



Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

Mindset Matters in the Math Classroom

A three-day virtual workshop *with 2 credit option*

Facilitator: Karen Lehning, FWSU Math Teacher Leader

Target Audience: K-6 Math Instructors including special educators

This 3-day online workshop will explore the impact of both teacher and student mindset on the math classroom through a series of synchronous and asynchronous activities including:

- Virtual whole group sessions (not to exceed 90 min./session)
- Individual worktime
- Wellness/Brain Breaks
- Virtual office hours available with the instructor.

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 will receive at home the book: **Mathematical Mindsets: Unleashing Students' Potential Through Creative Math, Inspiring Messages and Innovative Teaching by Jo Boaler** prior to the first meeting. This book will provide the background for our work and participants will be digging into and discussing Boaler's research throughout the workshop. Karen asks you to read/skim chapters 1 & 2 before the first session.

Participants taking it for 2 graduate credit: *In addition to attending the 3-day online 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.

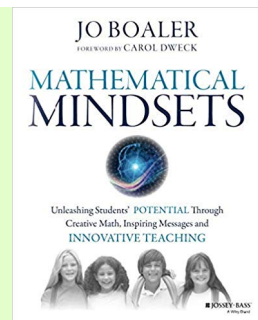
To Register: www.cvedcvt.org

Questions? info@cvedcvt.org

Or call: 802-497-1642



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All schools in Addison, Chittenden,
Grand Isle and Franklin Counties
are members.



Dates:

June 23, 24, 25, 2020

Hours:

9 -3:30 pm

*4:30 if taking for credit

Location:

ONLINE -Zoom platform

Cost:

CVEDC members \$400

Non-members \$500

*\$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.