

**PRIME Leadership Framework.
Learning and Leading Together.**



It's TIME: Themes and Imperatives for Mathematics Education: A Leader's Agenda for Ensuring that All Students Benefit from the Common Core

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AGENDA

- Background information
- Features of It's TIME
- Intended Outcomes of It's TIME



LEADERSHIP IN MATHEMATICS EDUCATION



It's TIME:

Themes and Imperatives for Mathematics Education: A Leadership Framework for Common Core Mathematics

- *A two-year journey—available on the NCSM website in April 2013
Also, available at the NCSM Conference in New Orleans, April 7-9, 2013*



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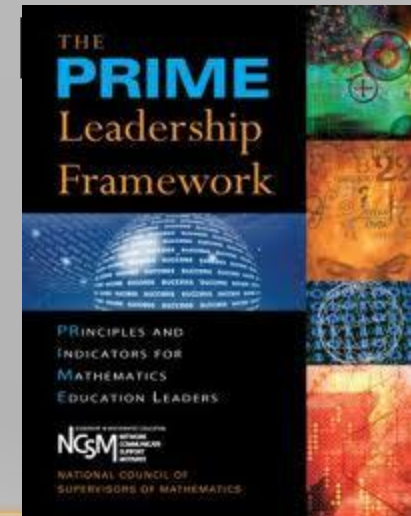
NCSM'S GOAL AND VISION

To articulate a set of leadership imperatives and set forth an agenda for the systemic conditions required to convert our shared vision into the reality of consistently high levels of mathematics learning for all students.



SETTING THE CONTEXT

1. A sense of urgency
2. An NCSM Board decision to write this document
3. A sequel/companion document to Leadership Framework



SENSE OF URGENCY!





BACKGROUND

- Common Core State Standards raised the bar
- NCSM Board of Directors charged the writing committee to ...
 - Create a follow-up document to Prime
 - Reflect on leadership required to support the implementation of CCSS

LEADERSHIP FOR THE COMMON CORE STATE STANDARDS

It's TIME is intended for leaders, in the broadest sense, working together as Leadership Teams, responsible for moving or influencing individuals and groups towards a common goal of improving mathematics achievement for every student..





LEADERSHIP

**LEADERS AT EVERY LEVEL MUST
HELP PEOPLE ENVISION, BELIEVE,
UNDERSTAND, PRACTICE, RECEIVE
FEEDBACK AND WORK
COLLABORATIVELY.**

(LEINWAND, 2012)

IT'S TIME



The document is designed to provide clear, research-base guidance on how to raise achievement in mathematics for *every student* and effectively implement the Common Core State Standards in Mathematics in *every classroom*.



NCSM MATHEMATICS LEADERSHIP IMPERATIVES

- **Givens**
- **Overarching Themes**
- **Supportive Conditions**
- **Imperatives**
- **A Shared Productive Culture of Accountability**
- **Outcomes**



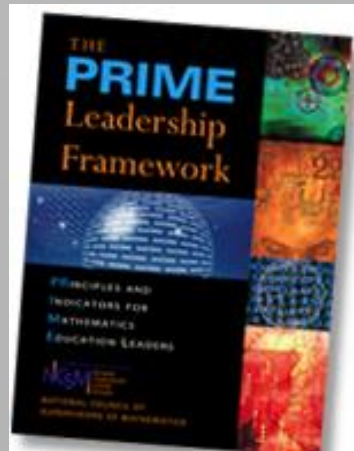
GIVENS:



Common Core State Standards

Smarter Balanced and PARCC

- PRIME



OVERARCHING THEMES FOR CAPITALIZING ON THE OPPORTUNITY

- Social Justice
- Thinking and Acting Systemically
- Leadership



THEMES FOR CAPITALIZING ON THE OPPORTUNITY

- Social Justice—Turn & talk—What is Social Justice?
- Thinking and Acting Systemically
- Leadership



THEMES FOR CAPITALIZING ON AN OPPORTUNITY

- Social Justice
- Thinking and Acting Systemically—Two ideas of how you can do this
- Leadership



THEMES FOR CAPITALIZING ON AN OPPORTUNITY

- Social Justice
- Thinking and Acting Systemically
- Leadership—3 action steps



SUPPORTIVE CONDITIONS

- Vision
- Beliefs and Mindsets
- Designated Leaders



IMPERATIVES FOR ACTION

- Mathematics content knowledge
- Pedagogical content knowledge
- Mathematics curriculum knowledge
- Instructional and formative assessment practices
- Instructional materials and resources
- Student support structures and intensification
- Using summative assessment data
- Professional learning
- Collaborative structures
- Coaching

**Think about one team:
on which imperative
should you focus?**

MAXIMIZING INSTRUCTIONAL CAPACITY IN EVERY CLASSROOM

- Professional learning
- Collaborative structures
- Coaching





7 CLASSROOM SHIFTS

#1 From same instructions -> differentiated instruction

#2 From students working individually -> community of learners

#3 From mathematical authority coming from teacher or textbook -> mathematical authority coming from sound student reasoning.

#4 From teacher demonstrating “how to” -> teacher communicating expectations for learning



7 CLASSROOM SHIFTS

#5 From content taught in isolation -> content connected to prior learning

#6 From focus on correct answer -> focus on explanation and understanding.

#7 From mathematics-made-easy for students -> engaging students in productive struggle.

ONE TEAM'S RESULTS





OUTCOMES

- Effective, consistent and impactful implementation of the letter and the spirit of CCSSM
- Significantly higher levels of student achievement in mathematics
- Tools & resources to guide and support your leadership skills



It's TIME !

IT'S TIME

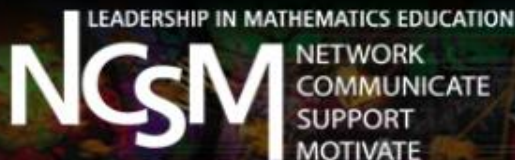
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Conference in New Orleans, LA, April 7-9, 2013***



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COMMON CORE STATE STANDARDS

Latest News, including...

NCSM Illustrating the Standards for Mathematical Practice

Resources, including...

Mathematics Common Core Coalition
Inside Mathematics
CCSS Analysis Tools & PD Materials
NCSM Great Task Sample

Upcoming Event



Fall Leadership Seminars

Baltimore, MD

October 16, 2013

Las Vegas, NV

October 23, 2013

Louisville, KY

November 6, 2013

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PEARSON



Illustrating the Standards for Mathematical Practice

Professional Learning Multiple Choice

	1-2	3-4	5-6	7-8
Number Sense & Operations	1	2	3	4
Algebra & Functions	1	2	3	4
Geometry & Measurement	1	2	3	4
Statistics & Probability	1	2	3	4

JAZZED UP

MATHEMATICS LEADERSHIP
Building Systems to Trumpet Achievement

46th NCSM Annual Conference
April 7-9, 2014
New Orleans, LA

[Learn More](#)

- Latest News
- Elections
- Deadlines

Iris Carl Travel Grant

Applications are now available and are due on December 1, 2013

Notice

On Tuesday, September 10, 2013 Kay Gilliland



Iris Carl Travel Grant!

Submissions due by December 1

[Apply now...](#)



NCSM Calendar

- Conferences
- Seminars
- Academies
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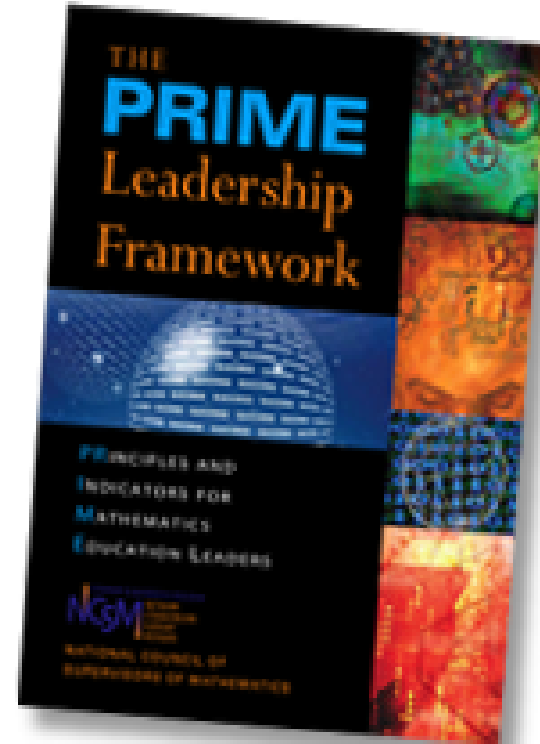
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PREDECESSOR: *THE PRIME LEADERSHIP FRAMEWORK* OR *SEQUEL*

THE **PRIME** Leadership Framework

The ideal resource for
innovative mathematics leaders

Take a Look Inside...



Principles and Indicators for Mathematics Education