



Vermont Mathematics Initiative Professional Development Offering Summer 2023

When and Where: June 26-28 in the Burlington, VT area.
Specific location TBD

Course includes four follow up sessions (held remotely) during the academic year.

Tuition: \$1750.00
Includes: 3 Graduate Credits; all materials; lunch

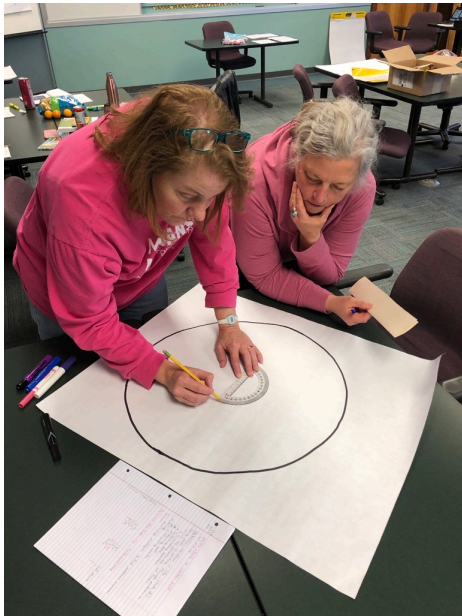
Instructors:

Fran Huntoon, VMI (franhuntoon@gmail.com)

Kristen Kavanagh, Elementary Teacher, South Burlington, VT

To register:

Click [here](#) or visit <https://www.surveymonkey.com/r/6M3XZHX> or contact Judi Laird (judi@vmimathematics.com)



MATHEMATICAL COHERENCE IN THE ELEMENTARY GRADES

Foundational Understandings for Students who Struggle

June 26-28, 2023

8:30-4:30

Current Vermont state achievement data indicate significant achievement gaps between students with disabilities and the general population. In order to make mathematics accessible to all students, educators need a strong mathematics background. To this end, *Mathematical Coherence in the Elementary Grades* is intended for PreK-6th grade teachers, special educators, and math interventionists to deepen their mathematical and pedagogical content knowledge essential for teaching students who struggle with mathematics.

This course is based on current research on the teaching and learning of early number concepts, additive, multiplicative and fractional reasoning. Teachers, special educators, and math interventionists will explore the mathematics content related to these topics, the intimate relationship among them, and the important pedagogical strategies and skills educational research suggests can have a strong impact on student learning. Emphasis is placed on teaching these important overarching mathematical ideas to students with special needs.