



COLUMBUS STATE
UNIVERSITY

NOTES 2 NERDS

The official newsletter of the Math Collaborative



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Our Mission:

The CRMC's mission is to improve math education for all students in our area by developing teacher leaders through deepening their content knowledge, developing best practices, and using available resources to improve student outcomes and experiences.



To do this, we must:

Provide quality teacher growth experiences through continuous collaboration - in and out of the classrooms - with a focus on teachers' needs in support of student growth.





DIRECTOR'S NOTES

by Peter Anderson, CRMC Director

NEW CURRICULUM, NEW SCHOOL YEAR, THE MATH COLLABORATIVE IS HERE!

Excitement, butterflies, dread, anticipation, worry, and joy are just a few of the emotions educators, students, and parents feel at the start of the school year. Every year brings its challenges and affirmations. The students will bring to class particular attributes that warm and break a heart in ways only a teacher can understand.

This year has the added complication of the new Georgia Math Curriculum. For many teachers, a new school year means the adoption of new textbooks - a strange weave of old methods, overwhelming resources, administrative directives, and the "new curriculum." It can make your head spin and leave you wondering where to begin.

The Mathematics Collaborative is here to help assist you. We have been here for teachers for over thirty years. We are exceptional at helping teachers, administrators, and schools find solutions that are particular to their needs. Our support values you as the professional providing you with resources and guidance.

We DO NOT have all the answers. (Frankly, you will find that no one does.) But we know where to start - with you and your particular needs.

Often teachers need to recognize and develop the personal and professional qualities that we possess and the enormous capacity we have inside of ourselves to make a difference. Teachers are the talent in the room. When that school bell rings, the classroom door closes, and the learning begins you, the teacher, will make the magic happen.

We wish you all the best throughout the school year.

Know that we are here to be of service to you. Click here to [contact us](#) or send an email to anderson_peter2@columbusstate.edu

Happy Maths, *Pete*



PROFESSIONAL DEVELOPMENT CRMC OPPORTUNITIES

**REGISTER****NOW**

Wednesday, 23rd

"From Calculators to Thinkers: Problem Solving Using Place Value, Multiplication, and Division"

Led by Karen Hensen
for math teachers
of Grades 3-5
[click here](#)
[to register](#)

Thursday, 24th

"Exploring Real-Life Phenomena through Statistics"

Led by Hope Phillips
for middle grade
math teachers
[click here](#)
[to register](#)

Thursday, 31st

"Making Relevant Connections within the Number System and Investigating Linear Expressions, Equations, and Inequalities in One Variable"

Led by Hope Phillips
for middle grade
math teachers
[click here](#)
[to register](#)

Thursday, 31st

"How Do We Teach Using Math Modeling Tasks?"

Led by Pete Anderson
for high school
math teachers
[click here](#)
[to register](#)

Q:

How is $1+1 = 3$
like your left
foot?

DID YOU KNOW....

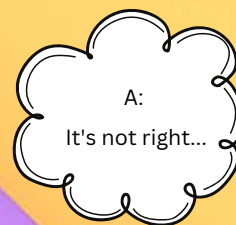
OUR UPCOMING EVENTS FOR THE ENTIRE ACADEMIC YEAR
ARE ALWAYS POSTED ON THE CRMC WEBPAGE.

VISIT US ANY TIME!

[HTTPS://WWW.COLUMBUSSTATE.EDU/CRMC/EVENTS.PHP](https://www.columbusstate.edu/crmc/events.php)



PROFESSIONAL LEARNING AND COOL TEACHER STUFF



DAISY WHEEL MATH

CONTRIBUTED BY PETER ANDERSON

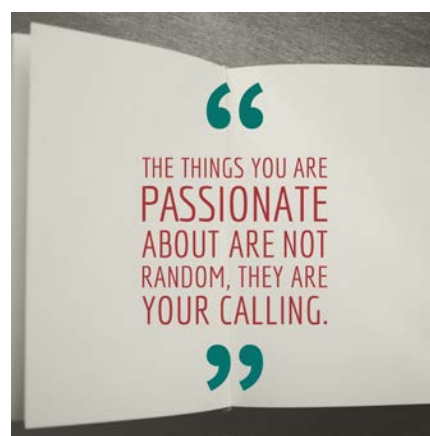
HOW TO PLAY:



BARBIE ON TWITTER!

If Barbie was my height, what would her waist, hand, and foot measurements be?

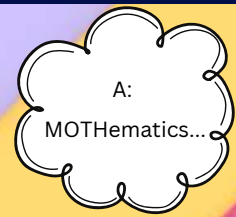
Howie Hua @howie_hua



Q:

What is a butterfly's favorite subject?

PROFESSIONAL LEARNING AND COOL TEACHER STUFF



Pete asked our Resource Specialists...

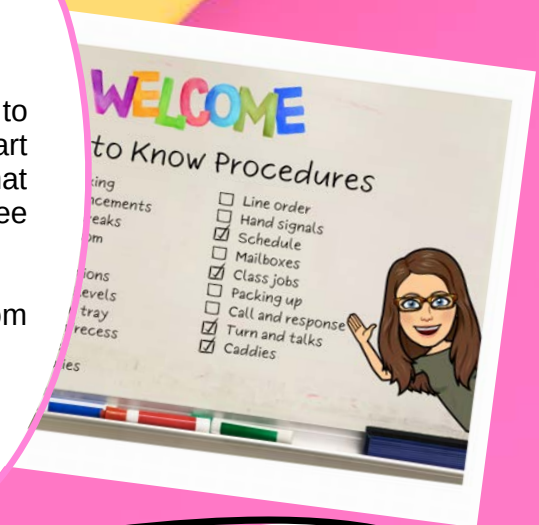
"If you could share one starter lesson or beginning school tip, what would it be?"

Submitted by Carlie Oelke,
Resource Specialist, Grades K-2

My back-to-school tip is to make a list of the procedures that you want to introduce and review with students on a large Post-It board or chart paper. Check it off as you go. The first week of school is so busy that this visual aid keeps me on track with procedures and helps easily see things we may need more practice with.

This is also great review with students when you come back from holiday breaks!

Write your procedures and laminate to reuse again and again!



Submitted by Hope Phillips,
Resource Specialist, Grades 6-8

Sarah Van Der Werf has a great activity to help students navigate group work by working together for a common cause. As a bonus, the task is about math! Van Der Werf says she uses this task to get students comfortable with talking about math—every day—and to learn what great group work should look like in the math classroom.

van der werf's website provides excellent resources -- directions, questions to ask students, and commentary. Enjoy the great discussions students will have about their strategies, whether they saw any patterns, and whatever else their conversations might reveal!

What's the task? Students have three minutes to find as many of the numbers from 1-100, in order, using the image below. Do this for three rounds with the goal of students increasing the number of numbers they find each time.

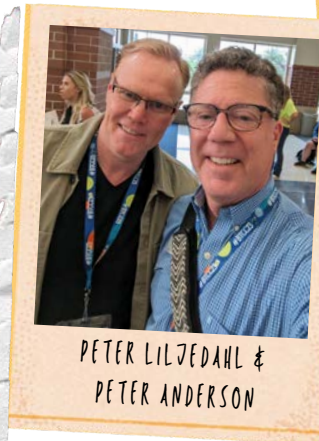
Submitted by Karen Hensen,
Resource Specialist, Grades 3-5

"My Favorite kNOW"

The environment is important. I always start with bare walls, no decorations or math posters. The only decoration is a board/poster prominently posted titled "My Favorite kNOW." The favorite error with the correction chosen is posted in the place of honor. As a class(es), we built the information on the walls as we learned. This created ownership and community.

"My Favorite kNOW" (a math assessment technique) article.

CRMC SUMMER TRAVELS 2023

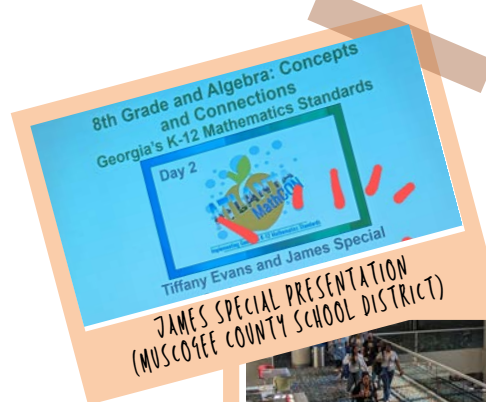
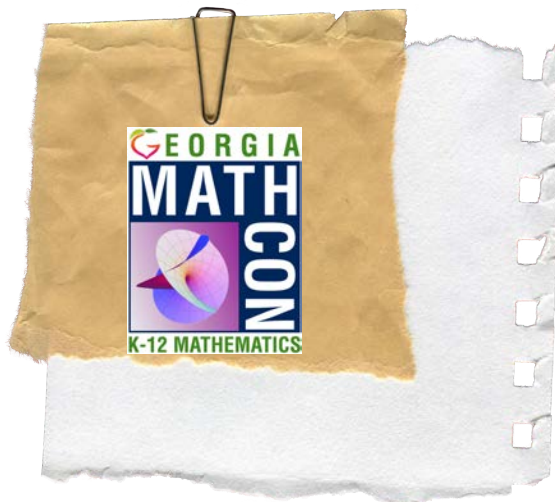


PETER LILJEDAHL &
PETER ANDERSON

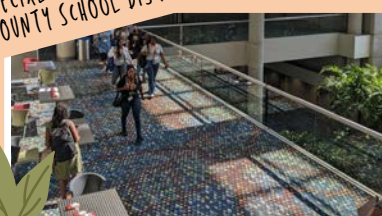


LISA ARNHOLT
(CALVARY CHRISTIAN)

[CLICK HERE FOR MORE INFORMATION
AND RESOURCES ON
BUILDING THINKING CLASSROOMS.](#)



JAMES SPECIAL PRESENTATION
(MUSCOGEE COUNTY SCHOOL DISTRICT)



GA WORLD CONGRESS
TRADE CENTER

[CLICK HERE FOR MORE INFORMATION ON THE
GEORGIA DEPARTMENT OF EDUCATION
ANNUAL MATHCON](#)



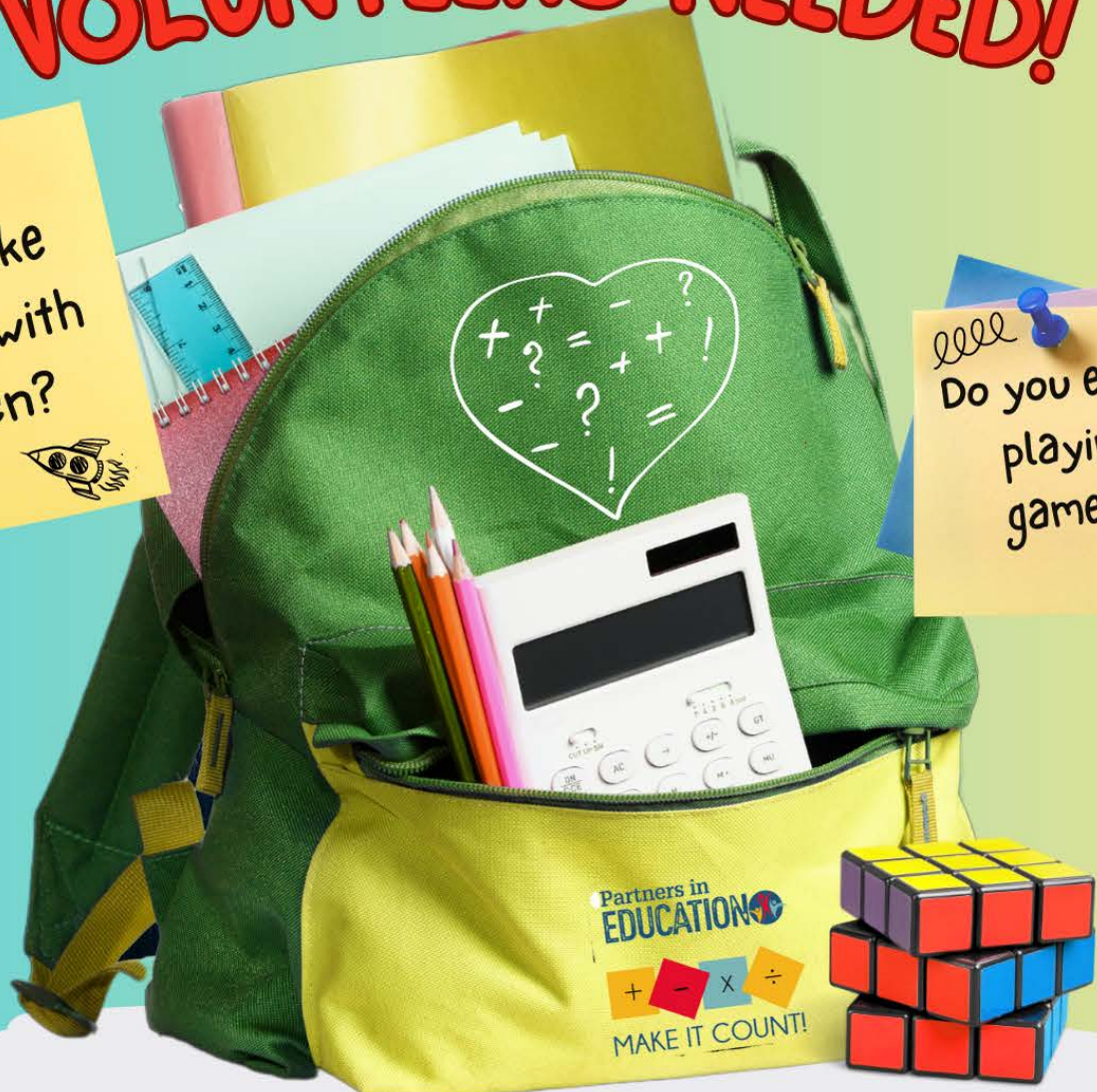


VOLUNTEERS NEEDED!

★ Do you like working with children?



llll Do you enjoy playing games?



We need people like you to help us
Make It Count! (2nd Grade)

SCAN
ME



Questions?

www.columbusstate.edu/crmc

email: anderson_peter2@columbusstate.edu or

phone: 706-565-1475



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Click here to read more about our website:

[Columbus Regional
Mathematics Collaborative
Columbus State University](#)



Keep the
Math Magic Going!
Pledge your Support!



*click
here!*

Click the icons below to follow us on social media:



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