



MASSACHUSETTS SCHOOL
ADMINISTRATORS' ASSOCIATION



An MSAA Professional Development Workshop for: Middle School Teachers, Mathematics Specialists, Coaches, Department Heads, Curriculum Coordinators, Principals, and Assistant Principals

Differentiated Instruction in the Middle School Math Classroom, Part Two, Grades 5-8



Featuring **TEACHERS21** Presenter:
Marcie Abramson, Ed.M.

Monday, January 14, 2019
at the MSAA Office, Franklin

Sign-In: 8:00am-8:30am
Workshop: 8:30am-3:00pm

PD Hours: 6
Content Area: *Mathematics*

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

MSAA Contact: pd@msaa.net

This highly participatory workshop will engage teachers in creative, real-world problems that allow the opportunity to differentiate in content, process, and product. The goal of this workshop is to provide activities that will bring a positive transfusion of math energy to new and seasoned teachers. Teachers will become more comfortable using multiple instructional strategies and differentiated tasks as well as having workshop time to create their own tasks to bring back to their classroom. Participants are encouraged to bring materials, sample of tasks, and/or standards-based areas of need to today's workshop.

Participants will:

- Investigate problems aligned with the Eight Standards of Mathematical Practice.
- Think, wrestle with, and solve BIG problems whose solutions can be communicated by way of multiple representations and various problem-solving strategies.
- Discover and create templates and graphic organizers that can be used in the solution of standards-based problems.
- Experience how the strategy of cubing can be used to bring inquiry and higher level reasoning to the classroom.
- Discover how offering choice activities empower students to own their own learning.
- Build a repertoire of activities and problems to help all students

Note: Part One of this workshop (October 3) will focus on other DI strategies including open questions, parallel tasks and tiered learning activities.

Participants may sign up for Part One, Part Two or both!

Marcie Abramson is an adjunct professor at Brandeis University where she teaches the Elementary Mathematics Methods course. Marcie taught middle school mathematics for thirty years and is a consultant and workshop presenter at the local and national level. Marcie was elected to the Massachusetts Mathematics Teacher Hall of Fame in 2018.

[Register online at www.msaa.net](http://www.msaa.net)

LEADERSHIP MATTERS

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