

MET  
project

# A Teacher's Perspective

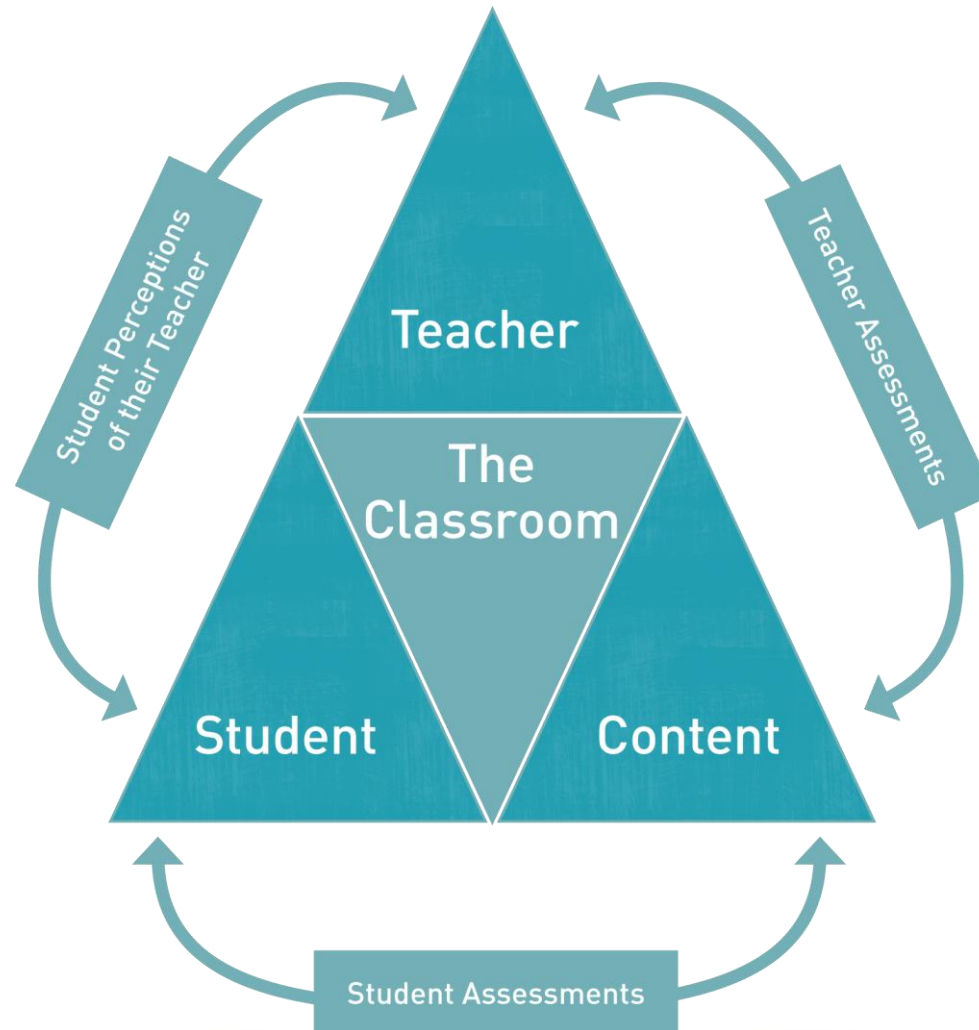
November 2011

## Measures of Effective Teaching (MET)project

BILL & MELINDA  
GATES *foundation*

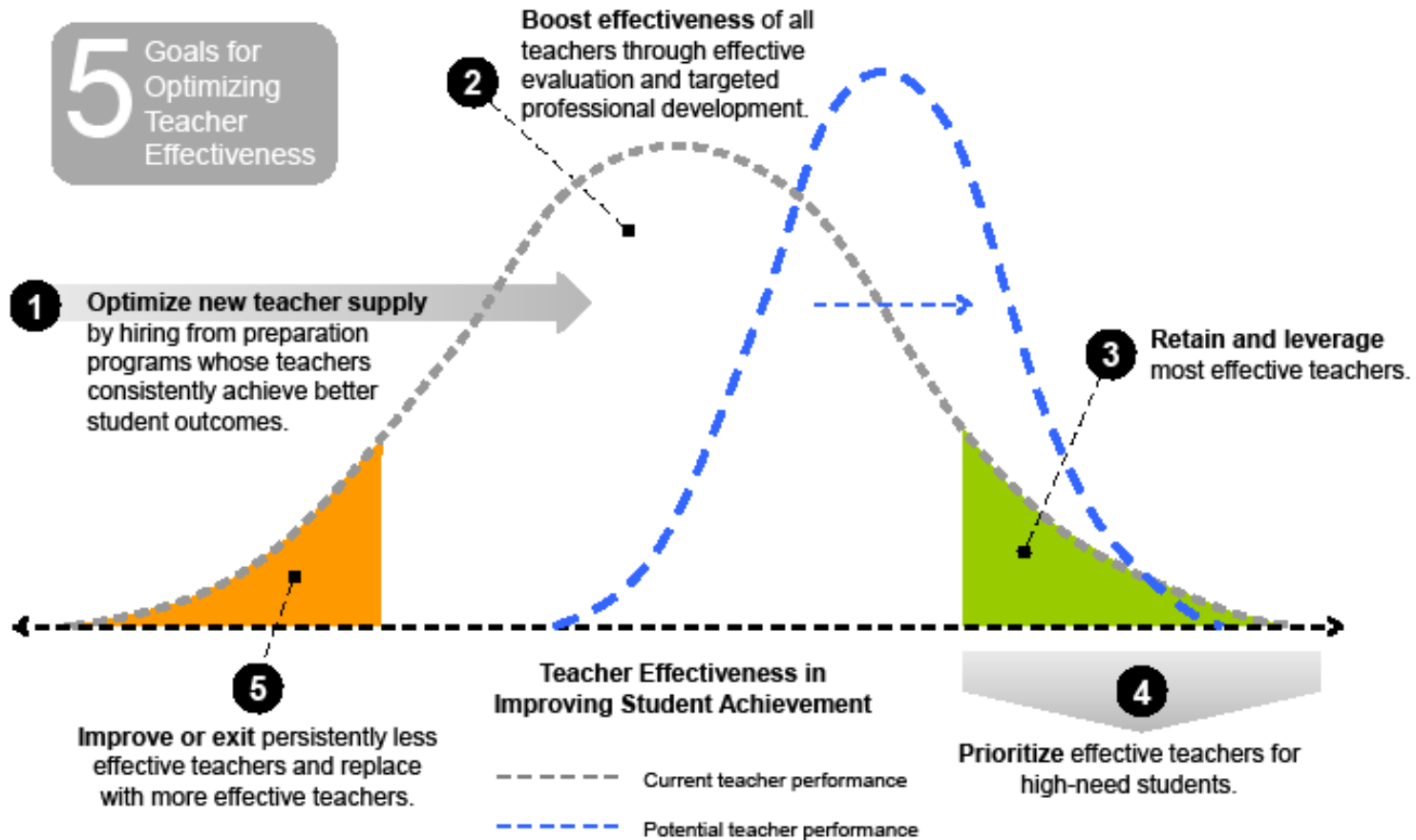


# What Makes an Effective Teacher?





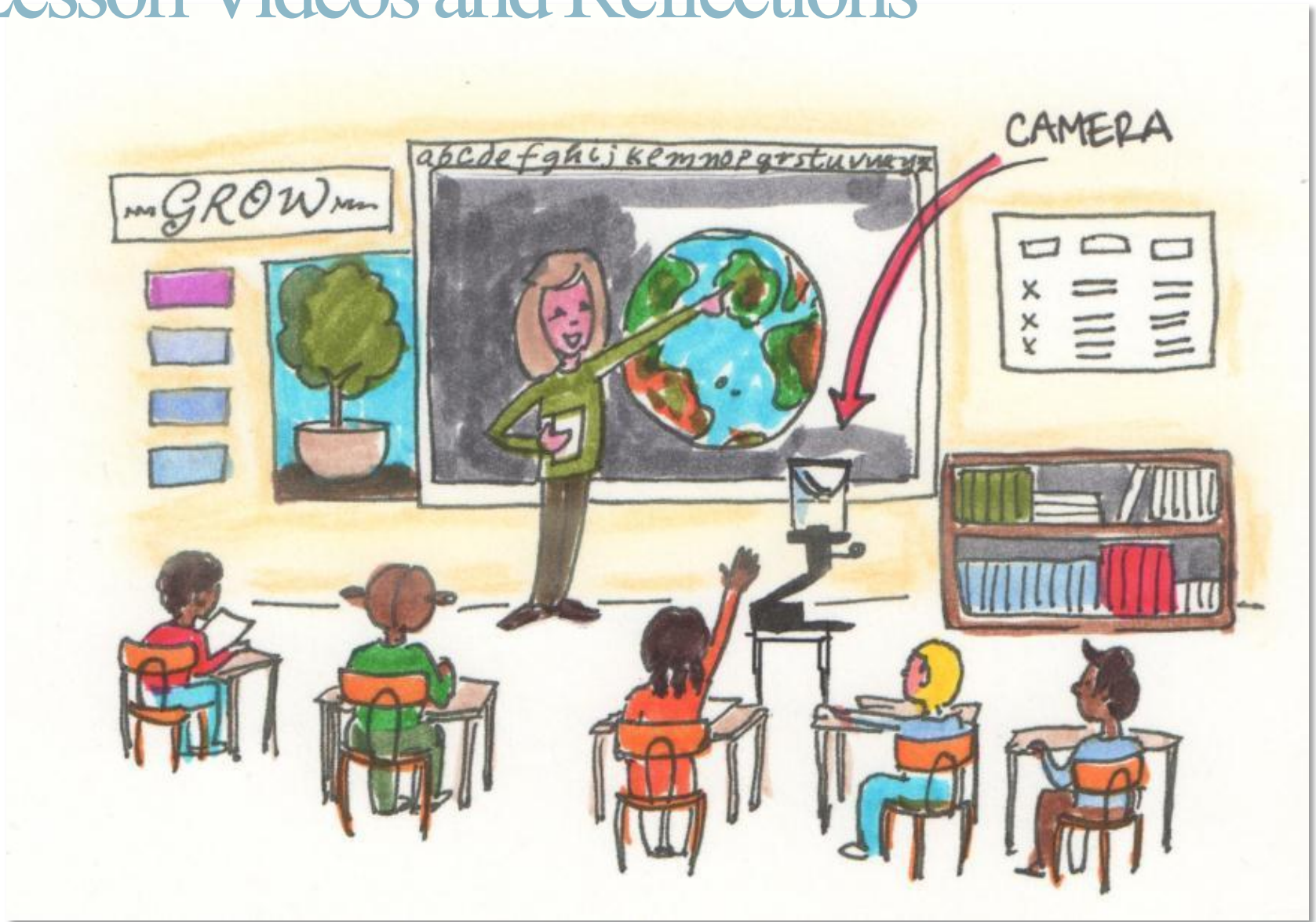
**Dramatic improvements in student achievement cannot occur without a sustained and strategic focus on maximizing teacher effectiveness.**



# Components of the Study

- 8 video captures (literacy and math)
  - Teacher Reflections
- Teacher knowledge assessment for each subject
- Teacher perception survey
- Student assessments
- Student perception surveys

# Lesson Videos and Reflections



# Knowledge for Teaching

7. Which of the following story problems could be used to illustrate  $1\frac{1}{4}$  divided by  $\frac{1}{2}$ ? (Mark YES, NO, or I'M NOT SURE for each possibility.)

	Yes	No	I'm not sure
a) You want to split $1\frac{1}{4}$ pies evenly between two families. How much should each family get?	1	2	3
b) You have \$1.25 and may soon double your money. How much money would you end up with?	1	2	3
c) You are making some homemade taffy and the recipe calls for $1\frac{1}{4}$ cups of butter. How many sticks of butter (each stick = $\frac{1}{2}$ cup) will you need?	1	2	3

# Student Assessments

- State assessments
- Balanced Assessment in Mathematics (BAM)
- Stanford 9 Open-Ended Reading Assessment (SAT-9)



# Ask the students!





# Student Perceptions Matter!

<b>The 7 Cs</b>	<b>Sample Questions</b>	
<b>CARE</b>	My teacher in this class makes me feel that s/he really cares about me.	My teacher really tries to understand how students feel about things.
<b>CONTROL</b>	Students in this class treat the teacher with respect.	Our class stays busy and doesn't waste time.
<b>CLARIFY</b>	My teacher has several good ways to explain each topic that we cover in this class.	My teacher explains difficult things clearly.
<b>CHALLENGE</b>	In this class, we learn a lot almost every day.	In this class, we learn to correct our mistakes.
<b>CAPTIVATE</b>	My teacher makes lessons interesting.	I like the ways we learn in this class.
<b>CONFER</b>	Students speak up and share their ideas about class work.	My teacher respects my ideas and suggestions.
<b>CONSOLIDATE</b>	My teacher checks to make sure we understand what s/he is teaching us.	The comments that I get on my work in this class help me understand how to improve.

# Issues

- No feedback for teachers
  - On lessons
  - Regarding student perceptions
  - Regarding teacher knowledge
- Technology

# Implications

- New evaluation system for teachers
  - Including more reflection on lessons
  - Test scores
  - Weeds out ineffective teachers
- Performance Pay
  - Keeps the better teachers in the profession
  - Provides incentives
- Targeted professional development
  - Teacher knowledge
  - Work around different ways to solve the same problem
- The system **MUST** change to get results!