



Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

Fraction Reasoning in the Classroom: Ongoing Assessment and Instruction (OGAP) Instructors: Mary Abele-Austin and Karen Reinhardt



Fall/Winter 2016

Target Audience: Grades 3-8 Math Teachers and Teacher Leaders

This 3 graduate credit Fractional Reasoning Course is a professional development opportunity for teachers based on the cognitive research currently available on misconceptions and developing understandings for students in fractional reasoning.

Course Goals and Objectives:

- To provide familiarity with Common Core State Standards related to fractional reasoning
- To understand current research on student misconceptions and developing understandings of fractional reasoning
- To understand and use ongoing assessment strategies and tools for the purpose of making instructional decisions
- To examine materials and methods for teaching mathematics related to fractional reasoning
- To collaborate with colleagues to plan, deliver, and evaluate instruction
- To increase understanding of methods that allow teachers to meet the needs of a diverse population of students in the regular classroom
- To increase ability to examine student work to understand student knowledge and inform instruction
- To become familiar with gaps in program materials related to fractional reasoning research and plan for addressing them

Mary Abele-Austin works as a 5-8 math coach providing embedded professional development for classroom teachers in Chittenden East Supervisory Union. She is a trained facilitator for the Ongoing Assessment Project (OGAP) in Fractions, Multiplicative Reasoning & Proportionality.

Karen Reinhardt is a K-4 Math Coach and Coordinator in Chittenden East Supervisory Union. She is coordinating a Vermont PLN Lesson Study project, has taught Math Coaching Institutes and multiple graduate courses in teaching math and science. She is a trained facilitator for the Ongoing Assessment Project (OGAP) in Fractions, Multiplicative Reasoning and Proportionality



Dates:

Saturday

October 15 8 – 3 pm
and

Thursdays 4:00 pm –
8:00 pm

11/3, 11/17, 12/8, 12/15,
1/12, 1/26, 2/9, 2/23

Cost:

\$1100 CVEDC members

\$1200 non-members

includes the book: A
Focus on Fractions:
Bringing Research to the
Classroom, Routledge
Group

Location: Camels Hump
Middle School,
Richmond, VT

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.