

Teaching Math Virtually or Even Face to Face

**KINDER -
GRADE 2**

**Self Paced learning modules - WHEN you have time to learn
Open Access between September 28-January 4**

Learn:

- How to adapt commonly found math manipulatives so that students and their caregivers can do the activities at home.
- How to close the achievement gaps and rebuild the months of learning students have lost due to Covid 19
- How to differentiate the games to meet the wide range of student needs in your classroom
- How to develop math journals to help capture student work
- How to use games for assessment purposes in virtual or in-person teaching settings

MODULE ONE

You will see many student samples and receive concept skills checklist to help with observation and assessment.

Shuffling into Math

Come prepared to play and learn our favorite games that use an easy to find deck of playing cards and a pair of regular dice. Card games are great to use in your virtual or in-person teaching, easy to differentiate and use for assessment. Including:

- Fact Fluency strategies for addition and subtraction including doubles, make 10 and 20, commutative and associative properties, count on & back, mental math
- Double digit addition and subtraction - strategies for composing, decomposing, using number lines
- WHAT TO BRING - Deck of cards, one pair of regular dice, PDF of Handout

MODULE TWO

You will see many student samples and receive concept skills checklists to help with observation and assessment.

Primary Place Value Games

Number lines, cards, regular dice and place value dice (optional) are easy to find, versatile and great for teaching many PV concepts at the primary level. Come prepared to play and learn our favorite games and activities for these important, foundational place value concepts:

- Using benchmark 10, 100's on a number line
- Identifying place value 10's 100's 1,000's
- pattern counting 10's, 100's
- Laying the foundations for rounding and expanding concepts
- composing/decomposing numbers
- addition and subtraction of multiples of 10, 100
- WHAT TO BRING: deck of cards, 6 regular spotted dice, 0 - 100 #line, 0 - 9 place value dice (optional) PDF of handout

MODULE THREE

You will see many student samples and receive concept skill checklists to help with observation and assessment.

Rolling into Fact Fluency - Primary Dice Games

Regular spotted dice are one of the most versatile and easiest of math manipulatives to use whether you are teaching virtually or in-person with social distancing. Come prepared to play and learn many games that teach the following concepts:

- operational fluency and mastery of basic facts
- subtraction concepts
- Commutative & associative properties
- Make 10, 20, +9 and -9
- Doubles, doubles + 1, doubles - 1
- Count on & Back Strategies - Mental Math
- BRING: 7 regular dice, ruler, 9 Place value Dice

MODULE FOUR

You will see many student samples and receive concept skill checklists to help with observation and assessment.

Oh the Math They'll Know - Pre K & Kinder Games & Activities

The games are perfect for Pre K - K but they also can provide meaningful practice for older students and reteach to rebuild missing concepts for students who may have gaps in their understanding due to multiple reasons, including COVID. Games and activities work on the following concepts:

- Counting and 1 - 1 correspondence; Subitizing
- comparing numbers and <, > and = to
- odd and even
- count on and back, number sequencing
- doubles and doubles plus 1; Make 5, 10, 20
- Building simple bar graphs

MODULE FIVE

You will see many student samples and receive concept skills checklists to help with observation and assessment.

Primary Domino Math Games

Dominoes are one of the most versatile and easiest math manipulatives to use whether you are teaching virtually or in person: great for small groups or solitaire. Families love dominoes as well - share with PARENTS.

- numeration, subitizing and patterning
- place value to 100, 1,000; graphing
- operations - basic facts & operational fluency
- double-digit addition and subtraction
- make 10, commutative and associative properties of addition
- problem solving and probability
- BRING: set of double-six dominoes, pair of regular spotted dice, ruler, 1 - 100 number line



Session Structure

All modules are hands on sessions. Participant will be asked to have on hand commonly found manipulatives like dice of a deck of cards, so that they can try all the games and activities. Each module will have an extensive PDF handout that will contain games, assessment checklists and student gameboards that can be used in their teaching.

The modules do not have to be viewed in any particular order.

PRESENTED BY
JANE FELLING



Jane Felling is the author of the award winning Box Cars and One-Eyed Jacks series and has been a leader in the area of games as a teaching strategy for over 30 years. She has been a featured speaker at the National ASCD Teaching Excellence and National conferences, National NCTM and Regional conferences as well as hundreds of state conferences. She has worked with many districts across North America during her consulting career. Her research for her masters was in the area of games and teaching strategies and she continues to teach K - 8 and special education as part of her contracts. She is passionate about helping teachers with implementing engaging and effective teaching strategies and is known for her high energy presentation style.

Jane Felling: Teaching Math Virtually, Grade K-2
5 self paced modules -
Open access September 28- January 4



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

Member IL ASCD	1 Person	2 People	3 People	Full-Time Student/Retiree
Per head	Per head	Per head	Per head Per head	
---\$150	---\$199*	---\$179**	---\$169**	---\$109

Contact Ryan Nevius at 618-203-3993 for district and school rates.

Conference Fees \$ _____

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

Total Registration Fees \$ _____

* Includes IL ASCD
Membership

** 2 or more attendees from the same school district/organization.
Does not include membership.

Registration deadline is December 18, 2020. 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

Payment Information:

(Payment or purchase orders MUST accompany registration form)

____ Check made payable to Illinois State University enclosed

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____ Charge Credit Card: __Master Card __Visa __ Am/Ex __Discover
Account Number _____

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

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How to register:

Online: Use your Visa, MasterCard, Discover, or American Express card at <http://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 Jane Felling: Grade K-2**— 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.