The Efficacy of a Pretend Play Intervention on the Self-Regulation, Language, and Pre-literacy skills of 4- to 5-year-olds with English as a second language: An overview

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Background

Gap in the literature that examines the relationship between pretend play, and children's self-regulation, language, and pre-literacy skills

Study aims to examine the efficacy of a pretend play intervention on the development of children’s self-regulation, language, and pre-literacy skills using art activities as the treated control group

Methods

Participants

N = 53, 4- and 5-year-olds (29 males and 24 females, 32 children have ESL, 27 children in the pretend play group and 26 children in the art group)

Procedures

Intervention included sixteen 30-minute sessions that had three components: (i) shared storybook reading; (ii) role-playing or art activities; and (iii) review

There were several measures used that included:

• HTKS task for self-regulation
• Phonological Awareness subtest of the CELF-Preschool-2 for phonological awareness
• Expressive vocabulary subtest of the CELF-Preschool-2 for expressive vocabulary

Analysis

Stage 1: Statistical analysis of the children’s pre- and post-test scores in the pretend play and art activities groups

Stage 2: Statistical analysis of the change in children’s performance when considering gender, ESL status, and the group that the children were randomized to

Results

Stage 1

Self-regulation

• Pretend Play group: Statistically significant difference in the pre- and post-test scores, \( \chi^2(1) = 6.55, p < 0.05 \)
• Art Activities group: Statistically significant difference in the pre- and post-test scores, \( \chi^2(1) = 7.35, p < 0.05 \)

Phonological awareness

• Pretend Play group: Statistically significant difference in the pre- and post-test scores, \( \chi^2(1) = 16.67, p < 0.05 \)
• Art Activities group: Statistically significant difference in the pre- and post-test scores, \( \chi^2(1) = 7.35, p < 0.05 \)

Expressive vocabulary

• Pretend Play group: No significant main effect on the pre- and post-test scores (\( F(1, 24) = 2.14, p = 0.16, \eta_p^2 = .082 \))
• Art Activities group: Significant main effect on the pre- and post-test scores (\( F(1, 24) = 15.82, p < 0.05, \eta_p^2 = .397 \))

Stage 2: Gender

Self-regulation

Stage 2: ESL Status

Self-regulation

Stage 2: Group

Self-regulation

Conclusions

The findings showed differences in children’s self-regulation, phonological awareness, and expressive language skills following the administration of the intervention

For self-regulation, there was a significant change in children's performance based on gender and ESL status. There was no significant difference based on group

For phonological awareness, there was a significant change in children's performance based on ESL status. There was no significant difference based on gender or group

For expressive vocabulary, there was a significant change in children's performance based on ESL status. There was no significant difference based on gender or group

References


Acknowledgements

The project was supported, and the poster presentation was funded by Newham College, Cambridge.