

# Cultivating Math-Mindedness in ALL Students with Janet Moore

Join us as we reimagine mathematics instruction and explore strategies for building an intuitive understanding of math concepts from Kindergarten through High School. By recognizing common threads and making connections between math standards across grade levels, we can become better mathematics educators and help ALL of our students discover just how "math-minded" they can be.

## In this session, participants will:

- Experience several examples of using a C-R-A (Concrete-Representational-Abstract) progression for teaching mathematics concepts at all grade levels
- Explore simple, yet powerful tools that provide a concrete foundation for building student understanding of challenging mathematics concepts
- Use K-12 strategies of composing and decomposing to make sense of traditionally challenging concepts in later grades (such as fractions and decimals, expressions and equations, and area and volume)
- Decode and reinterpret commonly misunderstood standards at various grade levels
- Trace the learning progression of concepts (such as fractions, multiplication and division) from elementary school through high school, and identify opportunities for making connections between student prior knowledge and new mathematical content



Janet Moore is passionate about encouraging students to be curious, inspiring them to explore, and empowering them to experience success in mathematics and science. After teaching mathematics at Bureau Valley High School, Janet Moore became Lead Flight Director of the Challenger Learning Center in Bloomington, Illinois where she led students on simulated space missions, developed STEM curriculum materials, and provided professional development for teachers

## 3 locations and Dates

**1/29/20:** IEA Professional Development Center  
Springfield, IL  
8:30am-3:00pm

**4/16/20:** NIU Naperville  
Naperville, IL  
8:30am-3:00pm

**5/7/20:** Southern Illinois University, Carbondale  
Student Center  
Carbondale, IL  
8:30am-3:00pm

Registration includes:  
Six PD hours, Continental Breakfast, Parking  
Lunch is on your own



Can't attend these dates? Contact Ryan Nevius at IL ASCD 618-203-3993 or [rcneviu@me.com](mailto:rcneviu@me.com)

Illinois ASCD is CPS Approved Provider # 24595

[www.ILASCD.org](http://www.ILASCD.org)



**Cultivating Math-Mindedness**

January 29, 2020 - IEA Professional Development Center, 3440 Liberty Dr, Springfield, IL 62704  
April 16, 2020 - NIU Naperville, 1120 E Diehl Rd, Naperville, IL 60563  
May 7, 2020 - SIU Student Center, 1255 Lincoln Dr, Carbondale, IL 62901

Organization/School

Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Name/Position: \_\_\_\_\_

Email: \_\_\_\_\_

IL ASCD Membership # \_\_\_\_\_ IEIN # \_\_\_\_\_

Name/Position: \_\_\_\_\_

Email: \_\_\_\_\_

IL ASCD Membership # \_\_\_\_\_ IEIN # \_\_\_\_\_

**If you need to add more names, please duplicate this registration form.**

Early Bird (Til 9/15/19) ___\$125	IL ASCD Member ___\$150	1 Person Each ___\$198*	2 People Each ___ \$178**	3 People Each ___\$168**	Full-Time Student/ Retiree ___\$98
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\* Includes IL ASCD Membership

\*\* 2 or more attendees from the same school district/organization. Does not include membership. (Call for info on larger team discounts 618-203-3993)

Conference Fees: \$ \_\_\_\_\_

IL ASCD 1 year Membership Fee (add \$49) \$ \_\_\_\_\_

Total Registration Fees \$ \_\_\_\_\_

**I will attend:**

Jan 29 IEA \_\_\_\_\_

Ap 16 NIU N. \_\_\_\_\_

May 7 SIU \_\_\_\_\_

**Registration deadline is one week prior to the event .** A \$15.00 fee will be charged for cancellations made in writing prior to the deadline. No refunds will be given after the deadline. Confirmation will be sent via e-mail after your registration is processed. Registrations can be transferred to another individual by faxing information to 309-438-5364 or by emailing dscowde@ilstu.edu

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**How to register:**

**Online:** Use your Visa, MasterCard, Discover, or American Express card at www.Illinoisascd.org

**Call:** 800-877-1478 or 309-438-2160,

Mon. - Fri. 8:00 a.m. - 4:30 p.m. and use your Visa, MasterCard, Discover, or American Express.

**Mail:** Send completed form with check or copy of PO to: **IL ASCD Janet Moore**— Illinois State University, Conference Services, Campus Box 8610, Normal, IL 61790-8610.

**Fax:** Fax completed form to 309-438-5364 using your Visa, MasterCard, Discover, or American Express or a copy of school P.O.

**Payment Information:**

(Payment or purchase orders MUST accompany registration form)

\_\_\_\_Check made payable to Illinois State University enclosed

\_\_\_\_Purchase order ENCLOSED. Purchase order #: \_\_\_\_\_

\_\_\_\_Charge Credit Card: \_\_Master Card \_\_Visa \_\_ Am/Ex \_\_Discover  
Account Number

Expiration: (Month/Year MM/YY) \_\_\_\_\_ and 3 Digit CVV code \_\_\_\_\_

Name on Card \_\_\_\_\_