



# 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



**Summer 2017**  
**New Start Date- June 21st**

**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:**

June 21-23, 2017  
8:00 – 4:30 pm  
August 17- makeup day  
added due to snow days

### **Plus:**

2 follow up dates  
Sept. 28 and Oct. 26  
3:30 – 6:30

### **Location:**

Camels Hump MS,  
Richmond, VT

### **Cost:**

CVEDC Members:  
\$825 w/out credit  
\$1200 w/grad credit\*  
Non-Members:  
\$925/\$1300\*

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

To Register: [www.cvedcvt.org](http://www.cvedcvt.org)

Questions? [info@cvedcvt.org](mailto:info@cvedcvt.org)

Or call: 802-497-1642



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