

# NCRTI-REVIEWED STUDIES SHOW SIGNIFICANT IMPACT



The National Center on Response to Intervention (NCRTI) reviewed two Read Naturally studies that demonstrate Read Naturally's statistically significant and academically meaningful impact on reading fluency, accuracy, and comprehension. One study

is by Theodore Christ, Ph.D., of the University of Minnesota. The other is by David Heistad, Ph.D., of the Minneapolis Public Schools. A full summary of the reviews and studies is available on the Read Naturally website: [www.readnaturally.com/ncrti](http://www.readnaturally.com/ncrti)

## University of Minnesota Study, Minneapolis, Minn.

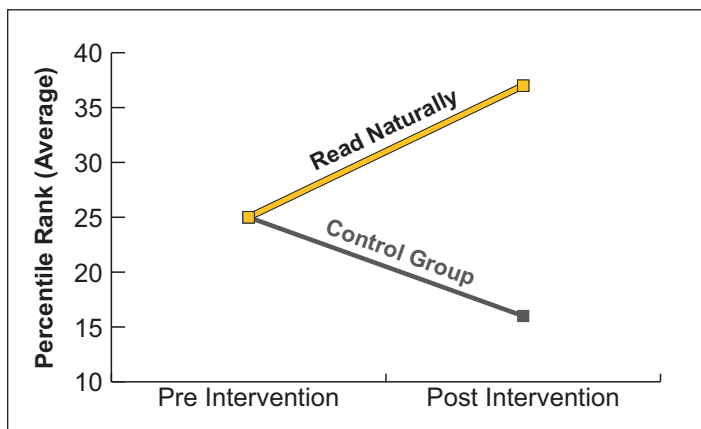
A study by researchers at the University of Minnesota found that students using Read Naturally Software Edition had greater gains in fluency and accuracy than students in a control group. The study was led by Theodore Christ, an associate professor in the University's Department of Educational Psychology.

The study was a randomized control trial that was conducted in late 2008 and early 2009 across six schools with 109 low-performing students in third grade. Those students assigned to the Read Naturally group received intervention instruction for 30 minutes per day, five days a week, for 10 weeks. Students in the control group received normal classroom reading instruction with no supplemental fluency instruction.

**The NCRTI review says the adjusted posttests of the Read Naturally students showed statistically significant, moderate to large effect sizes in fluency and accuracy.**

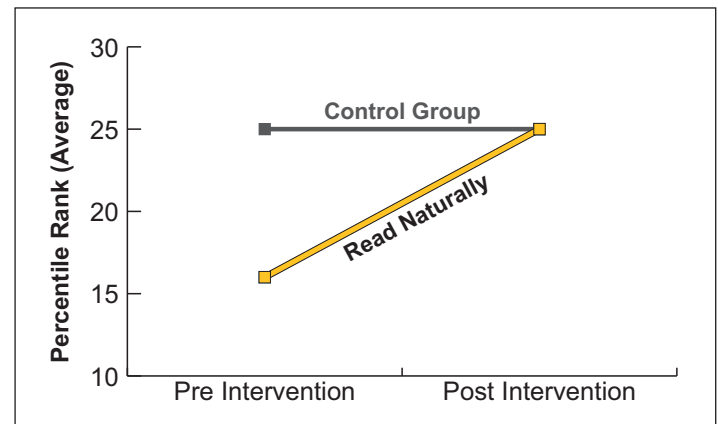
### GORT 4 Accuracy Results

Both the Read Naturally group and the control group started at about the 25th percentile in accuracy. While the control group declined to about the 16th percentile, the Read Naturally group improved to the 37th percentile.



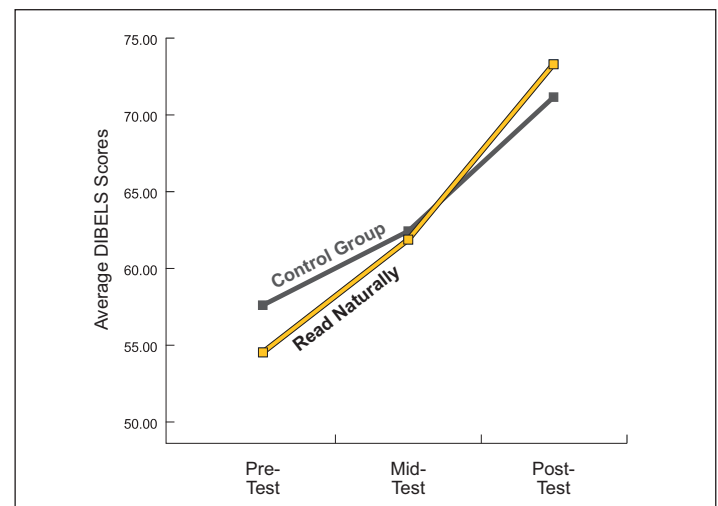
### GORT 4 Fluency Results

The Read Naturally group started at the 16th percentile and improved to the 25th percentile on national fluency norms. By comparison, the control group started at the 25th percentile and did not improve.



### DIBELS Results

At pre-test, the average DIBELS score for the Read Naturally group was below that of the control group, but after 10 weeks of intervention, the Read Naturally group outperformed the control group with average gains of 1.53 wcpm per week compared to average gains of 1.10 wcpm per week for the control group.



## Four-School Study, Minneapolis Public Schools

A study by David Heistad, Executive Director of Research, Evaluation, and Assessment at the Minneapolis Public Schools, demonstrates Read Naturally's long-term impact on comprehension. The NCRTI review shows the Heistad study's moderate effect size of .39 on the Minnesota Comprehensive Assessments (MCA) and .24 on the Northwest Achievement Levels Test (NALT).

**These results are a substantial and academically meaningful measure of Read Naturally's ability to make a statistically significant impact on students' comprehension.**

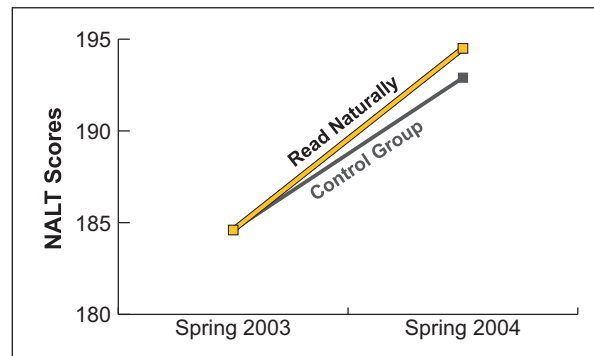
The study was based on data collected in Spring 2003 through Spring 2004. Throughout the 2003–2004 school year, one group of students used Read Naturally's Masters Edition and Software Edition, while one group did not.

A total of 156 students from four Minneapolis schools were included in the study. Each Read Naturally student was matched with a student who was not in a Read Naturally program but had comparable baseline test scores and demographics. The demographic criteria were grade, English language learner status, special education status, free or reduced price lunch status, racial/ethnic category, home language, and gender.

Students who received Read Naturally instruction had improved performance on state-wide tests at statistically significant levels, and a larger proportion of those students met proficiency standards for No Child Left Behind (NCLB) compared to the matched students in the control group. Forty-three percent of the Read Naturally students scored at Level 3 or above on the state test (met NCLB standards) compared to 27% of the students in the control group.

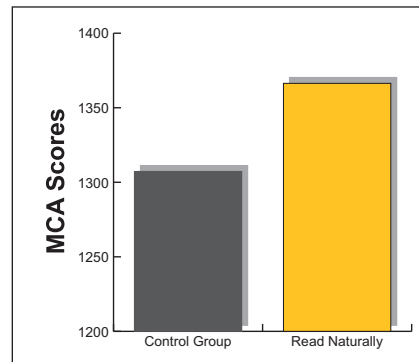
### Northwest Achievement Levels Test

The Read Naturally students gained an average of **10.8** points vs. an average gain of **8.3** by the control group.



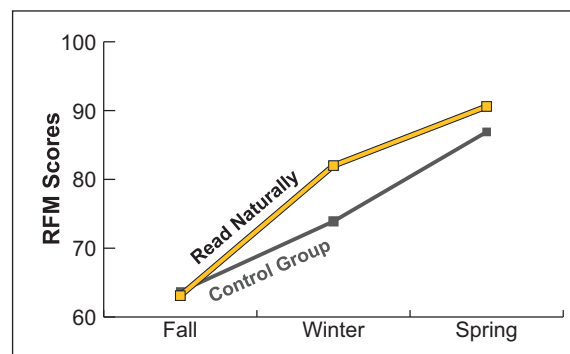
### Minnesota Comprehensive Assessments

The Read Naturally students had an average score of **1366.4** compared to **1307.3** for the control group.



### Reading Fluency Monitor

The Read Naturally students gained an average of **27.5** vs. an average gain of **23.2** by the control group.



## 800.788.4085

Check out the Read Naturally website for lots of great information, including product descriptions, training options, and much more.

**For more case studies and the research behind Read Naturally, visit our website:**

[www.readnaturally.com/approach](http://www.readnaturally.com/approach)



Better Tools.  
Better Readers.  
Brighter Futures.

[www.readnaturally.com](http://www.readnaturally.com)