

# THE VERMONT INSTITUTES' MATHEMATICS SERVICES:

- △ Have deep **mathematical content** at the core
- △ Promote **reflective practice** based on evidence
- △ Develop participants' **equity strategies** to ensure that all students have opportunities to succeed

Dr. George Ashline of St. Michael's College, leads a mathematics course for elementary teachers



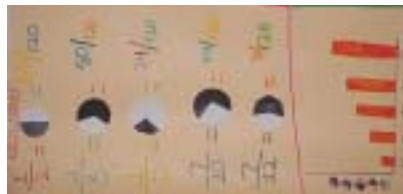
VI MATH PROGRAMS INCLUDE:

- Vermont Institutes' Mathematics Programs
- Vermont Mathematics Partnership
- Vermont Mathematics Assessment Networks

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I N S T I T U T E S  
*Equity and Excellence for all Students*

Dillingham Hall, 7 West Street  
Montpelier, VT 05602  
Phone: 802-828-0060



# MATHEMATICS

**Mathematicians and educators  
working in partnership  
to help all students  
succeed in mathematics**



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[www.vermontinstitutes.org](http://www.vermontinstitutes.org)  
[www.vermontmathematics.org](http://www.vermontmathematics.org)

# Mathematics Programs for Vermont Educators and Administrators

NEW

## Middle Level Mathematics

**Institute** Graduate courses in mathematics content and practice tailored to teachers of fifth–ninth grade students.

**Best Practices Institutes** For K–12 teachers of mathematics. Classroom follow-up services available. The Institute provides teachers with opportunities to experience and identify best practices in teaching mathematics: instructional practices identified by research that promote mathematical reasoning, discourse, inquiry, understanding and achievement by all students in all grades.

*Introductory courses for administrators also available.*

*My thinking about teaching has changed. I am now focusing my teaching on math reasoning. I am digging deeper into the concepts of math and how I can encourage understanding in my students rather than just trying to transfer information.*

— Best Practices Institute Participant

**School Audits** A comprehensive review of your school's mathematics teaching and learning to identify strengths and assess needs for professional development.

## Problem Solving and Assessment

**Networks** Professional development aimed at addressing the new Grade Level Expectations, strengthening problem solving and assessing student learning.

**Program Essentials** Mathematics content and pedagogy professional development designed to help K–12 teachers effectively utilize their standards-based programs.

**Mathematics Content Courses** In-depth studies of advanced mathematics topics designed by mathematicians and educators.



*"We were treated with utmost respect and thoughtfulness."*

802-828-1301  
[www.vermontinstitutes.org](http://www.vermontinstitutes.org)  
[www.vermontmathematics.org](http://www.vermontmathematics.org)

## We can tailor services to meet your school's unique needs



**Lenses on Learning** Training for supervisors of K–12 mathematics teachers. Participants experience and discuss the latest research-based instructional practices. Opportunities are provided to learn to use new supervision protocols with teachers to discuss outcomes, successes, challenges and next steps.

NEW

## Addressing Language Issues in the Mathematics Classroom

Courses and workshops designed to help K–12 teachers understand and address the language challenges students face comprehending and communicating mathematics.

These are some of the services available through VI. At VI, we are dedicated to serving educators in making sustainable, continuous improvements in programs and learning. Underlying all our work are the principles of leadership, equity, technology and assessment.

For more information, contact us at:  
[www.vermontinstitutes.org](http://www.vermontinstitutes.org)  
802-828-0060

