



## About the Presenter:

Dan Sinclair is co-author of Perceptions, an intensive math intervention curriculum.

He has developed unique tools and instruction methods that provides physical representations to abstract math concepts. He is also the president of Teach 4 Mastery Inc., which publishes the Perceptions curriculum.

## When:

May 1, 2018  
8:30 a.m. – 3:30 p.m.

## Where:

CREC Van Dyke  
Conference Center  
55 Van Dyke Avenue  
Room 310  
Hartford, CT 06106

## Cost: \$200 per person

(Includes materials from Teach 4 Mastery: MasterPieces; MasterFractions; Blue Level Instruction Manual with 1 Year access to the Online Videos for the lessons in the Instruction Manual; Downloadable Fraction Recognition Cards and Game

For more information, please contact Mary Janet Candeias at 860-524-4022, or [mcandeias@crec.org](mailto:mcandeias@crec.org).

# Changing How Struggling Students Perceive Math:

## Developing Concepts Through the Use of 3-D Visuals and Manipulatives

### About the Workshop:

Research has proven that the best instruction for a student is explicit, systematic, and cumulative. Good instruction also uses tools that show clear representations that build understanding. Come join us for an intensive K-5 math intervention session for teachers to help you further develop your skills and change the way you perceive math!

This workshop will model proficient problem solving, simplify mathematical concepts and present processes concretely. The workshop will move through Number Sense (including issues related to subitizing), Place Value, Addition, Subtraction, Regrouping, Multiplication, Division and Fractions.

All material covered will be shown in a concrete, hands-on manner. Each participant will receive materials and tools to immediately implement learned strategies. Participants will have new skills, language patterns, and presentation methods to reach their students to move beyond counting and into higher level concepts.

### Learning Outcomes:

Each participant will leave the session with:

- Clearly illustrated examples, models, and strategies to return to the classroom and use immediately.
- An understanding of how to better reach students struggling with visual and spatial skills related to mathematical concepts.

### Register online at [www.crec.org/tabs/events](http://www.crec.org/tabs/events)

Registration deadline is April 10, 2018

### Additional professional development opportunities:

#### Alternate Math Calculation Strategies for Special Education Teachers (Grades 3-8)

November 3: 8:30 a.m. – 3 p.m.

#### Developing Tier 2 and Tier 3 Reading and Math Intervention Protocols

November 13: 8:30 a.m. – 3 p.m.

### Feedback from the Spring 2017 session:

*"I think these manipulatives will help build my students understanding of numbers and promote mathematical thinking in an engaging way."*

*"It has increased my repertoire of skills to reach out to struggling learners."*