



Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

Mindset Matters in the Math Classroom

A three-day workshop *with 2 credit option*

Facilitator: Karen Lehning, FWSU Math Teacher Leader

Target Audience: K-6 Math Instructors including special educators

This 3-day workshop will explore the impact of both teacher and student mindset on the math classroom. We will explore current research on growth mindset and how mindset impacts students' beliefs about mathematics.

We will dive into rich mathematical tasks and explore activities that will engage students in meaningful learning opportunities. Participants will leave this workshop with resources they can use to create a math classroom that supports a growth mindset.

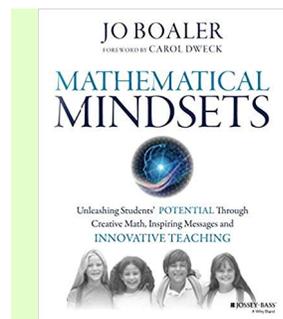
Participants will:

- Review research that support the implementation of practices that encourage a growth mindset in the math classroom.
- Evaluate and assess their own mindset to uncover beliefs and assumptions about mathematics.
- Design a series of activities that will move students toward a growth mindset.

*All participants should read **Mathematical Mindsets: Unleashing Students' Potential Through Creative Math, Inspiring Messages and Innovative Teaching** by Jo Boaler prior to the first meeting. It will be sent to you at your school shortly after registration. This book will provide the background for our work and participants will be digging into and discussing Boaler's research throughout the workshop.*

Participants taking it for 2 graduate credit: *In addition to attending the 3-day series & additional hours, you will be expected to create a growth mindset resource guide that can be used in your math classroom. The final resource guide will include a series of growth mindset activities and math problems what will be designed to shift students' mindset. Course participants will write a short reflection on their own shift in mindset as a result of the readings and course discussions. See syllabus online.*

About our facilitator: **Karen Lehning** is currently a math specialist at the Georgia Elementary and Middle School. After completing her graduate work through VMI, she became passionate about improving math instruction to meet the needs of all learners and taught undergraduate courses and workshops over the past seven years for both current and aspiring teachers of mathematics.



Dates:

June 23, 24, 25, 2020

*syllabus contains additional 2 credit course requirements, including 3 online asynchronous hours.

Hours:

9 -*3:30 pm

*4:30 if taking for credit (includes light breakfast & lunch)

Location:

Hampton Event Center
Colchester, VT

Cost:

CVEDC members \$540

Non-members \$640

*\$260 addtl. for 2 credits
(St. Michael's College)

Text: Boaler, J., & Dweck, C.s. (2015). **Mathematical Mindsets:** Unleashing students' potential through creative math, inspiring messages and innovative teaching.

To Register: www.cvedcvt.org

Questions? info@cvedcvt.org

Or call: 802-497-1642



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