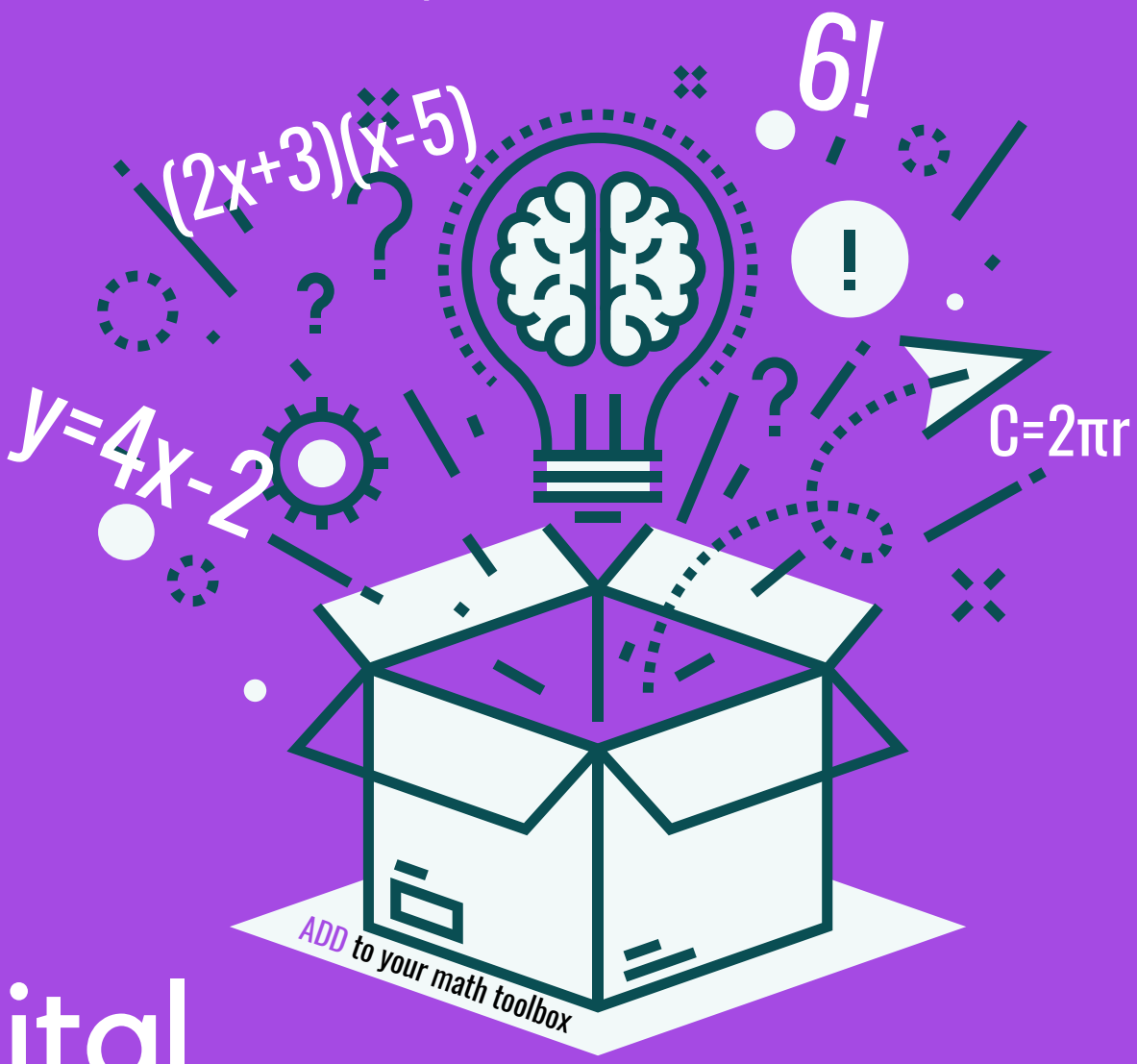
Attend LIVE sessions AND/OR watch the recordings until May 1, 2025!



Digital MATHEMATICS SUMmit

Kappel Consulting, LLC

MATH 6- ALG 1

Thursday, June 6, 2024

MakeMathMeaningful.com

PARTICIPANT TAKE AWAYS

12 Hours of recorded Professional Development

Online access to a variety of digital resources

Certificate for 12 hours of professional development

Attend LIVE sessions **AND/OR** watch recordings until May 1, 2025

box cars and one-eyed jacks

Game products can be purchased at https://boxcarsandoneeyedjacks.com/

@MakeMathMeaningful

Graduate Credit

Earn graduate credit through Teacher Friendly.
1 graduate credit for 15 contact hours for **$79 per semester hour**

Teacher Friendly information link is available here.

SUMmit Schedule

Thursday, June 6 , 2024

June 6--1st Session 10:00-11:15 Eastern Time

1. (6- Alg. 1) Teaching with Desmos
2. (6- 8) CPA: What? Why? How?

June 6--2nd Session 11:30-12:45 Eastern Time

3. (6- Alg. 1) Building Number Sense with Visual Patterns
4. (6- Alg. 1) Geometry & Measurement... All Year Long

June 6--3rd Session 1:00-2:15 Eastern Time

5. (6- Alg. 1) Game-ify Lessons to Increase Engagement and Success
6. (6- Alg. 1) *Building Thinking Classrooms*: How to Create an Environment to Raise Student Engagement

June 6--4th Session 2:30-4:00 Eastern Time

7. (6- Alg. 1) *Building Thinking Classrooms*: Putting The 14 Practices to Work
8. (6- Alg. 1) Knock Engagement Out of the Park with These Homerun Quick Hitters

SUMmit Course Descriptions

Thursday, June 6, 2024

6-Alg. 1: Teaching with Desmos Bob Batty
Do you Desmos? Expand your skills using the Desmos graphing calculator as a problem solving tool. This session focuses on using Desmos as a dynamic instructional tool. Teachers will learn how to effectively integrate calculator activities into your lessons, fostering deeper understanding and engagement among students. Participants will have the opportunity to explore the many uses of the graphs in this virtual session. Teachers will walk away with a better understanding of the Desmos system and several resources to use right away in the classroom.

6-8: CPA: What?, Why?, & How? Emily Kappel
You hear people talk about using manipulatives, but where do you start? Do you have tubs of these "math tools" in your room & aren't quite sure how to manage & use them to teach math? Let's walk through these tubs together and learn how you can utilize a CPA approach to your math instruction to build a stronger conceptual understanding as you build student engagement.

6-Alg. 1: Building Number Sense with Visual Patterns Bob Batty
Expand your teaching repertoire with new ways to create daily number sense routines that are fun and exciting for you and your students. Explore how to carefully design learning opportunities that are enriching, teach critical strategies, and promote student-centered learning. Watch your students' number sense in your classroom take off!

6-Alg. 1 : Geometry & Measurement... All Year Long! Emily Kappel
Do you end up teaching all of your geometry and/or measurement standards all at once and near the end of the school year? Frustrated as your students get their formulas all mixed up and can't problem solve how to think about 3D figures contextually, find area, surface area, volume or work with the coordinate grid? Come to this session and find out how you can teach your geometry and measurement standards in under 5 minutes a day.

6-Alg. 1: Game-ify Lessons to Increase Engagement and Success Erin O'Dell
Transform your everyday lessons/resources into motivating, engaging, collaborative games with little prep! Walk away from this session with everything you need to game-ify your classroom all year long.

6-Alg. 1:Building Thinking Classrooms: How to create an environment to raise student engagement Emily Kappel
Do you find that engaging students in math class is tougher and tougher? Are you doing 90% of the talking during math class? This session explores and touches on some of the big ideas from the popular book, *Building Thinking Classrooms* and how you can incorporate them into your classroom starting on day 1 of the school year. You will definitely walk away with ideas you are ready to incorporate!

6-Alg. 1: Building Thinking Classrooms: Putting The 14 Practices to Work Erin O'Dell
Learn how math teachers are implementing Peter Liledahl's *Building Thinking Classrooms* practices and start building your own toolkit! From tasks to notetaking to homework and what we choose to evaluate and how, let's build a thinking classroom.

6-Alg. 1: Knock Engagement Out of the Park with These Homerun Quick Hitters Emily Kappel
We all know that math discourse is vital for our middle school age students. But what does that discourse currently look like in your classroom? In this session you will discover multiple quick and easy, ready-to-go activities that will have your students talking and using math vocabulary with a purpose. Be prepared, math discourse is about to be taken to a new level with your students!

SUMMING IT UP WITH DETAILS

+DATE

June 6, 2024
10:00 AM - 4:00 PM **ET**

+ONLINE EVENT

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

+REGISTRATION

Registration fees for the MS Mathematics SUMmit are as follows:

- 1 day $ 100

Price includes live attendance to four of eight offered sessions per day, course materials, access to digital takeaways, and recordings of all daily sessions until May 1, 2025.

+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 12 hours of professional development per day to participants.

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

click here for

ONLINE registration

ADD US TO YOUR SUMMER SCHEDULE

LEARNING. COLLABORATION. LOCATION.

INSTRUCTORS

Emily has 19 years of experience in both the classroom and as a math coach/consultant. She has an enthusiasm for teaching math. With a certificate to teach math in grades 4-9 and 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.

Bob is a passionate and dedicated math specialist for the Midwest Regional ESC who leans on his 26 years of experience in education to work to foster a deep understanding and enthusiasm for mathematics in students and teachers.
Bob has demonstrated a deep commitment to professional learning and resource sharing. He has been a regular presenter at the Ohio Council of Teachers of Mathematics conference as well as many other events across the state and region. Bob is focused on supporting teachers to elevate student voice and discourse in the mathematics classroom.
In addition to sharing his passion for mathematics Bob has been an advocate for developing teachers and leaders in Ohio. He served as the OCTM nominations chair for several years and is currently Co-leading the Ohio Math-Science Supervisors network. Bob believes that math is everywhere and everyone can find joy in its discovery.

Erin just finished her seventeenth year with Beavercreek City Schools where she currently serves as a middle school math instructional coach. Erin started her career teaching sixth grade math, enjoyed three years teaching Design Thinking, and two years teaching fourth grade math before going into instructional coaching. Erin's number one goal in instructional coaching is sharing what's needed and what's new in the world of math instruction in a way that teachers can easily implement in their classrooms the very next day. Erin loves walking into math classrooms where students are collaboratively problem solving and sharing their thinking verbally and visually. Erin's passion for creating, sharing, and supporting engaging math instruction is evident in her infectious enthusiasm for all things math and classroom teaching.