

Article 1: Music training causes long-term enhancement of preschool children's spatial-temporal reasoning.

A summary of this article starts with the hypothesis being posed, that music training enhances young children's spatial-temporal reasoning. The study consisted of 78 children (42 boys, 36 girls), from ages 3 years to 4 years 9 months. The children were from 3 different preschools, they participated in a longitudinal study over a two year

you could be a little more specific... what music training?

Good

period with random assignment. During this time the children were placed into groups: keyboards, private piano, group singing lessons. The remaining children were assigned to one of the following: singing, computer, or no lessons. Periodically they tested the spatial-temporal and Spatial-recognition tasks of the children. The only group that showed significant improvement in spatial-temporal tasks were the children who were involved in keyboard lessons. It showed this by a 3.62 point jump in the standard age score, this is a significant jump in spatial-temporal tasks.

I think this was one group, but I could be wrong.

keyboards, private piano, group singing lessons — one group

I have concluded from this study that private keyboard lessons does have a significant impact on the spatial temporal abilities, which leads me to ask the question if private lessons have some significant impact not just music in general. Some of the flaws are that the preschools are not of the same age group which could cause a problem when comparing spatial abilities. Also, having all the preschoolers from the same school would help rule out any other confounding variables that may cause a problem with the results.

Good Question

good thought, the kids were nearly 2yrs apart

long sentence

This study seems to match up with the other studies I have researched in the fact that it does so a slight increase in spatial temporal ability when introduced to music at a young age.

*good job on adding your own thoughts about the study & ?'s you have