

LearningRx Cognitive Training Effects in Children Ages 8-14: A Randomized Controlled Trial

Dick M. Carpenter, PhD

Christina Ledbetter, PhD

Amy Lawson Moore, PhD

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Overview of Study

- Examined the effects of ThinkRx for 39 students ages 8-14.
- Experimental group ($n = 20$) versus Control group ($n = 19$)
- Experimental group completed 60 hours of training at the Colorado Springs center or at the home office during the summer. (Summer Group)
- Control group completed pre and post testing, but waited to start their training in the fall. (Fall Group)

Assessments

- Woodcock-Johnson III Tests 1-7 and 10
- NIH Toolbox Cognition Battery: Flanker Test
- Gibson Test (for validation article only)

Findings

- Experimental group gains were higher in every skill tested
- Significant differences between the groups in:

IQ

associative memory

working memory

fluid reasoning

processing speed

auditory processing

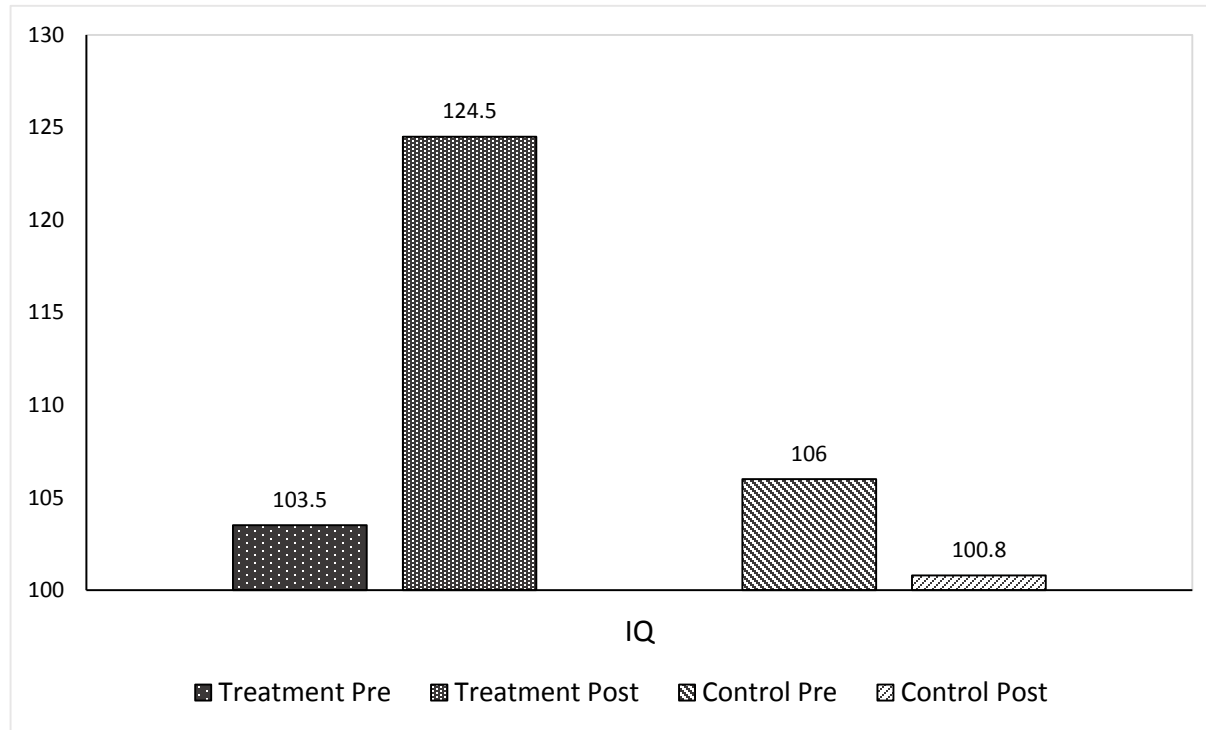
visual processing

long-term memory

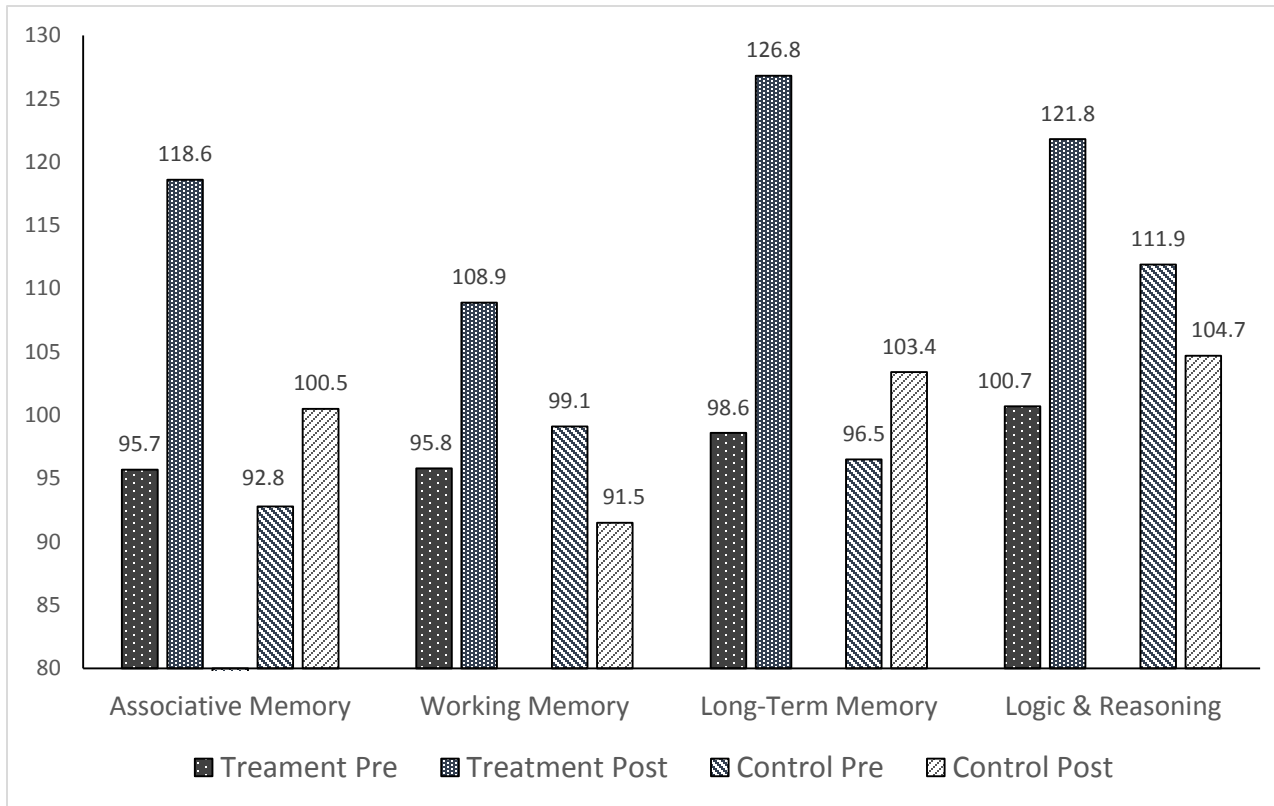
Results

	Control	Treatment
	Pre-Post Difference	Pre-Post Difference
IQ	-5.11	21.00
Associative Memory	7.68	22.95
Visual Processing	4.26	10.85
Auditory Processing	-3.74	13.30
Logic and Reasoning	-7.21	21.10
Processing Speed	6.53	12.95
Working Memory	-7.68	13.05
Long Term Memory	6.95	28.20
Attention	3.17	5.06

Results for IQ



Results



Results

