Attend LIVE sessions AND/OR have EXCLUSIVE access to the recordings until May 1, 2026!

Digital

NUMBER SENSE SUMmit

HILTY CONSULTING

Kappel Consulting

June 10, 11, & 12, 2025

MakingMathMakeSense.org

PARTICIPANT TAKE AWAYS

EXCLUSIVE ACCESS to over 10 Hours of recorded Professional Development PER DAY

Online access to a variety of digital resources

Certificate for 10 hours of professional development PER DAY

Attend LIVE sessions **AND/OR** watch recordings until May 1, 2026

Day 3 features Kristin & Emily's Daily Number Sense Routine! From beginner to expert, there's something for everyone!

@MakingMathMakeSense

@MakeMathMeaningful

Graduate Credit

Earn up to 2.5 **graduate semester hours** through the University of San Diego!

$79 per semester hour

Click here to register

Graduate **transcript** will be issued **free** of charge

Requirement--attend/watch the Digital Summit sessions & submit certificate of attendance

SUMmit Schedule

Tuesday, June 10, 2025

June 10--1st Session 10:00-11:15 Eastern Time

1. (K-5) The Importance of Math-ish Responses
2. (K-5) Modernizing the Math Block

June 10--2nd Session 11:30-12:45 Eastern Time

3. (K-2) Conceptual Understanding > Tips & Tricks
4. (3-5) Place Value...Do Students Truly Understand?

June 10--2nd Session 1:00-2:15 Eastern Time

5. (K-2) Playing Around with Dominoes, Dice & Cards
6. (3-5) Conceptual Understanding > Tips & Tricks

June 10--BONUS Session 2:30-3:00 Eastern Time

Ask the Experts!

Wednesday, June 11, 2025

June 11--1st Session 10:00-11:15 Eastern Time

7. (K-5) Number Bonds, The Number Sense Thread
8. (K-5) Making Data Analysis Personal

June 11--2nd Session 11:30-12:45 Eastern Time

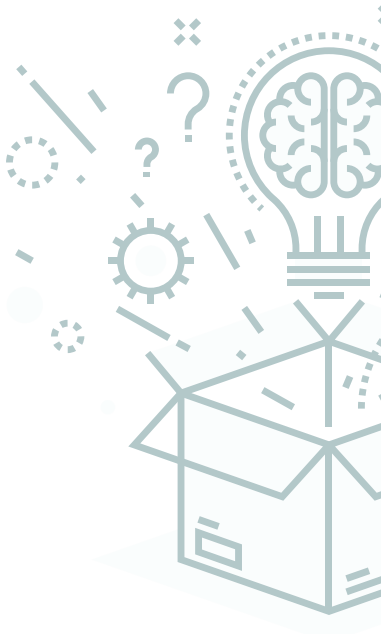
9. (K-2) Taking the "Numb" Out of Number Sense
10. (3-5) AREA--Algebra, Reasoning, Expressions, & Application

June 11--3rd Session 1:00-2:15 Eastern Time

11. (K-2) Making the Most of Morning Math Tubs
12. (3-5) Playing Around with Dominoes, Dice & Cards

June 11--BONUS Session 2:30-3:00 Eastern Time

Ask the Experts!



SUMmit Schedule

Day 3: Daily Number Sense Routines

Kristin & Emily designed day 3 to focus on all aspects of the Daily Number Sense Routine. All sessions are geared for those who are new to this idea as well as those who are already implementing in their classrooms. We will cover directions for each component as well as ways to extend and adapt the activity throughout the year.

Thursday, June 12, 2025

June 12--1st Session 10:00-11:15 Eastern Time

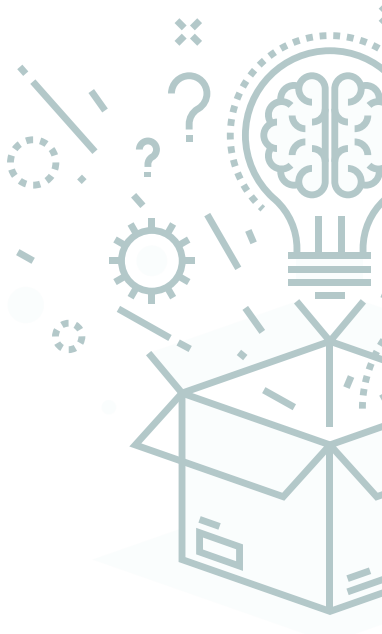
1. (K-5) DNSR for Beginners
2. (K-5) Counting On the Counting Tape

June 12--2nd Session 11:30-12:45 Eastern Time

3. (K-2) Days in School Develop Place Value
4. (3-5) Depositing Daily Delivers Results!

June 12--2nd Session 1:00-2:15 Eastern Time

5. (K-2) Money & Time Made Easy
6. (3-5) A Fraction A Day Keeps the Tutor Away



SUMmit Course Descriptions

June 10, 2025

K-5: The Importance of Math-ish Responses Kristin Hilty
Number sense…what does it mean? Do your students have it? How do you work on developing it? Let's take a deep dive into the importance of having students develop "ish" responses to questions before solving for an actual answer. You'll be surprised at how quickly your students' number sense skills skyrocket after using this simple yet powerful approach.

K-5: Modernizing the Math Block Emily Kappel
Teaching in 2025 is very different than it was teaching in 2005. So many things have changed, and how we approach teaching and learning mathematics must also change. Today, our students need different skill sets that focus on critical thinking, sense-making, and reasoning. Learn little changes you can make to your math block to help today's students learn how to think and act like a mathematician.

K-2: Conceptual Understanding > Tips & Tricks Emily Kappel
Have you "tried it all," and your students still don't get it? Are you going home at the end of the day exhausted while your students are still going home full of energy? Do you complain that your students don't get it even after you've taught them all the songs, jingles, and tricks? Learn why and how we need to build problem solvers who understand the math and can apply their thinking to new problems.

3-5: Place Value…Do Students Truly Understand? Kristin Hilty
Subtraction with regrouping…what is it that students don't understand? It's not the subtraction--it's the place value! Place value is more than a two-week unit in the front of the book! It is the basis of computation, estimation, rounding, and number sense. Come fill your math toolbox by taking a deep dive into the place value standards and exploring the progression of how to teach it from two-digit whole numbers through fractions.

K-2: Playing Around with Dominoes, Dice, & Cards Kristin Hilty
Who knew dominoes, dice, & cards could be used to teach so many areas of the curriculum? Come play and learn as you explore games for developing early numeracy, fluency, and place value. Leave with game boards, student examples, and journal ideas perfect for centers as well as whole-class and small-group instruction.

3-5: Conceptual Understanding > Tips & Tricks Emily Kappel
Have you "tried it all," and your students still don't get it? Are you going home at the end of the day exhausted while your students are still going home full of energy? Do you complain that your students don't get it even after you've taught them all the songs, jingles, and tricks? Learn why and how we need to build problem solvers who understand the math and can apply their thinking to new problems.

Bonus Session K-5: Ask the Experts Kristin Hilty & Emily Kappel
You have questions, and we have answers! Join us at the end of the day to ask your most pressing math questions. Kristin and Emily will both be on hand to provide answers. We will ask for questions to be submitted ahead of time, but we will also take live questions.

SUMmit Course Descriptions

June 11, 2025

K-5: Number Bonds, The Number Sense Thread Kristin Hilty
Number bonds. You've probably heard of them, maybe even seen them used in primary grades, but have you ever experienced how to work with them from kindergarten through middle school? Yes, that's correct; this powerful tool is a thread that connects very early numeracy concepts up to algebraic relationships. Join me in this session as we use number bond workmats to learn how you can utilize this strategy across various domains and grade levels to build conceptual understanding and fluency alongside procedural fluency.

K-5: Making Data Analysis Personal Emily Kappel
We live in a very data-driven world, yet when we map our standards, we save our data standards until the end of the year and typically use data that means nothing to our students. Learn how you can make data analysis personal, meaningful, and full of sense-making all throughout the year!

K-2: Taking the "Numb" Out of Number Sense Kristin Hilty
Discover activities and games to help children build a strong understanding of numbers in the early years. Help children visualize the math they are learning and using, preparing them to add more challenging math concepts later that build on a solid foundation of numeracy. Learn proven methods to avoid rote memorization of rules and math facts, and instead develop mathematical thinkers who are set up for success in the early grades and beyond.

3-5: AREA--Algebra, Reasoning, Expressions, & Application Emily Kappel
Learn how the area model can lead our mathematicians to a strong sense of Algebra (Using area models to visualize multiplication & division), Reasoning (Developing logical thinking through visual representation), Expressions (Using the area model to simplify and solve expressions), and Application (Applying the area model to solve real-world problems in math). You'll be blown away by the level of comprehension of students who can use this simple yet complex idea across multiple domains.

K-2: Making the Most of Morning Math Tubs Emily Kappel
Looking for a way to make math more engaging? Fun? Exploratory? Learn how to give your students a slow yet strong start to the day that will pique their interest in mathematical concepts, tools, and tasks.

3-5: Playing Around with Dominoes, Dice, & Cards Kristin Hilty
Who knew dominoes, dice, & cards could be used to teach so many areas of the curriculum? Come play and learn as you explore games for developing fluency, place value, multi-digit operations, and fractions. Leave with game boards, student examples, and journal ideas perfect for centers as well as whole-class and small-group instruction.

Bonus Session K-5: Ask the Experts! Kristin Hilty & Emily Kappel
You have questions, and we have answers! Join us at the end of the day to ask your most pressing math questions. Kristin and Emily will both be on hand to provide answers. We will ask for questions to be submitted ahead of time, but we will also take live questions.

SUMmit Course Descriptions

June 12, 2025

K-5: DNSR for Beginners Kristin Hilty
Are you wondering what a Daily Number Sense Routine is? Kristin and Emily have created and shared daily routines that highlight essential standards, are enriching, teach critical-thinking strategies, and promote student-centered learning. Learn how to implement this 10-15 minute daily routine and watch your students' number sense in your classroom take off!

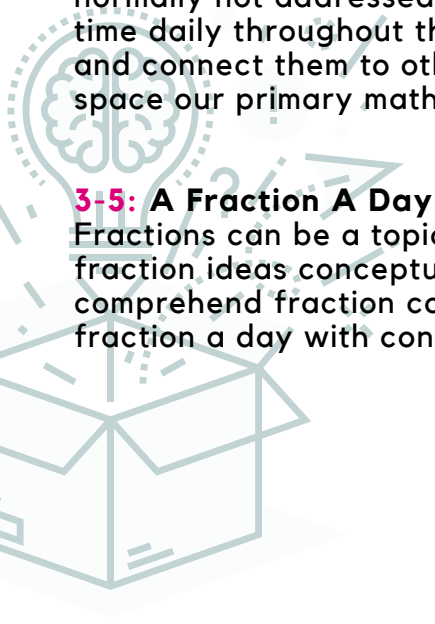
K-5: Counting On the Counting Tape Emily Kappel
Already familiar with our DNSR? Let's take a deeper dive into the counting tape. This component is used in K-5 to support using number lines and number charts. Come learn how to create them day by day so students build a solid foundation of how they work and can then use them as part of their math toolbelt. We will explore new ideas to elevate the routines you've already established.

K-2: Days In School Develop Place Value Emily Kappel
Place value is a pivotal part of teaching number sense to our young mathematicians. Come experience how you can build a solid foundation in number sense one day at a time in your primary classroom.

3-5: Depositing Daily Delivers Results! Kristin Hilty
Do you have students that lack some basic number sense skills? Not sure how to teach all of your NBT and OA standards interwoven and not in silos? This 5-minute routine will build your students' foundational skills below, at, or above your grade level standards.

K-2: Money & Time Made Easy Kristin Hilty
Money and time are typically taught in the last third of the year in each grade level and normally not addressed for another 12 months. Learn how to build money and the basics of time daily throughout the year so your students can understand these ideas conceptually and connect them to other topics. The slow and methodical approach allows for the time and space our primary mathematicians need to comprehend these concepts.

3-5: A Fraction A Day Keeps the Tutor Away Emily Kappel
Fractions can be a topic that is a gatekeeper for many of our students. When we approach fraction ideas conceptually, methodically, and through visuals, students can easily comprehend fraction concepts. We will no longer wait until our fraction unit; we will tackle a fraction a day with conversation and curiosity, building day upon day.



SUMMING IT UP WITH DETAILS

+DATES

June 10, 11, & 12, 2025
10:00 AM - 3:30 PM **ET**

+ONLINE EVENT

The Digital Number Sense Math SUMmit will take place over the Zoom platform.

+REGISTRATION

Registration fees for the Digital Number Sense Math SUMmit are as follows:

- **ALL** 3 days $325
- Advanced & Accelerated Members receive a 10% discount
- School rates are available, contact Kristin at HiltyConsulting@gmail.com for details

Price includes live attendance to four of seven offered sessions per day, course materials, access to digital takeaways, and EXCLUSIVE ACCESS to recordings of all daily sessions until May 1, 2026.

+CONFIRMATIONS

Confirmations with log-in instructions will be emailed **twenty-four hours before** the SUMmit.

+CANCELLATION

Registrations are transferrable. Cancellations received at least 10 days in advance will receive a refund less a $25 fee. No refunds within 10 days.

+PROFESSIONAL DEVELOPMENT

Certificates of attendance will be issued for 10 hours of professional development per day to participants.

Certificates will be emailed out after the final date of the SUMmit.

Register for up to 2.5 semester hours of graduate credit through the University of San Diego!

click here for

ONLINE registration

ADD US TO YOUR SUMMER SCHEDULE

LEARNING. COLLABORATION. LOCATION.

INSTRUCTORS

Kristin incorporates over 25 years of teaching experience, with a concentration in mathematics and a background in special education, into her idea-packed trainings. She uses her classroom experience to provide practical insight to support teachers in addressing the shifts needed to transform their instruction and enhance student learning. Her breadth and depth of mathematical and instructional knowledge allow her to deliver results-driven professional development that is not only grounded in theory and best practices but is based on what works in the classroom. Kristin's passion for empowering both teachers and students drives her to share the effectiveness of developing a community of mathematical thinkers in the classroom and leaves teachers revitalized and eager to implement her ideas.

Emily has over 20 years of experience in the classroom and an enthusiasm for teaching math. Having taught two years of Algebra I at the high school level and fifteen years of math at the elementary level, she knows the progression of the math standards across the grade levels. She believes that "Math Talk" , "Math Language", and conceptual understanding are key pieces missing in most math classrooms. Because of this, she has a passion for helping teachers embed these ideas into their lessons while spreading the word that math is everywhere in everyday life. Her emphasis is teaching audiences to make the shift from "How?" to "Why?" so students don't just "do" math for procedural understanding, but they show a deeper conceptual understanding which develops children to become mathematical thinkers. Emily's goals are to encourage teachers and students to THINK FREELY AND FLEXIBLY and to make learning math meaningful for both teachers and students.