

7th Annual Just Read! Florida K-12 Leadership Conference:

Evaluating Tune in to Reading with Struggling Readers

June 2008

Presented by:

Susan Homan, Ph.D.

Cindy Calderone, Ph.D.

Anne Chatfield, Ph.D.

Jill Mink, Ph.D.

With support from:

Pat Reedy, Principal

What Is Tune In to Reading (TIR)?

- TIR is a research-based intervention program designed to help schools and districts meet the needs of struggling readers.
- In Florida, TIR also aims to increase FCAT performance and help schools achieve adequate yearly progress.

Four Years of Research on TIR

- Struggling readers
 - Middle school
 - Elementary school
 - High school

Research Support for TIR

- Fluency: Accuracy, Automaticity, and Prosody
 - Samuels, 1979
 - Kuhn and Stahl, 2003
 - Rasinski, 2004
- Alternative Text
 - Ash & Hagoood, 2000
 - Leu, 2000
 - Kamil, 2002
 - Alvermann, 2003
- Motivation and Engagement
 - Guthrie and Wigfield, 2000

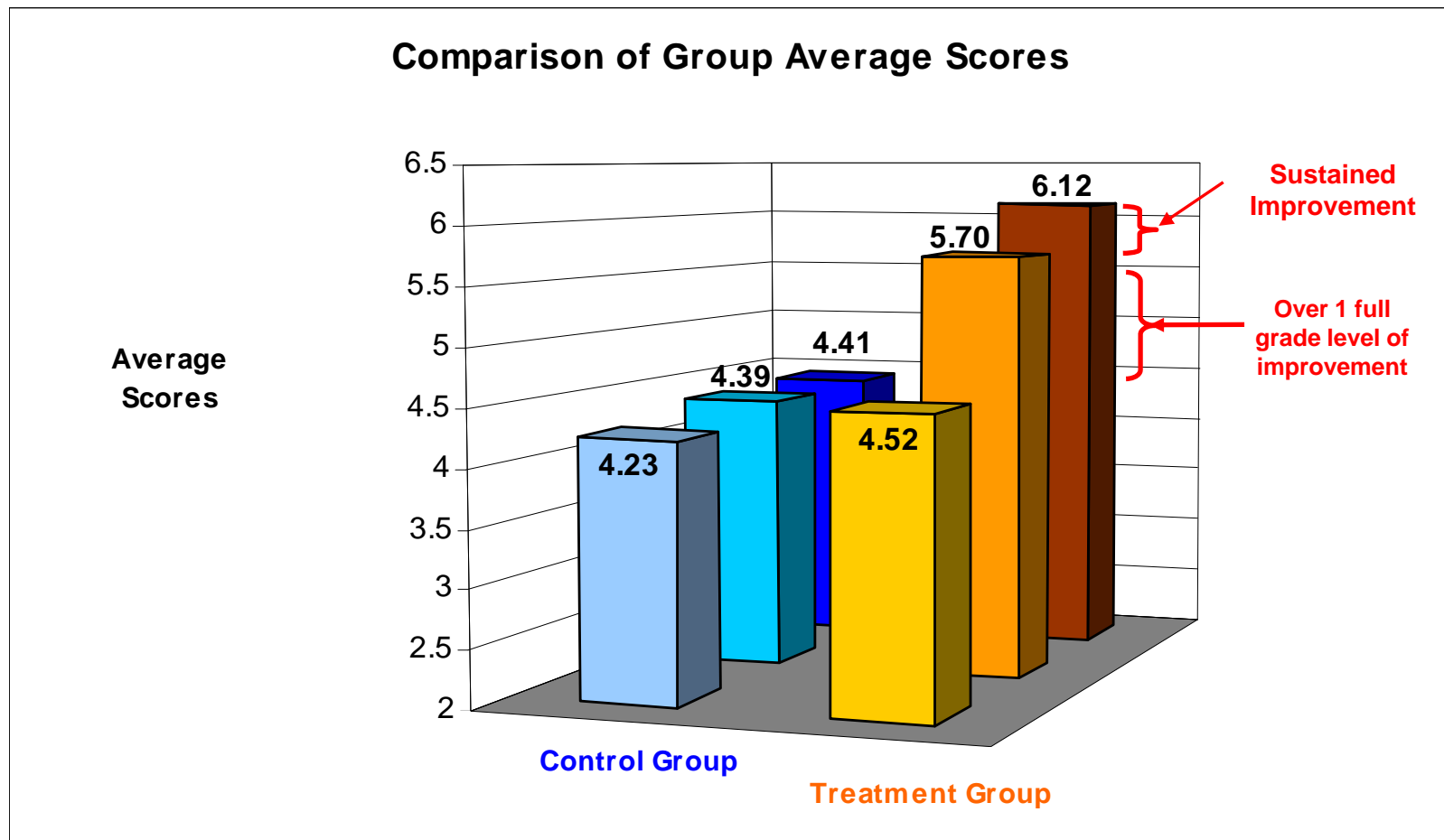
Research Overview 2004 - 2007

Yr. 1 (Fall)	Pilot Study	1 middle school
Yr. 1 (Spring)	Sustainability	1 middle school
Yr. 2 (Fall)	Replication	2 middle schools
Yr. 2 (Fall)	Expansion	2 elementary schools 2 high schools

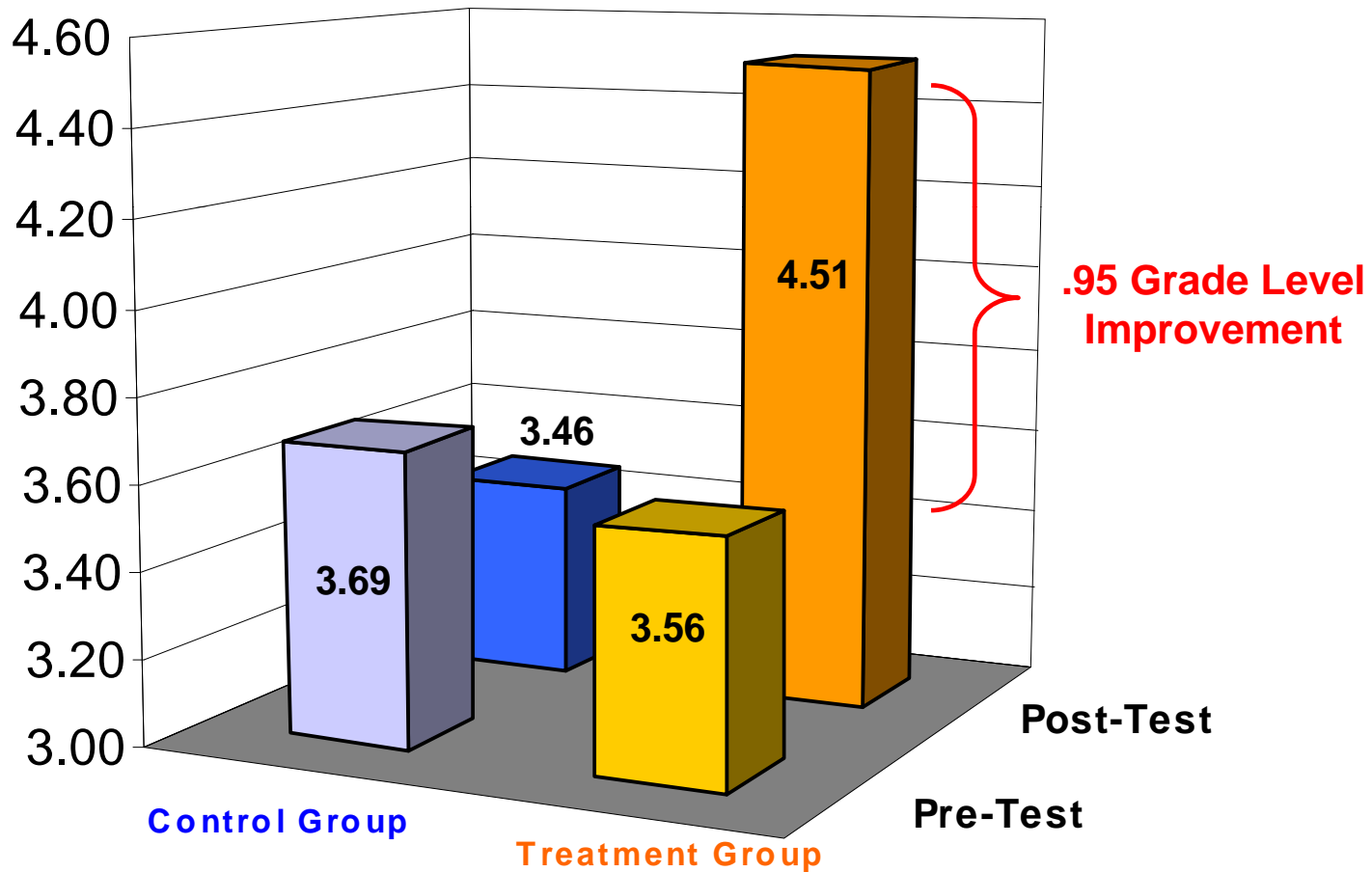
Research Overview 2004 - 2008

Yr. 3 (Fall)	ELL Study	9 elementary schools
Yr. 3 (Fall)	Hillsborough Education Foundation	10 elementary schools
Yr. 4 (Fall)	MIT/Harvard/USF collaboration	8 – 14 year old dyslexic students
Yr. 4 (Fall)	JRF Study	8 DJJ school sites 1 alternative school site 1 high school

Middle School

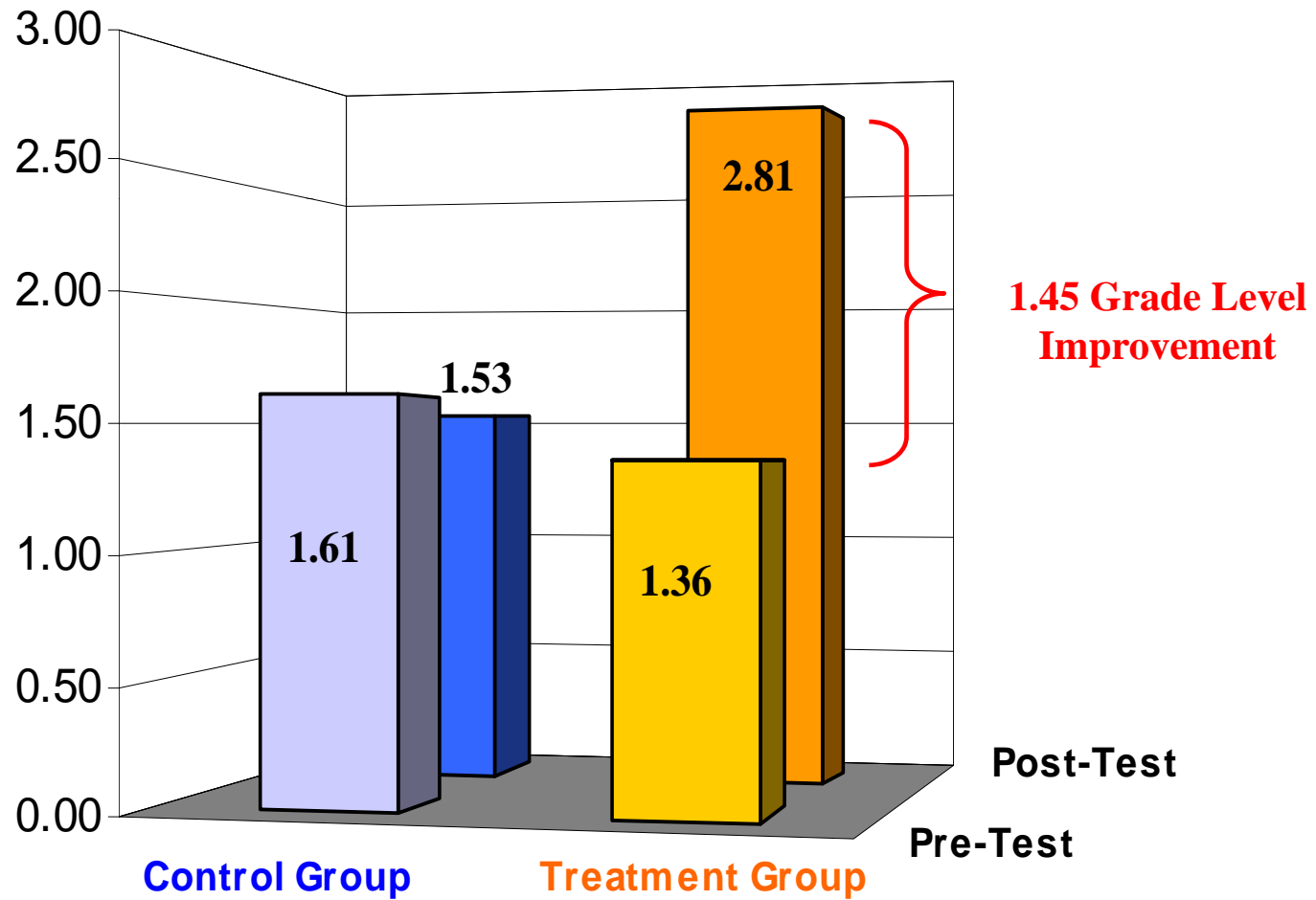


Middle School Results (two middle schools)



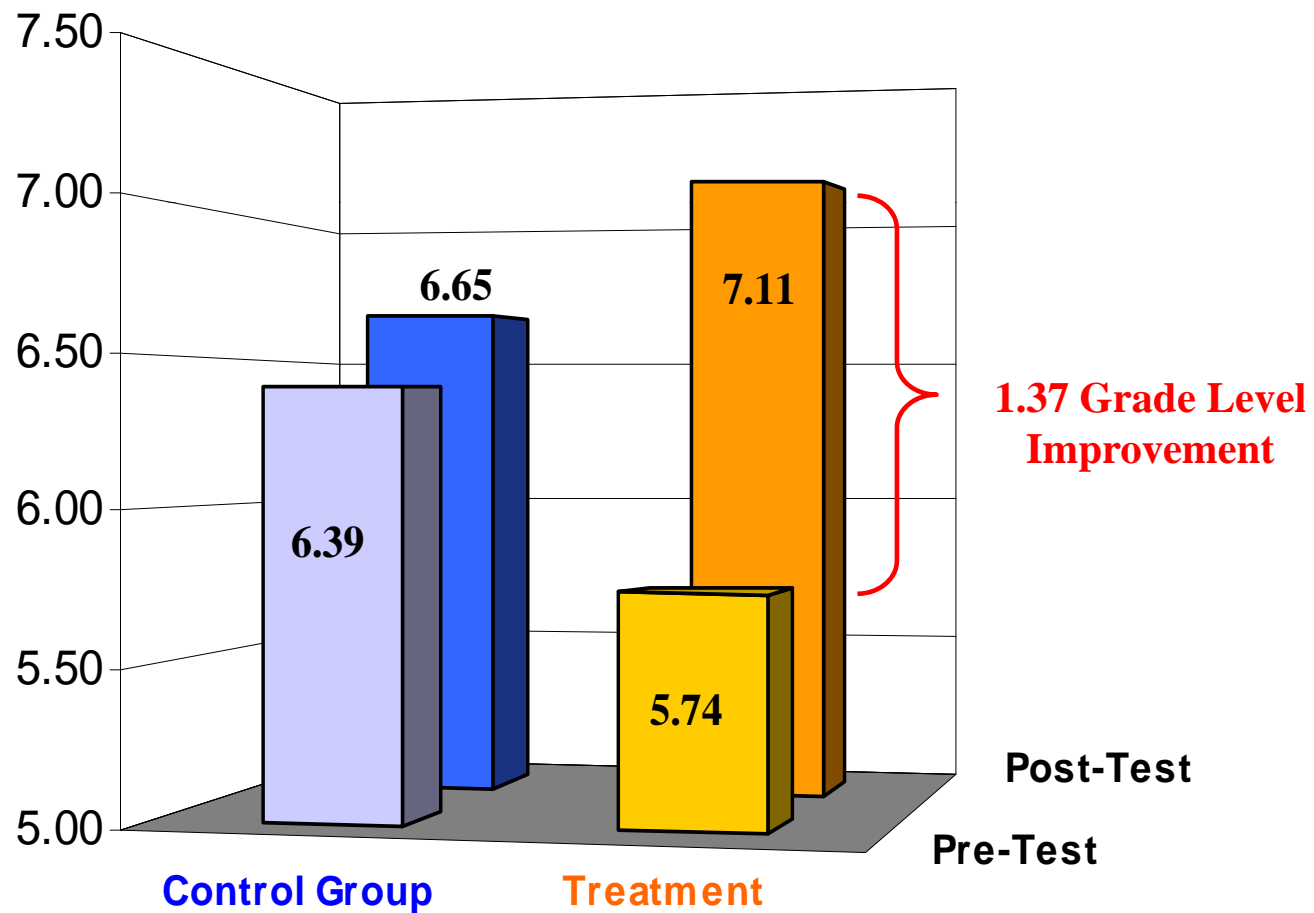
Elementary School Results

(two elementary schools)



High School Results

(two high schools)

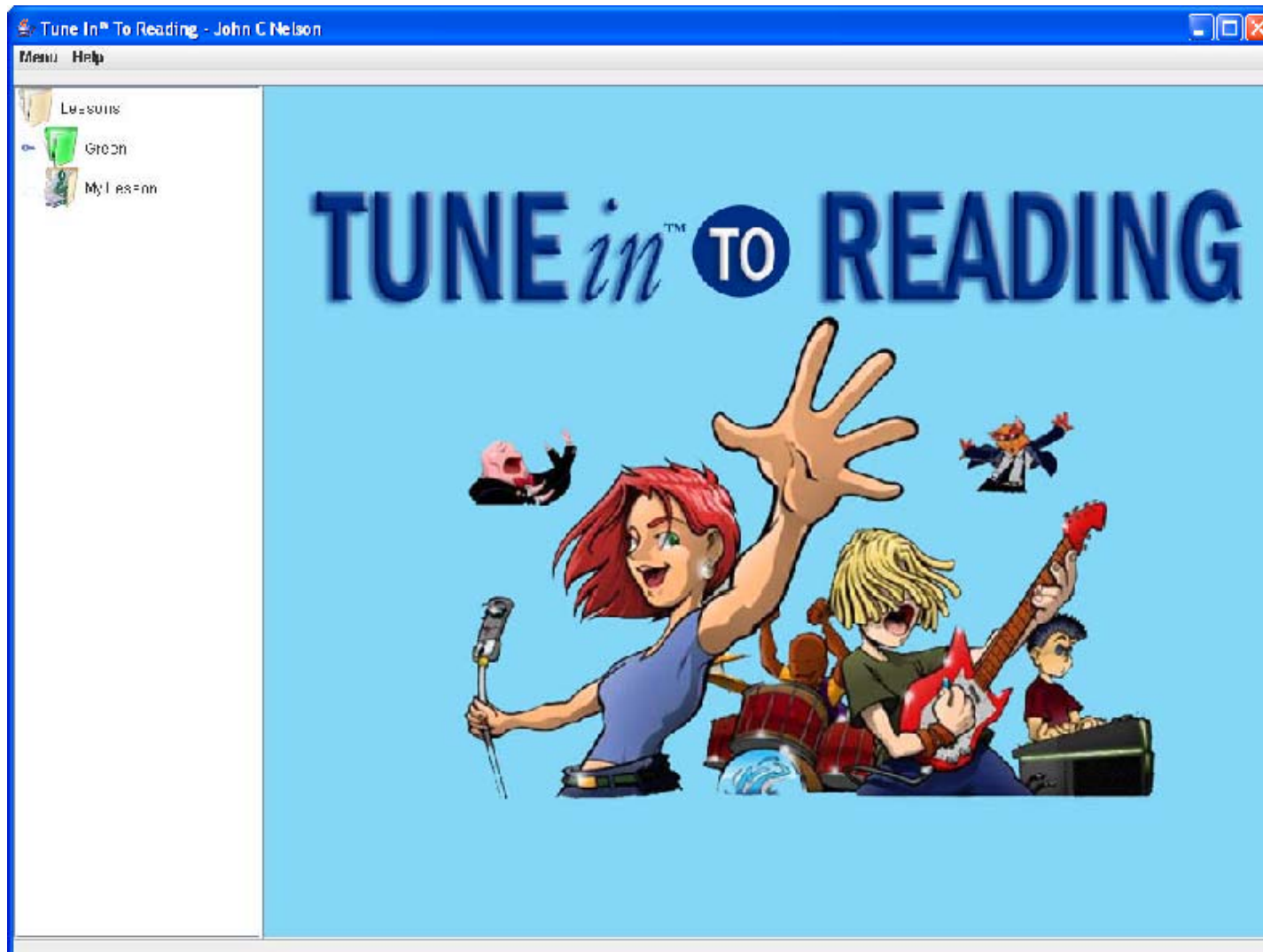


Goal: Student Success

- Setting Up For Success
 - Cloze instructional level assessments
 - Songs matched to students by readability levels
 - Determining vocal range
 - Songs are transposed into the optimal key for each student's vocal range

Using Tune In to Reading

Splash Screen



Sheet Music View

The screenshot displays the 'Tune In™ To Reading' software interface for the song 'On Top Of Old Smoky' by John C. Nelson. The window title is 'Tune In™ To Reading - John C Nelson - On Top Of Old Smoky'. The interface includes a menu bar with 'Menu' and 'Help'. Below the menu bar are controls for 'Vocal Range' (E2 to B-1 Bass) and 'Skill Level' (Beginner). The main area shows four staves of sheet music in 3/4 time with a key signature of one sharp (F#). The lyrics are: 'On top of Old Smoky y All covered with'. The notes are numbered 1 through 8. The bottom of the interface features a control panel with 'Metro' (3/4), 'Time Signature', 'Tempo' (140), 'Key' (A), 'Melody', and 'Accomp.' sections. There are also sliders for 'Master', 'Melody', and 'Accomp.' volume, and playback buttons for 'Clear', 'Rewind', 'Play', 'Stop', and 'Record'. The Windows taskbar at the bottom shows the 'start' button, open applications, and the system tray with the time 2:07 PM.

Graphic View

The screenshot displays the 'Tune In™ To Reading' software interface for the song 'On Top Of Old Smoky' by John C. Nelson. The window title is 'Tune In™ To Reading - John C Nelson - On Top Of Old Smoky'. The interface includes a 'Menu Help' bar and settings for 'Vocal Range' (E₂ to B₄ Bass) and 'Skill Level' (Beginner). The main display is a piano keyboard graphic with a white line representing the melody. The melody starts with an 'Intro' section, followed by the lyrics 'On top of old Smoky'. The notes are color-coded: blue for the first part of the melody, purple for the second part, and grey for the third part. The piano keyboard has 88 keys, with the bottom two rows (E₂ to G₃ and A₂ to C₃) highlighted in green. The control panel at the bottom includes a 'Metro' button, 'Time Signature' (3/4), 'Tempo' (140), 'Key' (A), 'Melody' and 'Accomp.' volume sliders, and playback buttons: 'Clear', 'Rewind', 'Play', 'Stop', and 'Record'. The Windows taskbar at the bottom shows the 'start' button, open windows for 'Tune In to R...', 'Tune In™ To ...', and 'SnagIt', a 100% zoom level, and the system clock showing 2:05 PM.

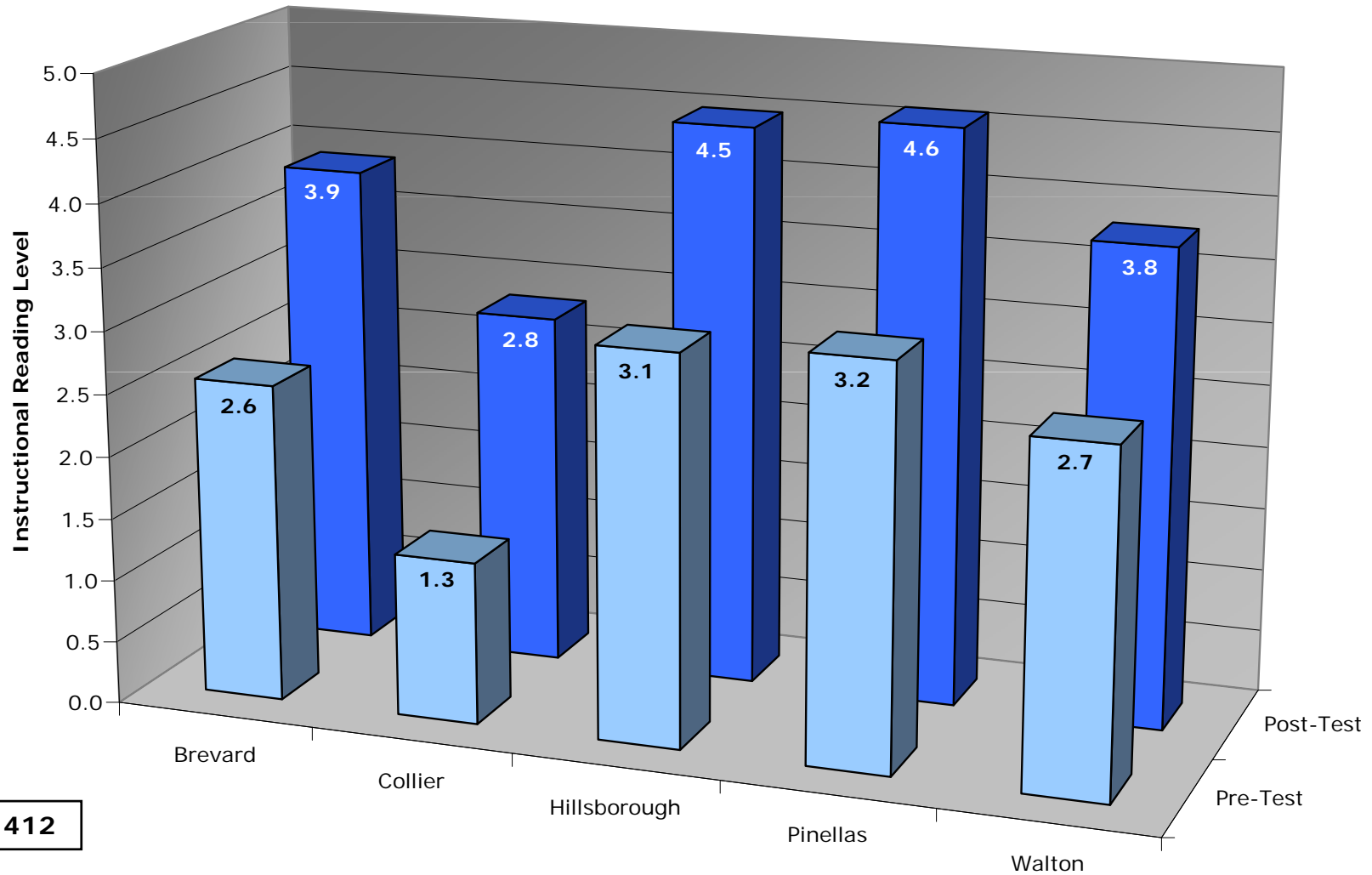
Scores Motivate Students

The screenshot displays the 'Tune In™ To Reading' software interface. The title bar reads 'Tune In™ To Reading - John C Nelson - On Top Of Old Smoky'. The interface includes a menu bar with 'Menu' and 'Help'. Below this, there are controls for 'Vocal Range' (set to 'E₂ to B₋₁ Bass') and 'Skill Level' (set to 'Beginner'). The main display area features a piano keyboard with a white line representing the vocal pitch. The lyrics 'Intro', 'On top', 'of', 'Cid', and 'Smok-' are visible. A 'Singing Score' dialog box is open in the center, showing a score of 93 and asking 'Save Score?' with 'No' and 'Yes' buttons. The bottom of the interface has a control panel with buttons for 'Metro', 'Time Signature' (3/4), 'Tempo' (140), 'Key' (A), 'Melody', 'Accomp.', 'Master', 'Melody', 'Accomp.', 'Clear', 'Rewind', 'Play', 'Stop', and 'Record'. The Windows taskbar at the bottom shows the 'start' button, open windows for 'Tune In to R...', 'Tune In™ To ...', and 'Snagit', along with system icons and the time '2:05 PM'.

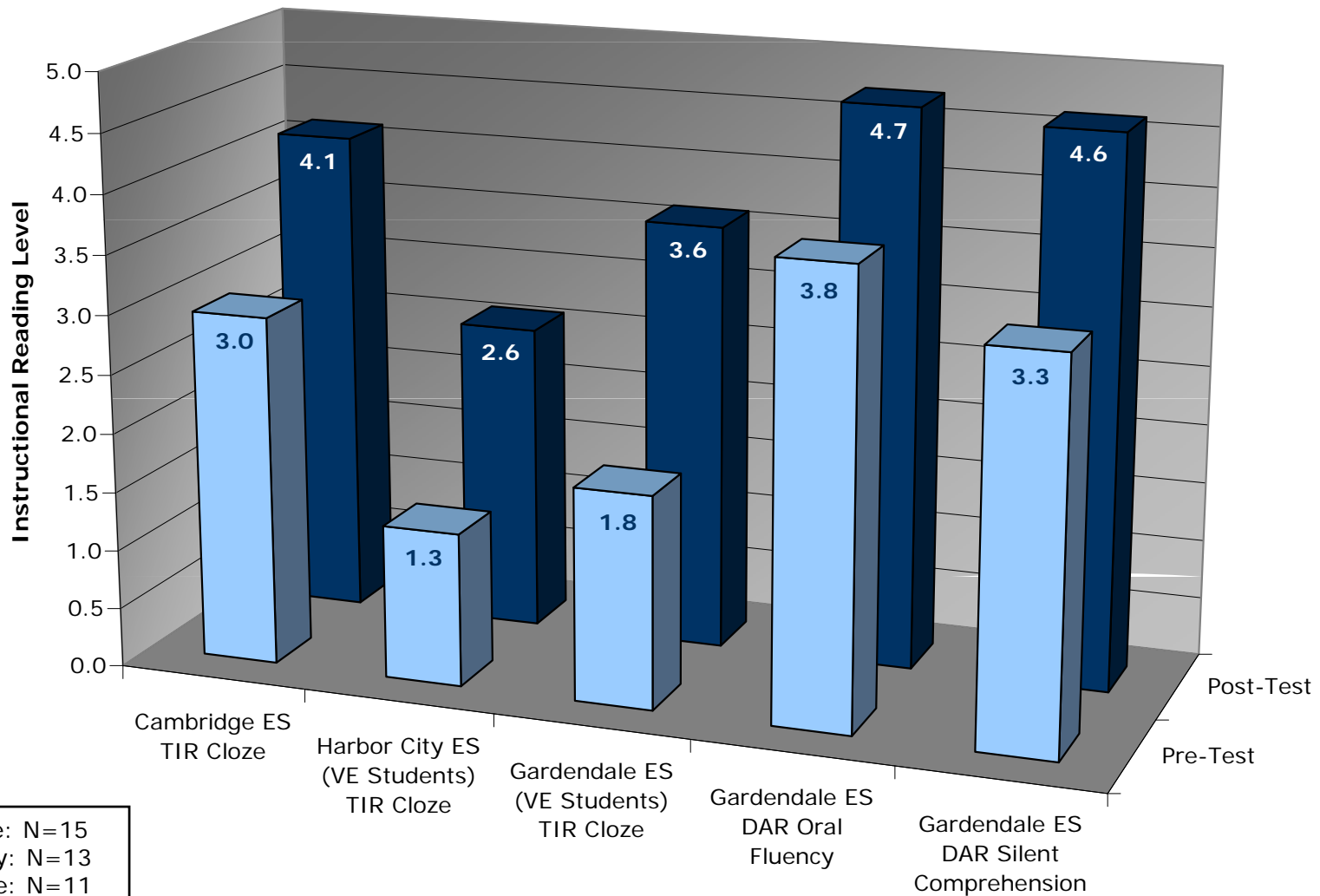
2006 – 2007 TIR Results



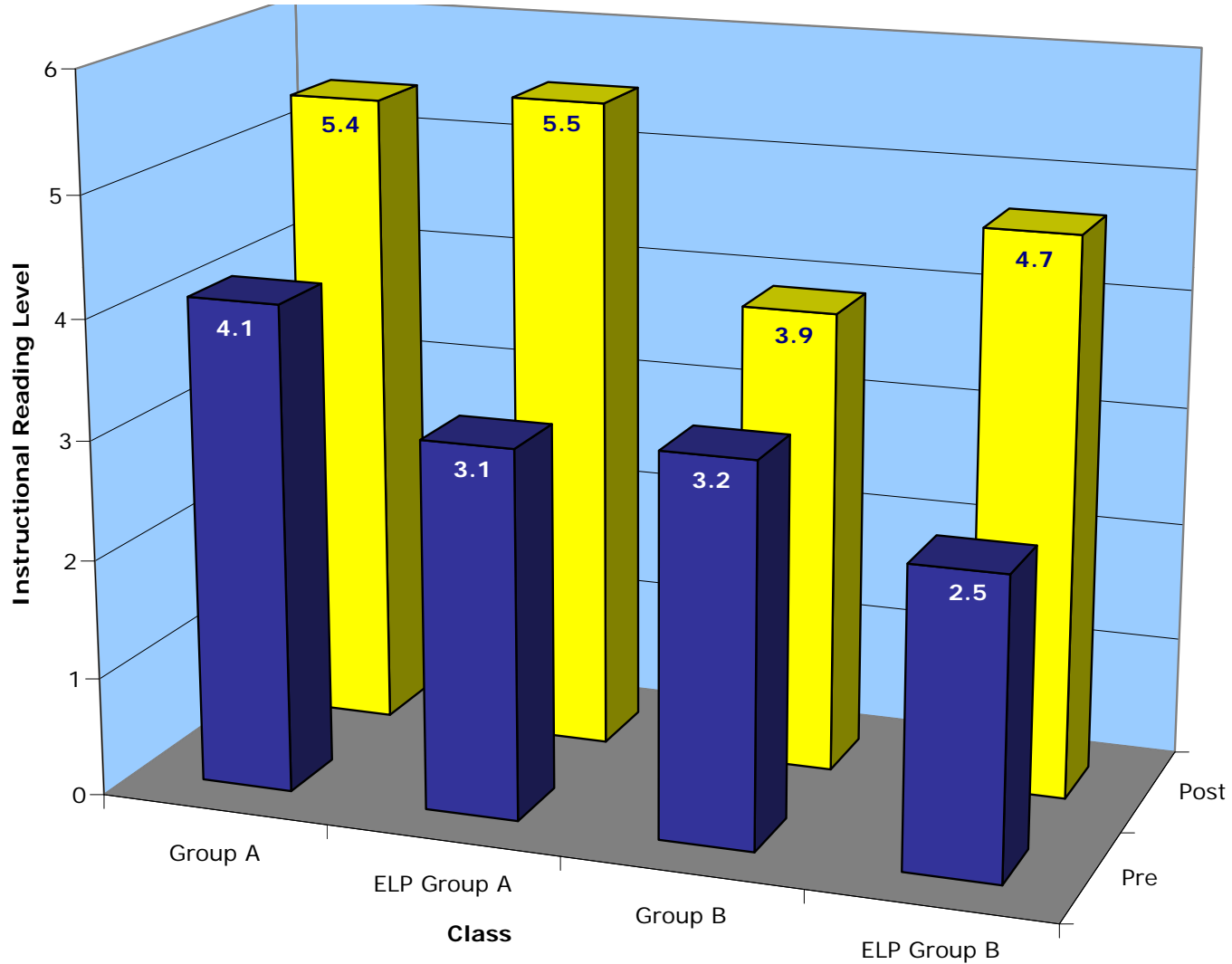
Florida School Districts - 9 Week Cycle Average 1.3 Instructional Reading Level Gain



Brevard County - 9 Week Cycle Average 1.31 Instructional Reading Level Gain

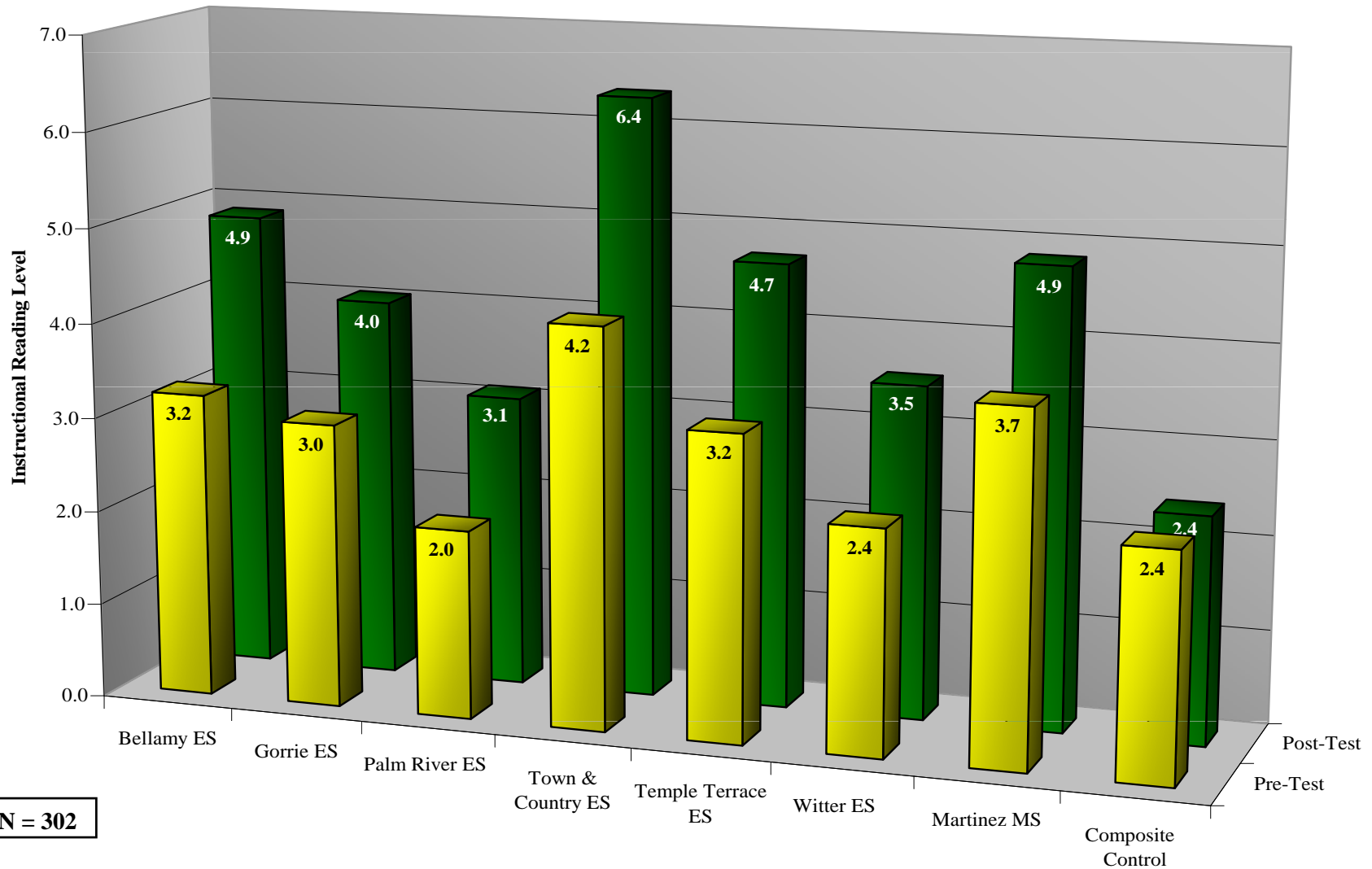


Bellamy Elementary School - 9 Week Cycle Average 1.65 Instructional Reading Level Gain

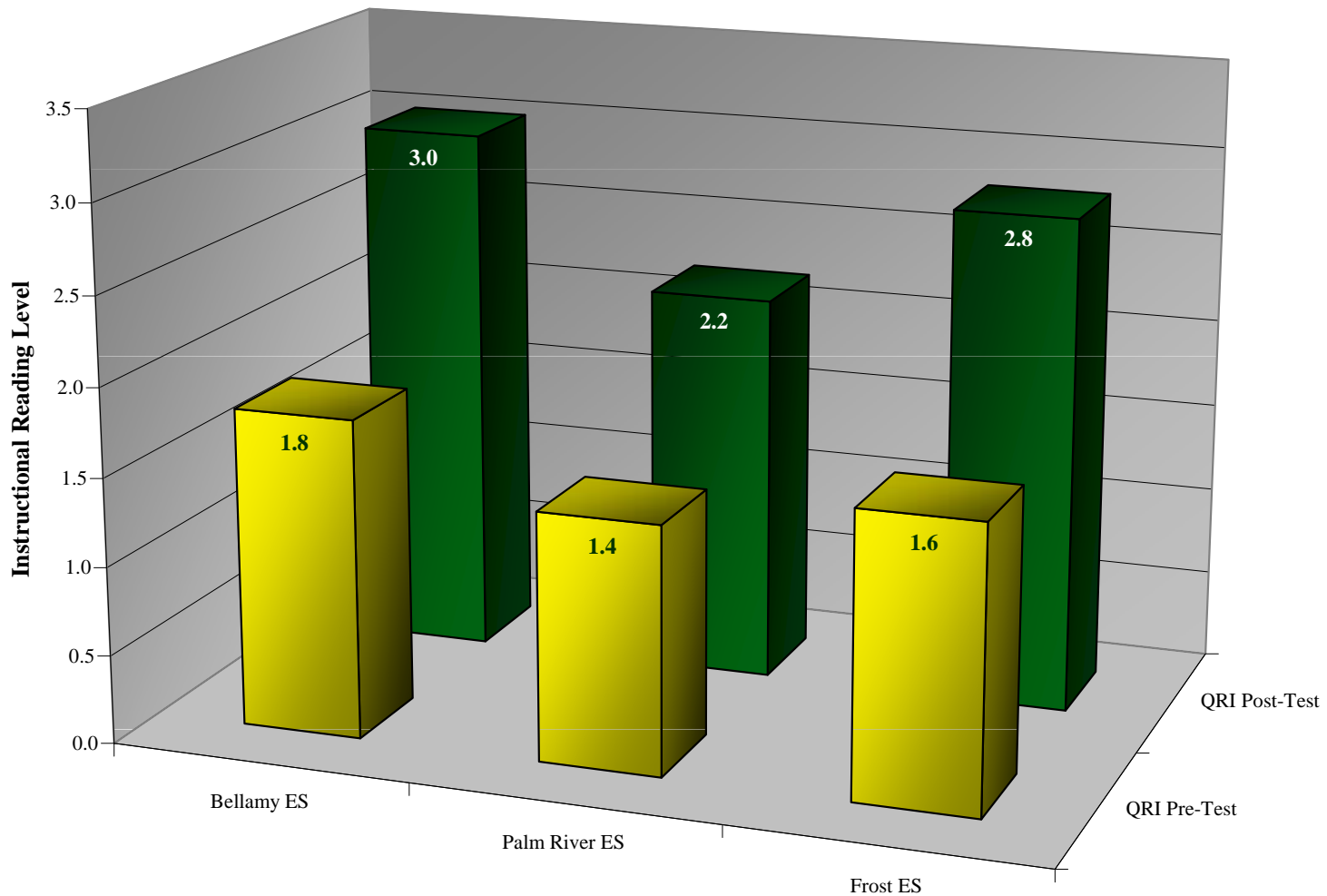


N = 42

Hillsborough County School District - 9 Week Cycle
1.38 Average Instructional Reading Level Gain



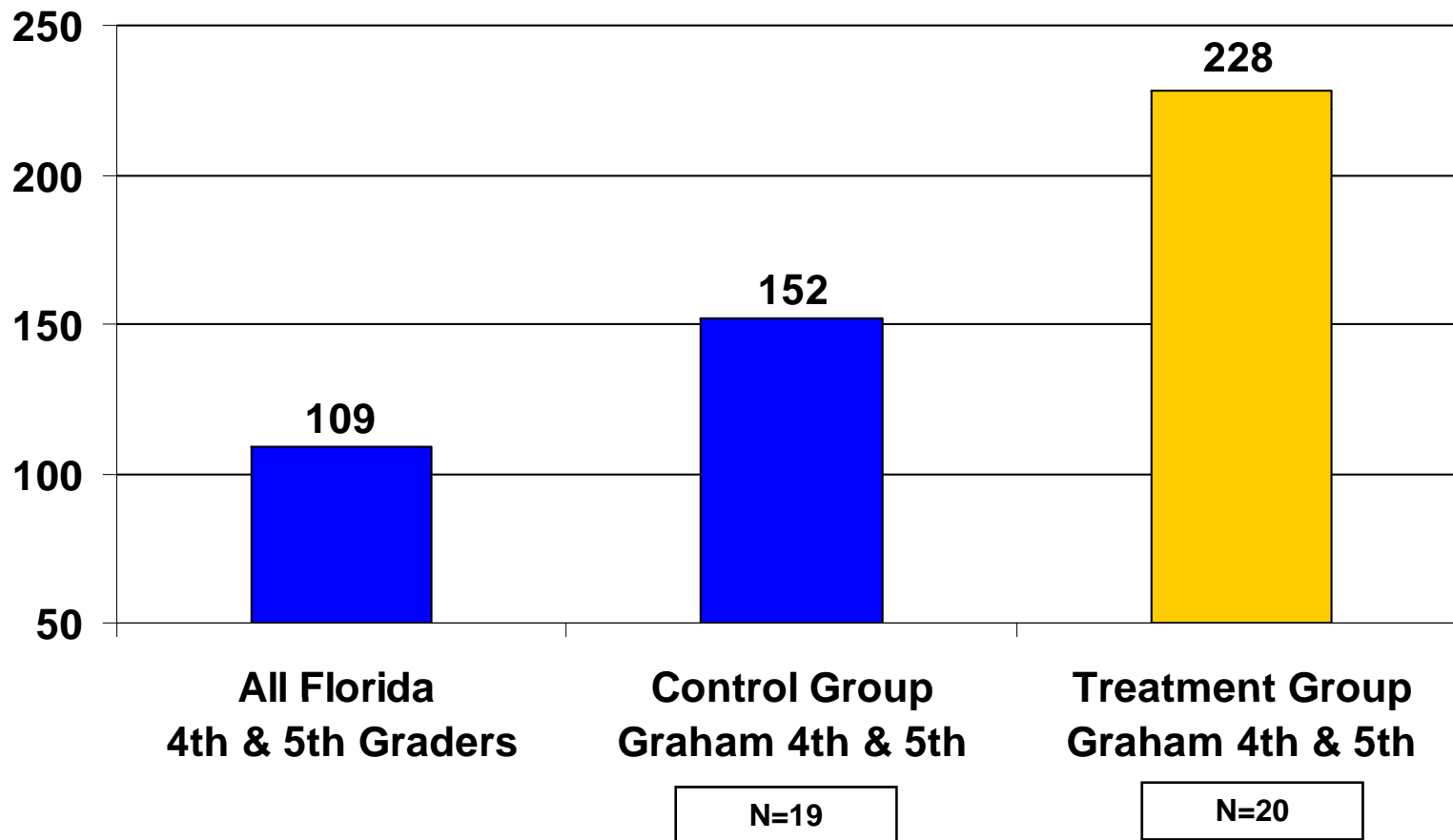
Qualitative Reading Inventory
Hillsborough County Preliminary data – 9 Week Cycle
Average of 1.1 Instructional Reading Level Gain



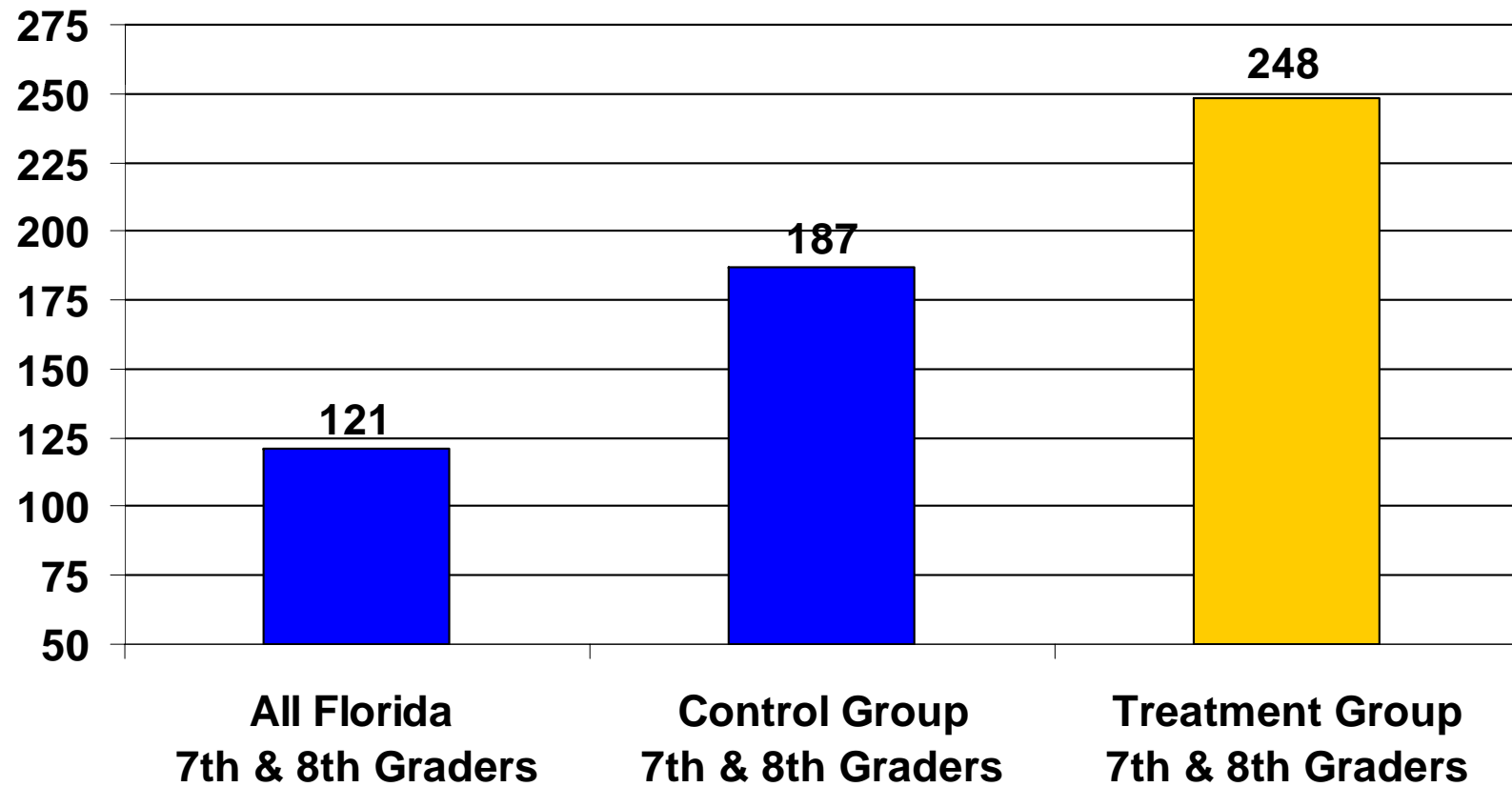
N = 62

The Big Question:
What About FCAT Scores?

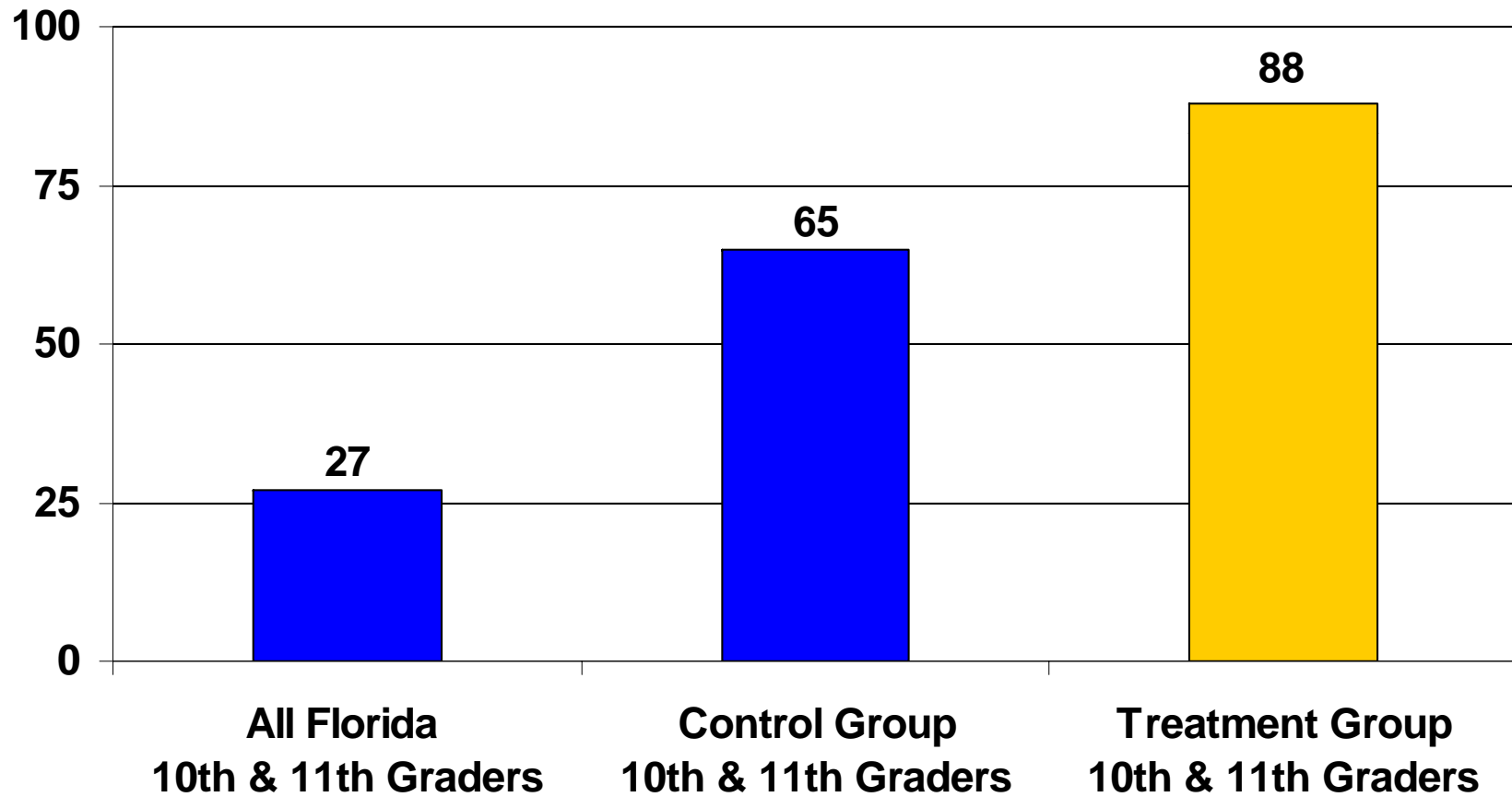
FCAT Improvement ('05 - '06) - DSS Change Graham Elementary School (4th & 5th Graders)



FCAT Improvement ('05 - '06) - DSS Change 2 Middle Schools

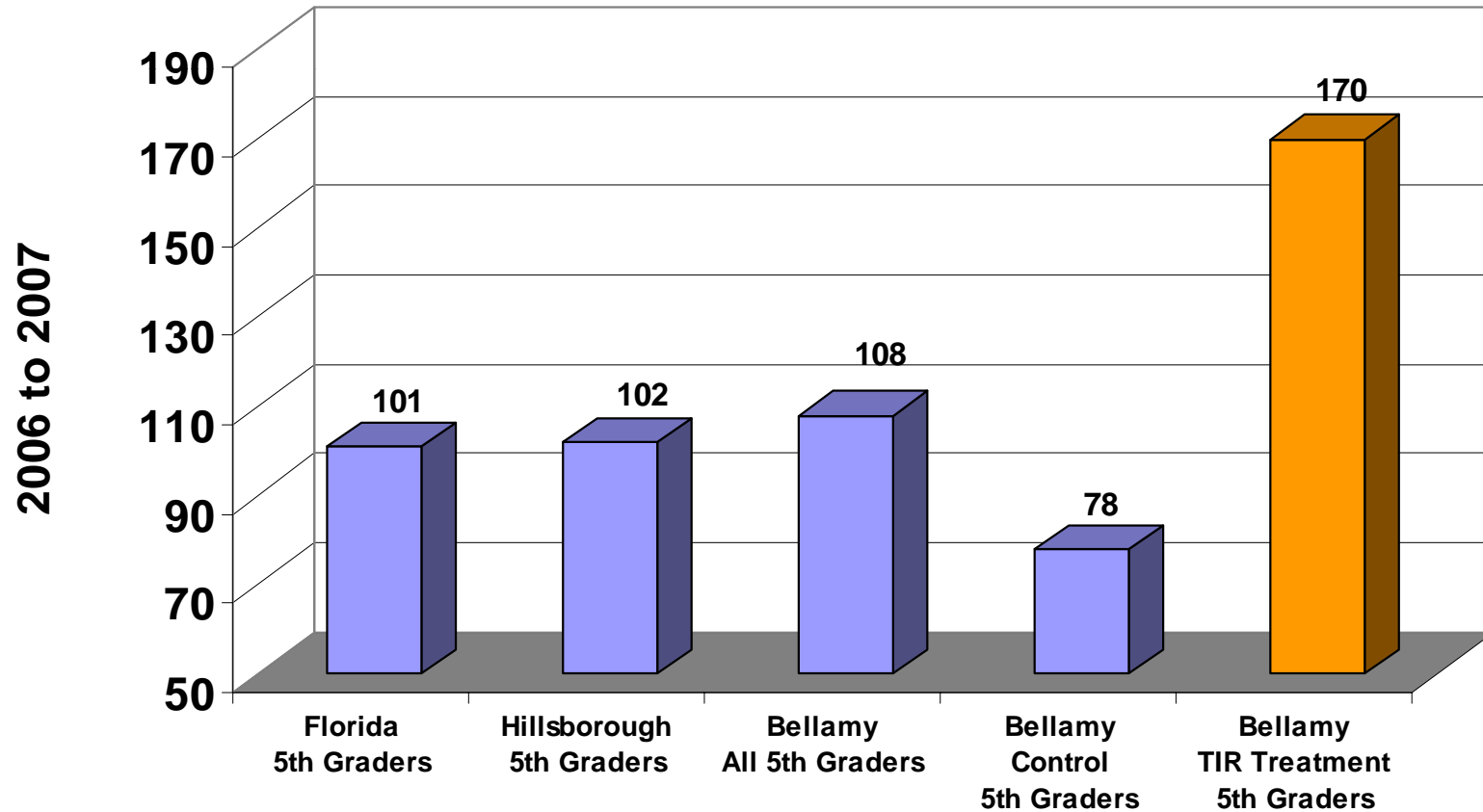


FCAT Improvement ('05 - '06) - DSS Change 1 High School



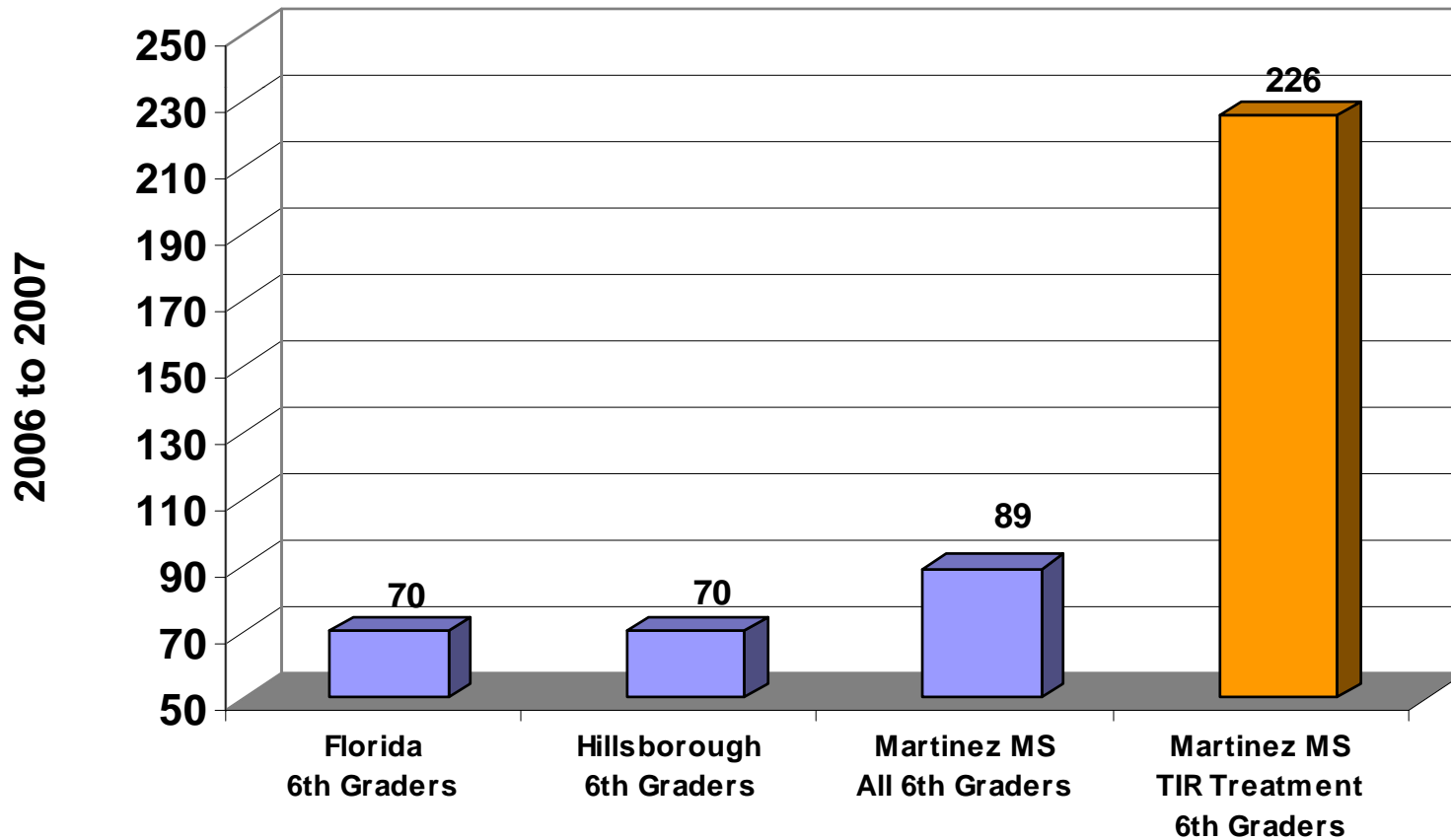
Bellamy Elementary School - 18 Week Cycle

Average FCAT DSS Gain - 5th Graders



Martinez Middle School - 13 Week Cycle

Average FCAT DSS Gain - 6th Graders



Non-Traditional Sites

- Department of Juvenile Justice Programs
 - Leslie Peters Halfway House
 - Hillsborough Academy
 - Tampa Marine Institute
 - Youth Environmental Services
 - PACE Center for Girls
 - Falkenburg Academy
 - Riverside Academy
 - Columbus Juvenile Residential Facility



Non-Traditional Sites

- Brandon Success Academy















Contact info:



Susan Homan, Ph.D.
homan@tempest.coedu.usf.edu



**Electronic
Learning
Products, Inc.**
www.elpcorp.com

info@elpcorp.com
www.elpcorp.com