

CAUSAL CONNECTIONS BETWEEN MATHEMATICAL LANGUAGE AND MATHEMATICAL KNOWLEDGE

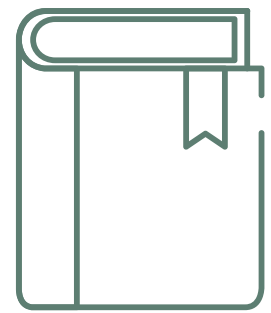


FUTURE SUCCESS

The development of early mathematical language (which begins before entering school) is essential to the development of later mathematics skills.

DIALOGIC READING

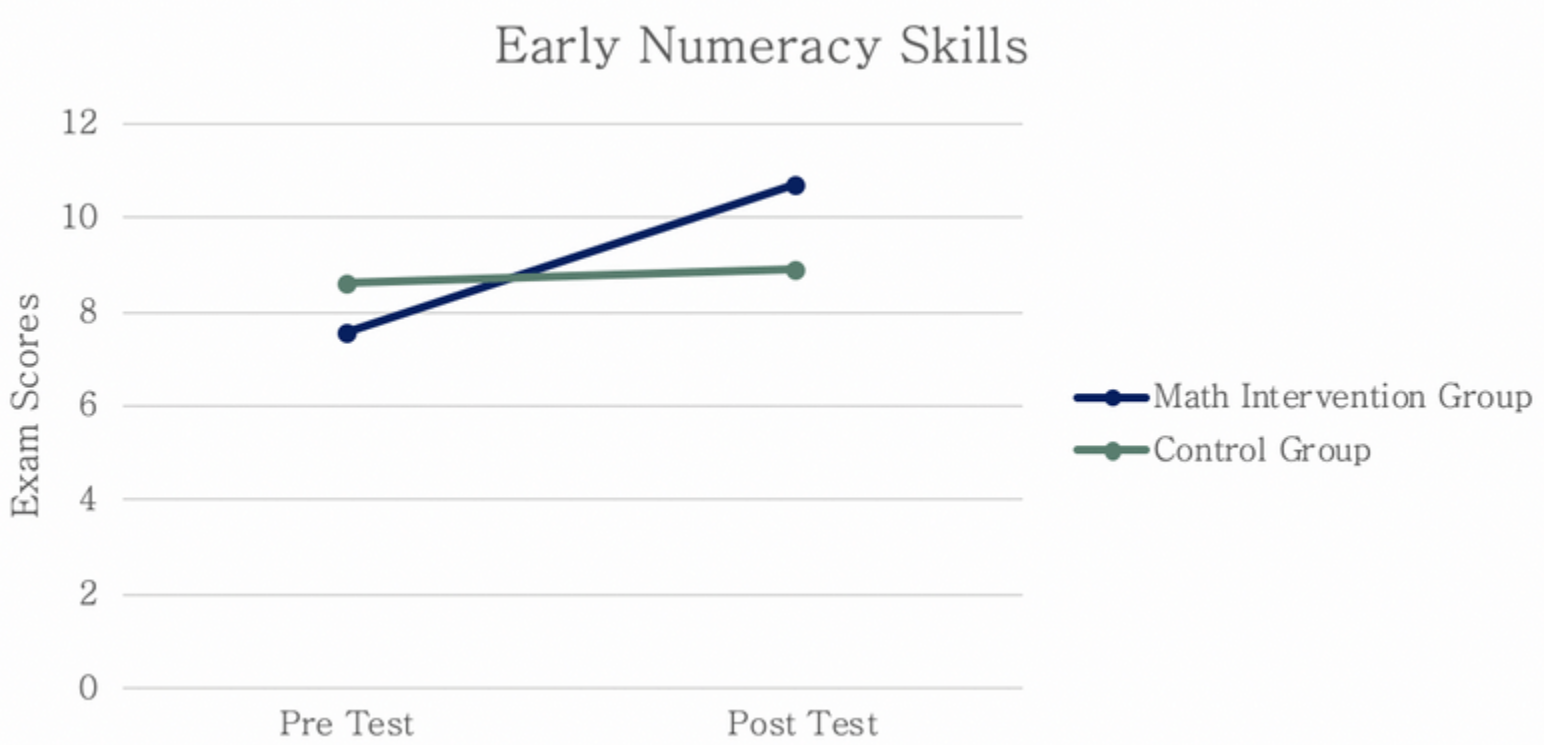
This method allows the child to be the storyteller while the adult uses questions/prompts



MATHEMATICAL LANGUAGE

The two aspects of mathematical language that are important for early learning is quantitative thinking (involves comparison between groups and numbers) and spatial learning (involves spatial skills such as the relation between numbers on a number line).

FINDINGS & RESULTS



Preschoolers in the intervention group significantly outperformed those in the control group on a test of mathematical language and a test of mathematical knowledge.

