

# OGAP Fraction Reasoning

**Instructor:** Jean Ward  
**Credits:** 2 Graduate credits from Castleton State College  
**Dates/Time:** 7/20/15 – 7/23/15 (8:00-4:00)  
**Location:** Bennington Rutland Supervisory Union (exact location TBD)

**Course Description:** The Ongoing Assessment Project (OGAP) is a systematic and intentional formative assessment system in mathematics based on mathematics education research on how students learn specific concepts, common errors students make, and preconceptions or misconceptions that may interfere with learning new concepts or solving related problems.

The system involves using OGAP knowledge and the OGAP Frameworks/learning progressions to:

- 1) Gather evidence about pre-existing knowledge through the use of a pre-assessment;
- 2) Analyze the pre-assessment to guide unit planning; and
- 3) Implement a continuous and intentional system of instruction, probing with instructionally embedded questions, and analysis of evidence in student work to make timely instructional modifications.

Participants will administer the OGAP pre-assessment to a class of students and bring the student work to the course. Analysis of this student work will be embedded in the OGAP Fractions sessions.

The text for the course will be: Petit, M., Laird, R., & Marsden, T. (2010). ***A Focus on Fractions: Bringing Research to the Classroom***. Petit, Laird and Marsden.

**Recommended for:** all teachers in grades 3-6 who haven't had OGAP Fractional Reasoning training within the past 5 years. This training is also recommended for special educators and all other teachers at the 3-6 level who are involved in mathematics intervention/support. Lunch is on your own.