



MASSACHUSETTS SCHOOL
ADMINISTRATORS' ASSOCIATION



An MSAA Professional Development Workshop for: Grade 6-8 Classroom Teachers, Teacher Leaders, District Leaders, and Curriculum Leaders

Implementing the New Science and Engineering Practices through Productive Questioning



Featuring Seaside Educational Consultants Presenter: Paula Bransfield

Thursday, November 15, 2018
at the MSAA Office, Franklin

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

PD Hours: 6
Content Area: *Science and Technology/Engineering*

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

MSAA Contact: pd@msaa.net

The newly adopted science and engineering practices are essential elements of a middle school science and engineering curriculum. These eight practices are intended to be incorporated into the learning progression and not as a stand-alone. This workshop will focus on implementation of productive questioning strategies to seamlessly immerse students in these eight science practices.

Participants will:

- Take a deep dip into the eight science and engineering practices.
- Explore essential features of productive questioning: attention focusing, measuring and counting, comparison, action, and problem-posting.
- Determine which question to use and when.
- Engage in writing/rewriting productive questions.
- Model productive questioning pertaining to the practices in context.
- Compile a list of question starters to implement in the classroom.

Paula C. Bransfield, with her extensive STEM background, brings an important element to Seaside Educational Consultants. Her knowledge in creating and implementing STEM standards-based curriculum and creating and conducting STEM-infused professional development makes her an asset to any school district. In addition to modeling STEM inquiry best practices, she welcomes the opportunity to work with teachers, conducting classroom visits and providing feedback. Her work establishing partnerships with higher education institutions and other stakeholders has been invaluable to the districts she has worked with. Paula's passion of all things science makes her a valued consultant for Seaside.

Register online at www.msaa.net

LEADERSHIP MATTERS



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

