

Main Points Today

1. Teaching Expertise is the most significant variable in student achievement that we control.
2. It's large and complex far beyond...
3. We do know what it looks and sounds like in considerable detail...with agreement
4. Experts application is subtle and simultaneous.
5. It's not "seat time" and "completion" but mastery we want.

Main Points Today

6. We can do this!

- Good teachers are made, not born.
- Identify which of the top ten high-leverage teaching skills can best be learned in prep programs.
- Design certification around mastery of them.

Four Historical Approaches to Improving Student Achievement

1.

70s/80s: Curriculum Packages and Programs

2.

90s: Change Structures

4.

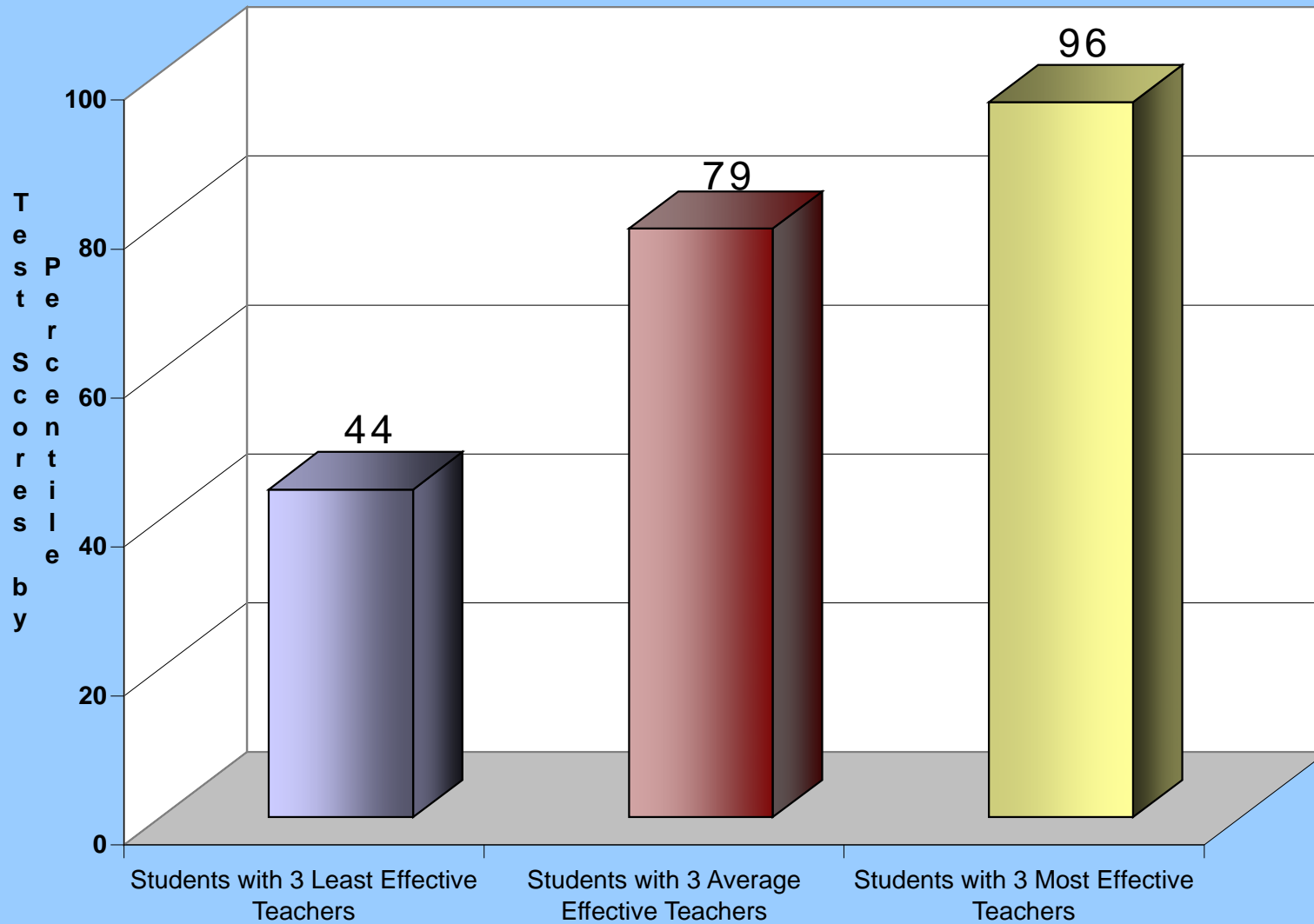
2010s: Use Data

3.

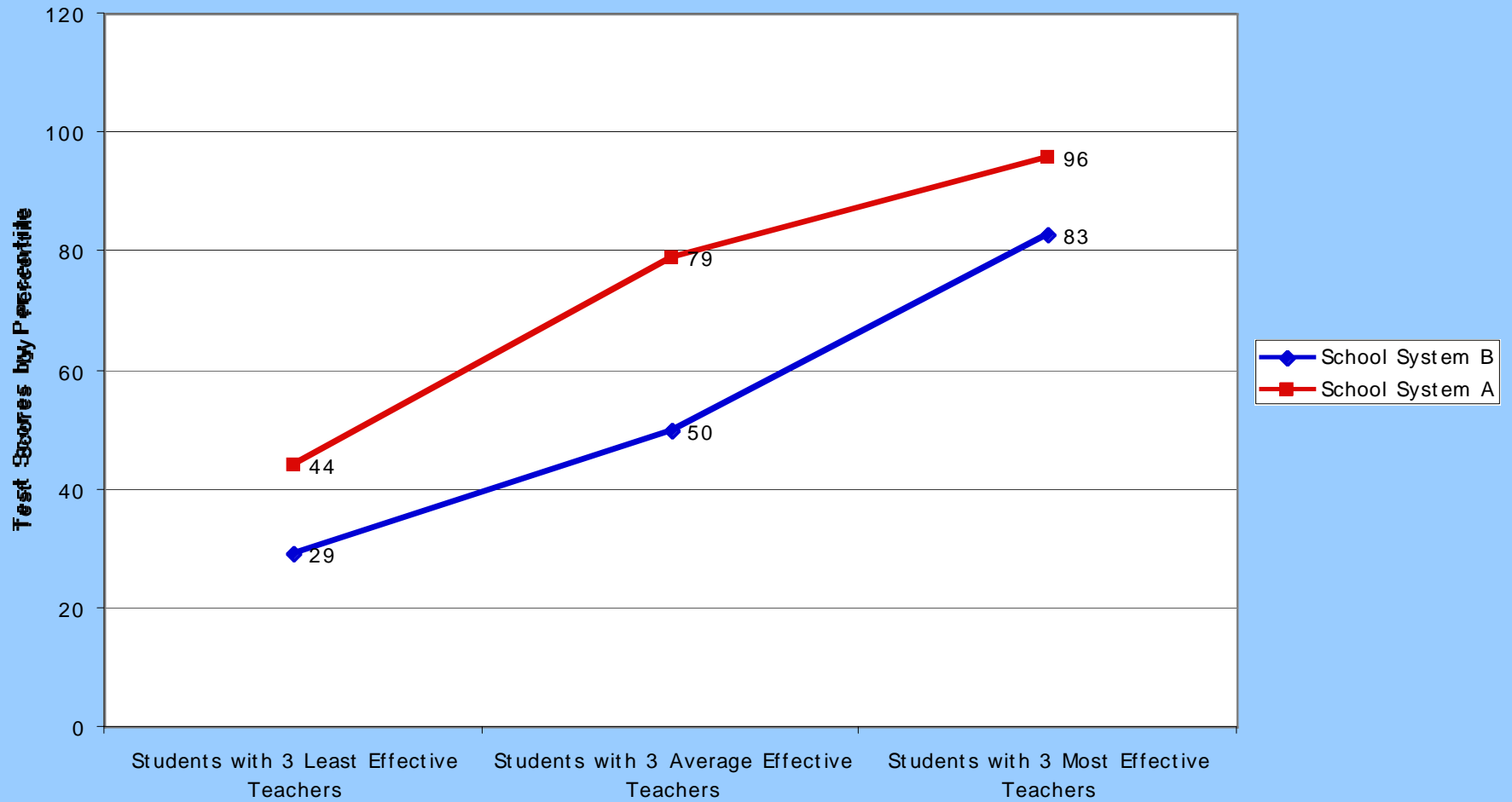
2000s: Standards and Accountability

5. Focus on High-Expertise Teaching

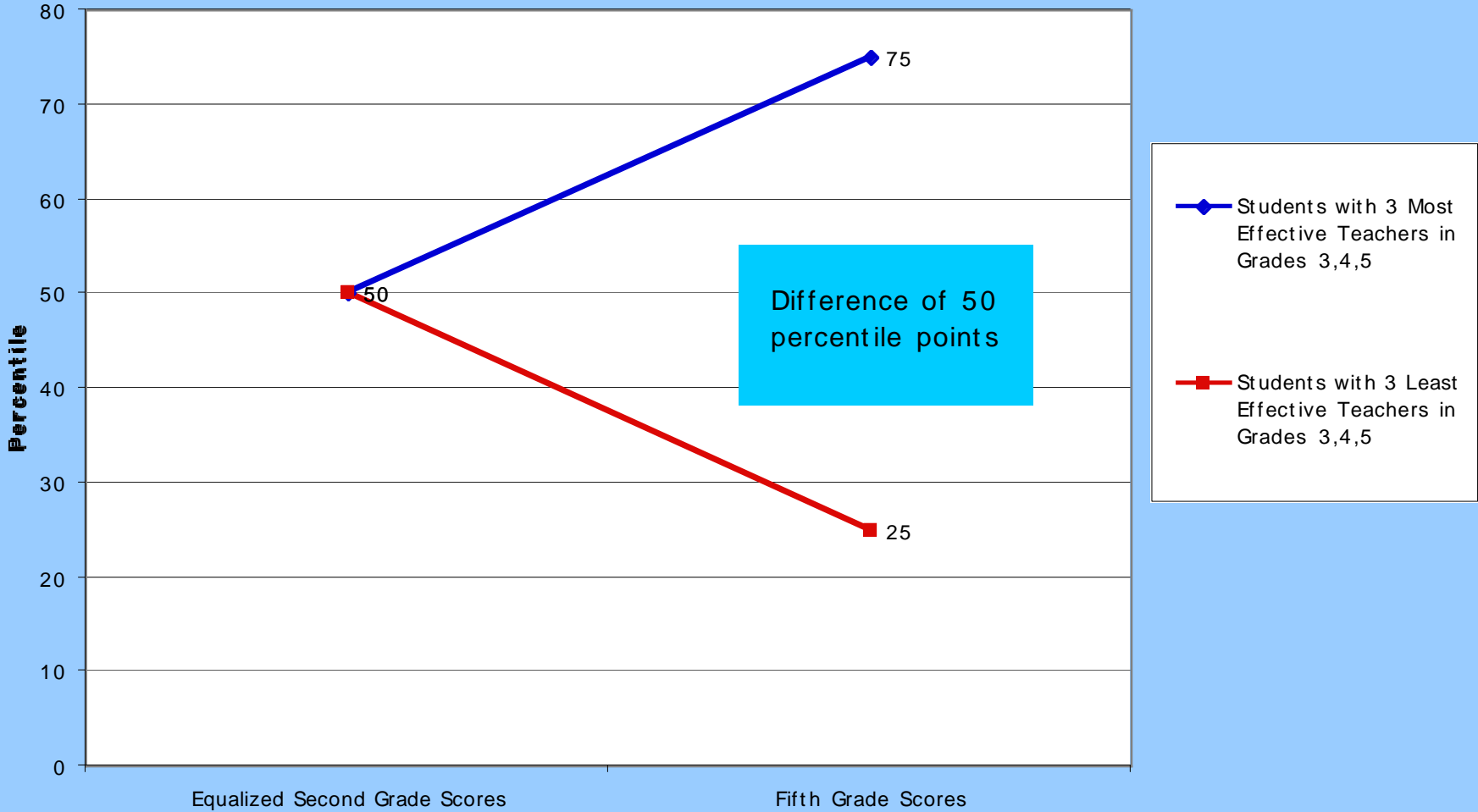
**FIFTH GRADE MATH SCORES ON TENNESSEE STATEWIDE TEST
BASED ON TEACHER SEQUENCE IN GRADES 3, 4, 5
(Second Grade Scores Equalized)
Research by Sanders & Rivers (1996)**



**FIFTH GRADE MATH SCORES ON TENNESSEE STATEWIDE TEST BASED ON
TEACHER SEQUENCE IN GRADES 3.4.5
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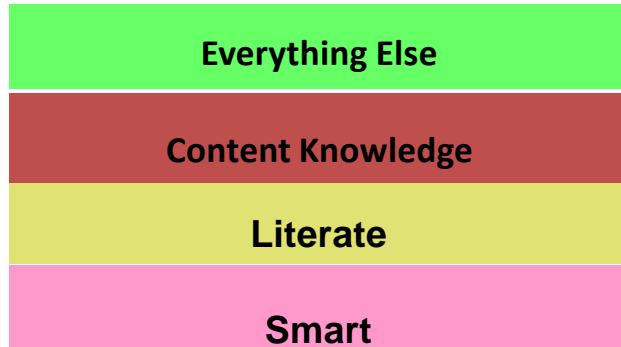
**CHANGES IN MATH SCORES ON TENNESSEE STATEWIDE TEST AMONG
STUDENTS WITH EQUALIZED SECOND GRADE SCORES BASED ON TEACHER
SEQUENCE IN GRADES 3,4,5**
Research by Sanders & Rivers (1996)



A GOOD TEACHER

What It Really Takes

What People Think It Takes



COMMITMENTS AND BELIEFS

Humility
Perseverance
Constant Learning
Effort-Based Ability Belief

SKILLS



TEN BIG ROCKS OF HIGH-EXPERTISE TEACHING

1. The lesson focuses on the most worthwhile objective, and the students understand what it means.
2. Error analysis of student work to deliver re-teaching to those who need it
3. Feedback and Criteria for Success
4. Making Students' Thinking Visible
5. Using a variety of cognitive strategies matched to content and students*

6. Communicating 3 critical messages re: effort-based ability: THIS IS IMPORTANT; YOU CAN DO IT; AND I'M NOT GOING TO GIVE UP ON YOU.

7. Making students feel known and value:
Cultural Proficiency and Personal Relationship Building

8. Building a classroom climate of community, risk-taking, and ownership

9. High volume of student reading/writing and explicit embedded literacy instruction

10. Direct vocabulary instruction and practice

KEY CONCEPTS

- Areas of Performance
- Repertoire
- Matching

