

**Summary of the Synthesis of Information Gathered from  
NCSM 2015 Annual Spring Caucuses**

For each statement, share effective strategies that you have used to address the statement AND/OR list your professional questions, challenges, or professional development needs to guide NCSM's vision for supporting membership.

1. Effective leaders of mathematics create a results-driven culture that examines and addresses disparities in mathematics achievement and opportunity for access among all student populations.
2. Effective leaders of mathematics create and nurture a culture focused on the professional growth of existing and emerging leaders.
3. Effective leaders of mathematics collaboratively develop, widely disseminate, and consistently reference a shared vision for effective mathematics teaching and learning.
4. Effective leaders of mathematics design, implement, and evaluate all components of the K-12 mathematics program to ensure **teacher effectiveness and success for all students**.
5. Effective leaders of mathematics encourage teachers to provide rich and engaging mathematics experiences while setting the expectation that all students can learn the content.
6. Effective leaders of mathematics leverage the interrelated system of content (what teachers will teach), instruction (how teachers teach), assessment (how well students learn), and professional culture (how we interact and the beliefs we share). (NCSM, 2014)

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**Summary and Synthesis**

A. Mindsets and Beliefs

Social Justice –Action

1. Mindset... provide comprehensive support (resources/research/PD)
  - teachers mindsets of what students can do
  - student mindsets of what they can do
  - schools to help parents with what they can do
2. Tracking... a clear articulated position and support to help math leaders' work in their schools/districts to de-track and deal with students' different math abilities (7 responses).
3. Promoting and helping teachers to create and use tasks connected to social justice
4. Helping teachers use collected data effectively.

B. System Actions & Leadership

Possible NCSM Action

1. PD for administrators/Principals
  - Content and practices
  - Ownership/buy-in of importance of math teacher leaders
2. Developing, mentoring, nurturing, marketing to young emerging early career leaders, especially leaders of color
3. Resources for working with parents
4. Curating resources and synthesizing research
5. Supporting international members, grow international footprint

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6. Other

- Summer retreat for coaches
- PD for leaders on effective presentations
- Set up opportunities for leaders to shadow other leaders

C. Culture and Vision Actions

1. Facilitators guide for our resources (talking points, discussion questions, position paper for It's Time)
2. Support strategies for administrators (ultimately to tap into this and other untapped areas for membership) marketing benefit
3. Strategies /tools to continue support/conversations after conference (e.g. virtual sessions/chats)
4. Sharing best practices / ideas (web-based)
5. Workshop support for key issues (e.g. questioning)
6. Branding concise message