



MASSACHUSETTS SCHOOL
ADMINISTRATORS' ASSOCIATION



*An MSAA Professional Development Workshop for: Teachers of Mathematics
Grades 1-4, Special Education Teachers, Coaches, Mathematics Specialists, Principals,
and Assistant Principals*

Know Your Place! Grades 1-4

Digging into NBT's Place-Value Strategies and Tasks



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

Wednesday, October 24, 2018
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 examine the essence of place value and its importance as the foundation of number and whole-number operations. Teachers will dig into tasks and strategies that show how to better teach place value and place value computational strategies effectively and discover practical and creative tasks that can be used from the get-go. Teachers will engage in problems and tasks that allow the opportunity to see how the understanding of place value can lead to higher level understandings and applications of mathematics. Come ready to reason, draw, sing, read, and play with mathematical “tools and tasks” that you can use in your classroom tomorrow!

Participants will:

- Engage in rich activities that highlight the place value strategies and concepts that make up the NBT domain across the grades.
- Investigate varied place value models, structures, and tools to motivate and excite students to better understand place value and to recognize its application to computation of whole numbers.
- Discover how to differentiate math instruction using math stations, games, graphic organizers and more!
- Make and Take your own activities that you can use tomorrow in your classroom!

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



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