Revealing and Replicating Highly-Effective Instructional Practices Through Classroom-Level Value-Added Analysis

April 15, 2009

Results Based On Two Years of T-CAP Data Analysis

A View of Student Progress

 Aggregate ACHIEVEMENT vs. SES Status

 Aggregate Value-Added Gain by % Poverty

 Teacher Quality

 Highly Effective Teachers

- We met with our initial group of high value-added teachers in March and May of 2008.
- 32 highly effective math teachers and 28 highly effective reading teachers, grades 3-8 spent the day in small groups talking about what each of them does to produce high student gains.
- Used an Appreciative Inquiry format to engage the group
- Teachers were producing results at least 3 SE above expected gains for all subgroups.

The information in this report is preliminary and based only on data collected during the 2006-2008 school years. These findings should be interpreted with caution, not used as conclusive evidence or reprinted without permission from Battelle for Kids.
Tentative Findings

• Highly effective teachers work hard throughout the year to establish and maintain a supportive and challenging learning environment.
• There is a lot of variability in the teaching methods of highly effective math teachers.
• Highly effective teachers are extraordinarily persistent.

Tentative Findings (cont.)

• Highly effective teachers adapt their instruction to fit their students. When something is not working they try something else.
• For highly effective teachers the standards are nonnegotiable.
• Highly effective teachers assess continuously throughout a lesson.

Tentative Findings (cont.)

• Highly effective teachers have high expectations for themselves and for their students.
• Highly effective teachers hold themselves and their students accountable for the work.
• Highly effective teachers teach a rigorous curriculum.

Tentative Findings (cont.)

• Highly effective teachers are innovative. They constantly work to make their subject area relevant and engaging.
• Highly effective teachers are passionate about their subject area and their kids.
• Highly effective teachers value risk-taking and creativity.

For more information

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