



MASSACHUSETTS SCHOOL
ADMINISTRATORS' ASSOCIATION



An In-Person MSAA Professional Development workshop for: Middle School Teachers, Math Specialists, Math Coaches, Curriculum Coordinators, Principals and Assistant Principals

Re-JOY-ning the Math Class!

Math Openers, Routines, and Experiences to Build MATH Positivity and Better Discourse in Your Classroom: Grades 5-9



**Featuring Athena Educational Consulting Presenter:
Marcie Abramson**

Monday, November 15, 2021

At the MSAA Office, Franklin, MA

Sign-In/Registration: 8:00 to 8:30am
Workshop: 8:30am to 3:00pm

PD Hours, Content Area:
Mathematics

Fees: Member \$215 / Non-Member \$285

MSAA Contact: ltaylor@msaa.net

This workshop is designed for **middle school teachers** of mathematics who are excited to learn and discover how humanizing the math classroom with thoughtful openers, games, and experiences can bring positivity, joy, and life back to math classes. Teachers will discover how math-talk can better reveal students' understandings as well as misunderstandings of mathematical concepts and ideas. This highly participatory workshop will provide many tasks that will be the building blocks of the development of a truly positive and discourse-rich classroom.

Teachers will engage in tasks, games, and problems that allow the opportunity to see how using effective questioning, collaborative learning, and deep discussions, can set up a supportive and safe learning environment that establishes positive class relationships based on good-discourse. Learn how to motivate your students, through thoughts, play, and discourse, to become enthusiastic math learners!

Participants will:

- Engage in new and robust activities, games, and tasks that will better promote cognitive, positive, and motivational discourse in the middle school math classroom.
- Be involved in tasks that allow for many types and styles of effective questions that allow to enter math problems.
- Participate in lively instructional routines and a new talk structure that will energize and deepen students' understandings of mathematics.
- Come learn how you can support your students' thinking and reasoning by building a discourse-rich classroom where lots of talking and questioning are encouraged and used to motivate your students to become enthusiastic math-learners.



Marcie Abramson is an adjunct professor at Brandeis University where she teaches *Methods of Teaching Mathematics in the Elementary Classroom* as well as *Explorations in Mathematics K-8: A Course for Educators*. Marcie taught middle school mathematics for over 25 years and is currently a sought-after consultant and workshop presenter at the local and national levels. She has written numerous publications including *Painless Math Word Problems* (Barron's 2010, 2001.) Marcie was elected to the Massachusetts Mathematics Teacher Hall of Fame in 2018.

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LEADERSHIP MATTERS



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