



Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

Simplifying Fractions! Summer 2019

Instructor: Betsy Allen, M.Ed., CAS

Target Audience: Teachers of Grades 3-8, special educators, and interventionists

This 3-graduate credit course will explore the learning progressions and the standards progression of the Vermont Common Core State Standards along with current research on how students develop a deep understanding of fractional concepts. Each participant will analyze student work to identify where students are on a learning progression, identify the common misconceptions, and then develop and plan next instructional steps. They will collaborate with other grade level teachers to strengthen and/or develop their fraction unit, including formative assessments and instructional strategies and lessons, with integrated technology.

Learning Outcomes

1. Participants will deepen their own content knowledge of fractions.
2. Participants will know and understand fraction content of the CCSS across grade levels and the shifts of content.
3. Participants will know the cognitive research about how children develop fractional concepts that is the basis for the learning progressions.
4. Participants will learn how to identify where students are on a learning progression and identify student misconceptions.
5. Participants will develop a variety of instructional strategies to promote student learning.
6. Participants will develop and/or strengthen a fraction unit of study and incorporate the use of formative assessments as an instructional strategy.
7. Participants will learn technology applications and games during the course so that they might incorporate them in their instruction.

Betsy Allen is the District Math Coach in Essex Westford School District. Prior to this, she graduated from VMI and coached math at Hardwick Elementary. Betsy represented Vermont in several Smarter Balance Assessment projects.

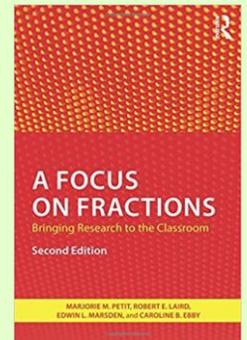
To Register: www.cvedcvt.org

Questions? info@cvedcvt.org

Or call: 802-497-1642



Are you a CVEDC Member?
All schools in Addison, Chittenden,
Grand Isle and Franklin Counties
are members.



Dates:

August 12-15, 2019

8:00 – 3:30 pm

Sept. 26 and Oct 10

4 – 7:00 pm

Location:

Montpelier HS,

Montpelier Roxbury SD

*Cost:

\$810 without credit

\$1200 with 3 grad cr.

through St. Michael's

*includes the text: Petit, M., Laird, R., (2015)
A Focus on Fractions:
Bringing Research to the
Classroom