



Professional Development Event Workshop

Concrete-Representational-Abstract (CRA) Sequence of Instruction: Integers

Danielson Framework Component Connections:

D1: Planning and Preparation
1a and 1e

D3: Instruction
3a, 3b, 3c, and 3e

Visit www.ciu20.org/framework
for details.

Audience:

All Educators

Dates:

January 12, 2017

Snow date: January 23, 2017

Time:

9:00 a.m. to 3:00 p.m.

Location:

Colonial IU 20, Central Office

Cost:

No cost to attend.

Presenter:

Michell Ressler, CIU 20 Training
and Consulting Staff

Act 48:

5 hours.

For More Information:

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@ColonialIU20



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Description: This professional development opportunity will support teachers' learning and implementation of the Concrete-Representational-Abstract (CRA) sequence of instruction, a research-based instructional practice, for the topics of integers and equations. Teachers will experience CRA as both a teacher and a learner.

Teaching through a CRA sequence of instruction supports students' learning and understanding of mathematical concepts and procedures. The CRA sequencing of instruction is evidenced to be an effective instructional practice. Structuring consistent models and language across the representations is a key part of the planning and implementation process.

Learner Outcomes:

Participants will:

- Describe and model the components of the CRA sequence of instruction for computing with integers and solving equations.
- Understand the benefits of CRA across a multi-tiered system of supports.
- Develop skills necessary to instruct students on integers and equations using a CRA sequence of instruction.

Register:

CPETracker members may register at www.cpetracker.org. to view our cancellation policy, please visit: www.ciu20.org/cancellation. A \$25 fee will be assessed for each registrant who does not attend a no-cost event. **Registration deadline is January 5, 2017.**

Don't have a CPETracker account? Please fill out and return this registration form: www.ciu20.org/noncpetracker. There will be an additional \$20 administrative fee for NonCPETracker members requesting Act 48 hours. Form and applicable payment should be mailed to: CIU 20, 6 Danforth Drive, Easton, PA 18045.

Accessibility: Reasonable efforts will be made to accommodate individuals who have special needs as addressed by the Americans with Disabilities Act and who need assistance at this training. Contact: Gretchen Stoudt at gstoudt@ciu20.org or 610-515-6506.