



MASSACHUSETTS SCHOOL
ADMINISTRATORS' ASSOCIATION



An MSAA Professional Development Workshop for: Teams of Secondary Teachers of Mathematics, Curriculum Leaders, Principals, and Assistant Principals

Engage in Mathematics in Career Areas: Creating Math-Related Lessons and Projects across Academic and Career Areas for Grades 9-12



Featuring *Delta Education* Presenter:
Dr. Polina Sabinin

Thursday, February 28, 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 workshop is designed to provide teachers in career and academic areas the space and support needed to create cross-disciplinary projects (or lessons) around mathematical concepts. After a brief overview of Backward Design and Universal Design for Learning, teachers will have time and support to collaborate on a project that they can implement in their schools.

The facilitator will provide support at every stage of the development process including content and frameworks analysis, formative and summative assessment, sources of resources, educational technology, and more. **Participants are asked to bring laptops to facilitate their work.**

Participants will:

- Develop a cross-disciplinary projects (or lessons) around mathematical concepts
- Use Backward Design and Universal Design for Learning to develop a unit of study
- Attend to "Standards for Mathematical Practice" and "Mathematical Teaching Practices"

Dr. Polina Sabinin is an Assistant Professor of Mathematics at Bridgewater State University. She is a faculty fellow at the Office of Teaching and Learning at BSU. Through her outreach at the Center for the Advancement of STEM Education at BSU, Polina works with in-service and pre-service teachers at all grade levels. Polina is also the state director for the international Math Kangaroo Olympiad. She is currently co-authoring *LogicGym*, a teacher's manual that introduces students to logic through an engaging visual game.

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

LEADERSHIP MATTERS

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