

Essential Understandings Series (1cr)

Location: Lewis-Clark State College

Dates and Times: July 31 to August 4, 2017 (8:30 a.m. to 3:00 p.m.)

Instructor

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Course Description:

In this collaborative, inquiry-based course by engaging with mathematical tasks & videos teachers will explore the big ideas in each of the various Common Core Standards for Mathematics content domains for Kindergarten through 5th grade.

- Big Ideas in the Number and Operations in Base Ten (NBT) Standards - July 31
- Big Ideas in the Operations and Algebraic Thinking (OA) Standards - August 1
- Big Ideas in the Number and Operations – Fractions (NF) Standards - August 2
- Big Ideas in the Geometry (G) Standards – August 3
- Big Ideas in the Measurement and Data (MD) Standards – August 4

Course Objectives

1. Have an in-depth understanding of how to integrate the Standards for Mathematical Practice into tasks.
2. Understand at least 3 big ideas central to students' understanding for each CCSSM domain in K-5.
3. Deepen pedagogical content knowledge in the areas of Operations and Algebraic Thinking, Number and Operations in Base Ten, Fractions, Geometry and Measurement and Data.
4. Gain interest in follow-up sessions to collaborate in grade level cohorts throughout the year within a lesson study model.

Course Requirements:

One credit will be available for those who attend 3 sessions.

Course Grades

Attendees will be assigned a grade of "P" if they participate in three days of the workshop.
Attendees will be assigned a grade of "NP" if they cannot participate in three days of the workshop.