



MASSACHUSETTS SCHOOL  
ADMINISTRATORS' ASSOCIATION



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

## C.A.Ps. for Sale!

### *Blending the Content and Practice Standards in the Middle School Math Classroom*



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

**Thursday, March 7, 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](mailto:pd@msaa.net)

This workshop is designed for middle school teachers of mathematics who are committed to implementing the Massachusetts Curriculum Framework that requires incorporating the Eight Standards of Mathematical Practice into all activities. This highly participatory workshop will provide many and varied opportunities to dig deeper into the practices and see them come alive in rich, exciting and Common Core-aligned tasks. This workshop will allow teachers to wrestle with, discover, and dive into tasks in the content areas of Statistics and Probability, Ratios and Proportional Reasoning, Functions, and Expressions and Equations.

#### Participants will:

- Engage in BIG tasks and problems that align with the Eight Standards of Mathematical Practice as defined in the Common Core Standards.
- Discover and dive into the ingredients (bullet-points) that make up the recipes (titles) of the Eight Standards of Mathematical Practice.
- Engage in tasks that allow for differentiation.
- Learn how to incorporate math-talk and multiple solution strategies into your classroom so that students can discuss and see the practices in action.

**Marcie Abramson** is an adjunct professor at Brandeis University where she teaches the Elementary Mathematics Methods course to pre-service teachers as well as an exploratory mathematics course to undergraduates. Marcie taught middle school mathematics for 30 years and is currently a sought after consultant and workshop presenter at the local and national level. She has written numerous publications including *Painless Math Word Problems* (Barrons 2010, 2001.) 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



MSAA | 33 Forge Pkwy | Franklin, MA 02038 | 508-541-7997

