Mathematics & Mindset: Research and Strategies to Transform Mathematics Instruction and Learning

Hybrid Professional Development Course

June - October 2017

Tara McKenzie Trifiletti

ttrifiletti@braintreema.gov

Face to Face Meetings at Highlands Elementary - Total 3.5 hours

Wednesday, June 7th, 2017 3:30-4:30
Introduction & overview, logging into online account

Tuesday, October 17th, 2017 3:30-6:00
Reflections, lesson plan presentations, next steps for implementation

8 Online Modules to be completed at your own pace - Total 30 hours

- Goal: Complete 4+ modules by August 1st, 2017
- When you have completed all 8 of the online modules, you will need to obtain a Record of Completion form from Stanford and send a hard copy of page 1 only to Tara Trifiletti after you receive it. (more details to be distributed during the first face-to-face session)

Individual/Partner Collaboration Sessions - Total 4 hours

- Adapt and develop lesson plans for at least 4 open tasks to use with your students
- Select one of your tasks to present to colleagues during our last face-to-face session

Useful links:
- http://online.stanford.edu/course/how-to-learn-math
- www.youcubed.org
In this hybrid course offering, BPS educators will meet as a collaborative professional learning team to participate in the online course “How to Learn Math for Teachers” designed and taught by Dr. Jo Boaler, Professor of Mathematics Education at Stanford University. Participants will engage in activities and conversations centered on how the most current research about mathematics and mindset applies to our day-to-day instructional practices with K-12 students in the Braintree Public Schools and how it impacts student learning. Throughout the course, members of the group will complete a series of modules from the online course and will develop and present a lesson plan with a colleague featuring the knowledge learned during the online course. BPS faculty member Tara Trifiletti, Math Specialist at Highlands Elementary School, will facilitate the collaborative study group sessions.