which support better children's development in math