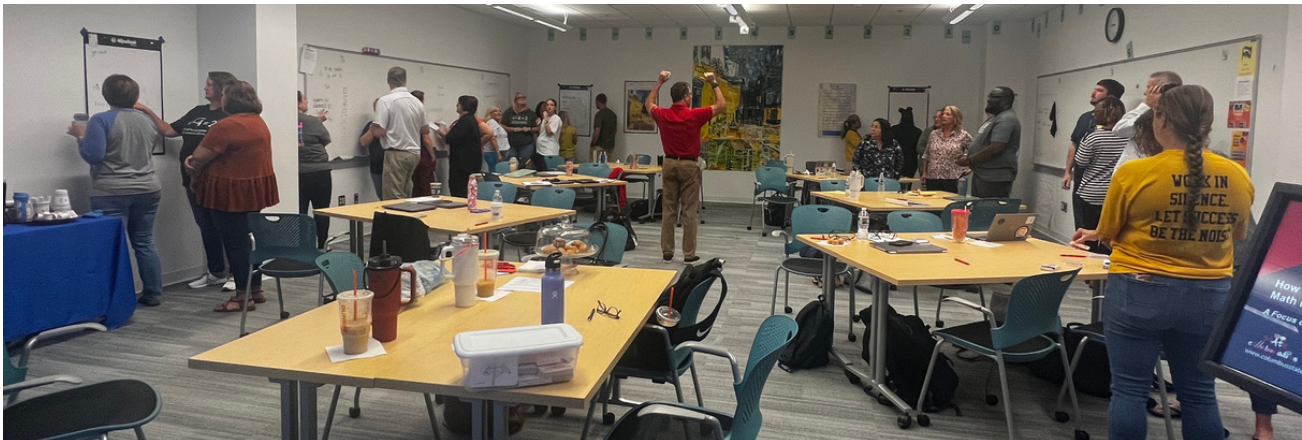




COLUMBUS STATE  
UNIVERSITY

# NOTES *to* NERDS

*The official newsletter of the Math Collaborative*



Join us for engaging professional learning. [Register now!](#)

## IN THIS ISSUE:

[DIRECTOR'S NOTES:  
'OUR SCHOOLS'](#)

[TEACHER RESOURCES](#)

[UPCOMING PROFESSIONAL  
DEVELOPMENT](#)

[BUILDING THINKING  
CLASSROOMS INVITATION](#)

[MAKE IT COUNT PROGRAM  
WE NEED YOUR SCHOOL!!](#)

[CONTACT US](#)



## 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



It is interesting how sometimes words are written in a way that represents their meaning. Think of the word our? - O U R.

The letter O - a circle represents everything in our sphere, and the U R symbolizes the words - you are. It makes one wonder how big the circle that contains those things we claim to be "ours?"

What is the first thing that comes to your mind when I say, "our schools"?

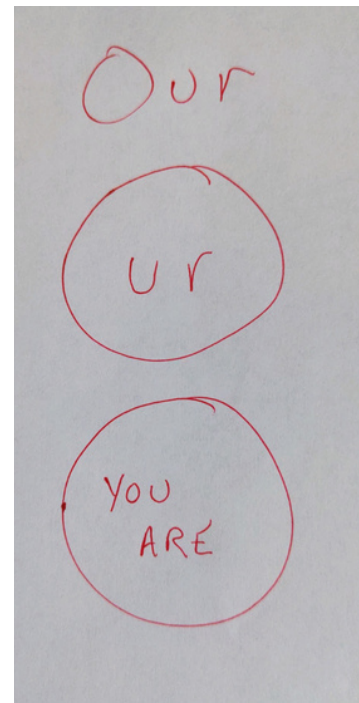
- Is it a string of schools that your children attend?
- Is it the schools connected to where you teach?
- Is it the schools that you attended?
- Are our schools the ones in your neighborhood?
- Are they the ones affiliated with your church?

I would bet "our schools" are defined by those inside your circle.

I heard a story that begins with the smallest of O's. In fact, it's the relationship between a teacher and a student. A bright high school student had no intention of continuing their education beyond high school. Their family had never had an education past high school. The teacher would have none of that. She took the student on a college visit. The student enrolled in that college and became the first person in their family to earn a college degree. That degree went beyond that generation because her children are now college graduates.

When we invest in our schools, the one mentioned. We are fuzzy stories. We are building human. Multiply this effect and we make our

we can create more stories like building more than warm capital in individual lives. community stronger.



## DIRECTOR'S NOTES

The same day, I heard about a large company investing in a mobile lab unit for Columbus Technical College that will bring modules for learning construction skills directly to schools that do not have these facilities. Students will experience the creativity and sense of accomplishment of building something.

Just today, two volunteers committed to giving one hour a week to the Make It Count program, which helps develop math fluency for second graders. The relationships built in those hours will impact the student for years to come.

A recent article in the New York Times about the high quality of schools run by the Department of Defense reports that these DODEA schools with diverse populations buck the downward academic trends in education. They do it right here at our own Fort Moore.

I am privileged to visit several schools in our community. What is striking to me is how much genuine energy the students and the teachers bring to these buildings made of stone. It is also quite alarming to see the disparities between these same schools. It is not hard to see which schools are our schools and which schools are not "our schools." Can we change that?

I have rambled a bit. But here is the through line - How big is our "O"?

Does it go just as far as one child?

Is it in the self-interest of developing a workforce?

Is our O big enough to spend an hour a week working with 2nd graders?

Is it big enough to embrace diversity?

Is our O big enough to push back on the poverty of resources for school's not that are not "our schools?"

None of these are the wrong answers, in my estimation.

But I will submit this for thought - The more schools we can genuinely claim as "Our School," the better OUR children will be, and I dare to say the more robust our community.

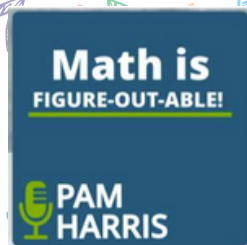
Happy Maths,

Pete



# TEACHER RESOURCES

Contributed by Karen Hensen  
Resource Specialist



**MATH TEACHER, EDUCATOR, PAM HARRIS, AND COHOST, KIM MONTAGUE, ANSWER THE QUESTION:**

**IF NOT ALGORITHMS, THEN WHAT?**

**THESE ARE 15-MINUTE PODCASTS THAT ARE PUBLISHED EVERY TUESDAY AND GIVE ACTIONABLE ITEMS TO HELP TEACHERS TEACH MATH THAT IS 'FIGURE-OUT-ABLE.'**

**[WWW.MATHISFIGUREOUTABLE.COM](http://WWW.MATHISFIGUREOUTABLE.COM)**

**LEARN TOGETHER HER  
YOUTUBE CHANNEL:  
[FIGURING MATH](#)**



## PAM HARRIS

*when you know there has to be a better way to teach math*

### Hear the latest Podcast Episode!

New episodes every Tuesday. Learn more at: [mathisfigureoutable.com](http://mathisfigureoutable.com)

Listen on  
**Apple Podcasts**

Listen on  
**Google Podcasts**

Math is Figure-Out-Able with Pam Harris	
Ep 173: The Most Sophisticated Subtraction Strategy	
Ep 172: The Most Sophisticated Strategy for Addition	
Ep 171: Tips For Parents, Part 2	
Ep 173: The Most Sophisticated Subtraction Strategy	37:16
Ep 172: The Most Sophisticated Strategy for Addition	34:47
Ep 171: Tips For Parents, Part 2	23:26





## UPCOMING PROFESSIONAL DEVELOPMENT



OPPORTUNITY: [HTTPS://COLUMBUSSTATE.LIBCAL.COM/EVENT/10974822](https://columbusstate.libcal.com/event/10974822)


**Math collaborative**



## DIFFERENTIATION: REASONING & LITERACY

*Learn new strategies and tools to make it engaging for your students - and easy for you!*

Tuesday, October 24, 2023  
8:30 AM until 3:00 PM  
Frank Brown Hall, Classroom 1010  
Mathematics teachers of Grades K-2

-  This workshop is designed to enhance students' critical thinking skills and reasoning in grades K-2.
-  Could literacy help tap students' critical thinking with math?
-  Explore data and statistical reasoning using the Georgia Math Standards.

 **COLUMBUS STATE UNIVERSITY**

706-565-1475   
[www.columbusstate.edu/CRMC/events](http://www.columbusstate.edu/CRMC/events)   
[Teacher Needs Survey](#) 



## 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)



# NOVEMBER PROFESSIONAL DEVELOPMENT OPPORTUNITIES

CLICK TO LEARN MORE:

NOVEMBER 7, 2023

8:30-3:00

@FRANK BROWN HALL

6TH-7TH GRADE

MATH TEACHERS

"NEVER-STOP TOPICS:

RATIO AND

PROPORTIONAL

REASONING"



NOVEMBER 8, 2023

8:30-3:00

@FRANK BROWN HALL

9TH - 12TH GRADE

MATH TEACHERS

"HOW DO WE TEACH  
USING MATH MODELING

TASKS? BUILDING A

THINKING

CLASSROOM"



NOVEMBER 14, 2023

8:30-3:00

@FRANK BROWN HALL

8TH GRADE

MATH TEACHERS

"NEVER-STOP TOPICS:

MODELING LINEAR

RELATIONSHIPS &

FUNCTIONS"



NOVEMBER 30, 2023

8:30-3:00

@FRANK BROWN HALL

K-2 MATH TEACHERS

"DIFFERENTIATION:  
LEARNING

PROGRESSION AND

QUESTIONING"



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)



# You are invited to join in the fun!



## DON'T MISS OUT!

For more information on our services  
and opportunities, visit  
[www.columbusstate.edu/CRMC](http://www.columbusstate.edu/CRMC)



WWW.COLUMBUSSTATE.EDU/CRMC  
706.565.1475  
ANDERSON\_PETER2@COLUMBUSSTATE.EDU





OCTOBER 16, 2023

VOL. 84

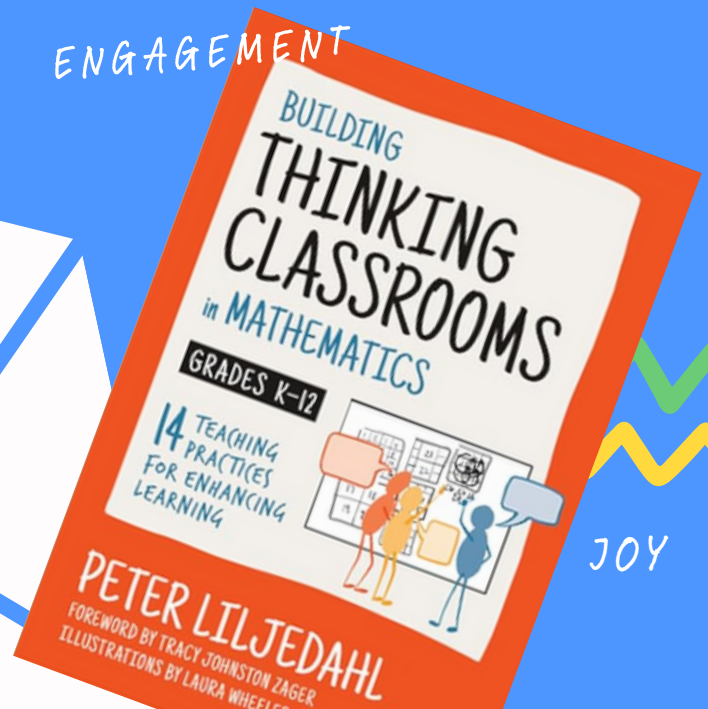
# Building Thinking Classrooms

FULFILLMENT

YOU'RE INVITED!

A new cohort  
is about to  
begin!

ENGAGEMENT



JOY

MEANING



[WWW.COLUMBUSSTATE.EDU/CRMC](http://WWW.COLUMBUSSTATE.EDU/CRMC)

706.565.1475

[ANDERSON\\_PETER2@COLUMBUSSTATE.EDU](mailto:ANDERSON_PETER2@COLUMBUSSTATE.EDU)

CONTACT  
THIS GUY!





# MAKE IT COUNT! SCHOOLS NEEDED



**We need YOUR SCHOOL to help us  
Make It Count! (2nd Grade)**



PLAY  
COUNTING  
GAMES

HELP  
CHILDREN  
LEARN

MAKE A  
DIFFER-  
ENCE!

**Questions?**

**[www.columbusstate.edu/crmc](http://www.columbusstate.edu/crmc)**

**email: [anderson\\_peter2@columbusstate.edu](mailto:anderson_peter2@columbusstate.edu), or 706-565-1475**



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:



Columbus Regional Mathematics Collaborative  
Frank Brown Hall  
1127 Broadway  
Columbus, Georgia 31901

Mailing Address:  
4225 University Avenue  
Columbus, Georgia 31907