

Notes 2 Nerds

February 7, 2023

In This Issue:

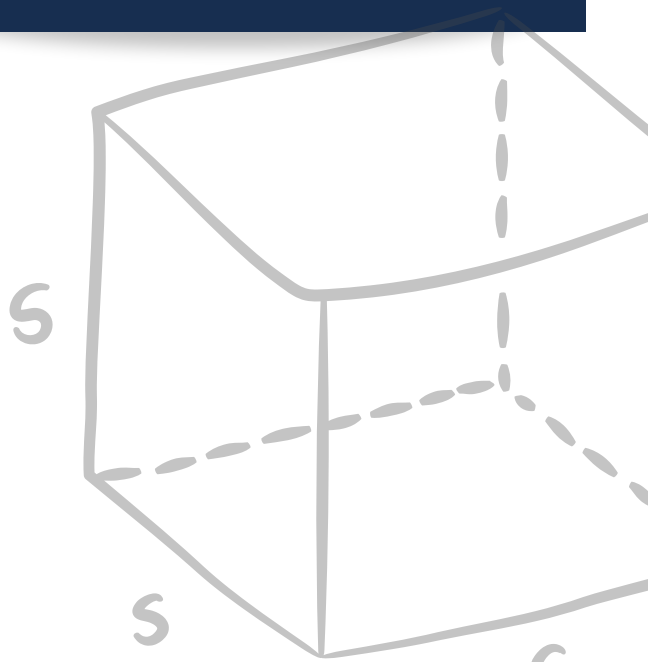
- [Director's Notes: "Two Stories and a Light"](#)
- [CRMC By the Numbers](#)
- [Professional Learning and Cool Teacher Stuff](#)
- [Building Thinking Classroom Cohort](#)
- [Make It Count! Program](#)
- [Contact Us](#)

Upcoming Expected Events:

- [African American Women in STEM @ CSU Schwob Memorial Library, February 16, 2023](#)
- [Professional Development: High School, February 28, 2023](#)
- [2nd Annual CCTM Conference: February 22, 2023](#)
- [Professional Development: Grades 3-5, March 1, 2023](#)
- [Professional Development: Grades 6-8, March 14, 2023](#)
- [Professional Development: Grades K-2, March 30, 2023](#)



Teacher Development and Consulting



You are asking - we are answering!...
(click here to give us your feedback):

[Saturday Professional Development Survey.](#)

Follow Us:



Director's Notes

"Two Stories - and Light"



I received a call from the teacher last Sunday trying to decide whether to go to school on Monday. The previous week there had been some graffiti left at the school indicating there might be a shooting the following Monday. After talking with the administration, she felt teacher concerns were not taken seriously. As a result, she did not attend school that Monday and was utterly torn by concerns for student safety and the burden her fellow teachers would carry in her absence. Later in the week, I visited with a teacher who had returned to teaching after a decade or so of a successful career as an Office Manager. While she enjoyed her work as an Office Manager, she felt unfulfilled.

There is so much to both stories. Societal, economic, quality of life, and safety issues - each of these can hold a book or be worthy of a movie or documentary. I do not want to ignore any of these aspects, but I noticed a thread in both stories that I see in most teachers. I wonder if teachers ever recognize it is there? We might know it by other names - caring, love, helpfulness, loyalty, devotion...but I see it as something a bit different. - I see a *light*. **Yes, as a light!**

This quality makes a student want to lean in.

Students desire to be there in the classroom.

The intangible quality that makes the day better for those around you by your being there.

What I held back in the two stories was the anxious joy of the teacher receiving her students safely back to the classroom Tuesday, or tumultuously productive conversation - a number talk, as students shared what they noticed with the Ex-Office Manager. The teachers may not have recognized the light themselves, but I witnessed it. I know the students felt the light.

If you are a teacher and you're reading this, I'm talking to you. I have rarely visited a classroom where I did not see a student lean into a teacher. It could be as small as a hello, a relaxed shoulder as they walk in from the hallway, a compliant behavior, or as big as a hug, a smile, or anticipatory chatter. Teaching carries much weight and storms beyond our control, but teachers have more sway over the emotional weather among their students than they may realize. Good Teacher - You make a difference.

Happy Maths,


Pete

CRMC by the Numbers

JANUARY

- It is hard to believe, but more teachers attended our **4** workshops than any month since January 2020, with *sixty* teachers! Each day-long professional development provides teachers with new grade band-specific ideas and time to reflect and recharge! The average rating for each of our workshops on a five-point scale was (wait for it - a perfect **5**!) So come and grow with us! Our next round of professional development is open for registration here!
- We worked with three classes in our own College of Education and Health Professions! Dosage calculations with **45** students in Dr. Morrison's Nursing Pharmacology class. What a great group!
- A visit with **12** or more pre-service students in Dr. Gierhart's Elem 4247 class to our resource room with Laura Stokes, and...
- A session with **7** students in Dr. Conway's Middle School methods class!

Thank you, Professors, for letting us be a part of your classes!

- After visits to our workshops at Frank Brown Hall from **3** of the faculty, we received word that two of the teachers have reached out to faculty, and **1** has begun the process of enrolling as a graduate student!
- The Math Collaborative resource teachers made over **20** visits to area schools in Muscogee, Russell, Harris, and Troup Counties. That is direct support with more than *Fifty* educators!
- The Middle School Road Show continued its visits to **4** area middle schools! Would your Middle School like PD delivered in your building tailored to your teachers?
- The Mathematics Collaborative held **3** parent nights helping approximately **50** parents understand the grade level mathematics and learning development.
- Collaborative resource teachers supported the rollout of the new state mathematic standards at **2** meetings at a local RESA.
- The Make It Count Program began in **2** more elementary schools! It now provides weekly math fluency support to twenty-eight students in Muscogee County Schools
- How can we count you into our numbers this next month? Contact  Pete Anderson to let us know.

Professional Learning and Cool Teacher Stuff

Get Rich with Nrich.maths.org !

Provided by CRMC Resource Specialist, Ms. Laura Stokes

As a classroom teacher, I always enjoyed when students' heads would whip up from the work they were doing as I announced that it was time to go to lunch or the class period was over. I knew that I had done my job of engaging my students' thinking to the point that they weren't watching the clock and they were absorbed in their work.

The chore for us is to find those good tasks that engage our students. We can create our own or, better yet, find them already created. Have you discovered nrich.maths.org? If not, let me take you there. This is a site that has many tasks that you can use in your classroom.

The website is very straightforward. Select which level of students you teach, and then have fun exploring the site!

- Use the Curriculum Map to match activities to standards (Nrich is from the University of Cambridge, but the standards are similar to local standards).
- Explore good articles!
- **Secondary teachers:** click on secondary and then find "[NRICH Secondary Curriculum Mapping Document](#) (Google document)" for the document.

The screenshot shows the Nrich website homepage. At the top, there is a navigation bar with links for Primary Students, Secondary Students, Post 16, Early Years, Primary Teachers, and Secondary Teachers. There is also a search bar and a 'Go' button. Below the navigation bar, the main heading reads 'Welcome to the Primary Student Homepage'. The page is divided into four main sections: 'Latest Feature' (with a colorful geometric pattern), 'News and Recent Solutions' (with a photo of a person jumping), 'Activities and Games' (with a photo of colorful blocks), and 'Thinking Mathematically' (with a photo of a person working with blocks). Each section has a brief description and links to explore further. Annotations with arrows point to specific features: 'Portion of site that has activities centered around a specific math concept. You can also explore "past features."' points to the 'Latest Feature' section; 'Students have the opportunity to submit their solutions and see how they fared compared to others.' points to the 'News and Recent Solutions' section; 'Find activities and games (both paper pencil and interactive) based on math topics.' points to the 'Activities and Games' section; and 'Find activities that create thinkers who are curious, resourceful, collaborative, and resilient.' points to the 'Thinking Mathematically' section.

Portion of site that has activities centered around a specific math concept. You can also explore "past features."

Students have the opportunity to submit their solutions and see how they fared compared to others.

Find activities and games (both paper pencil and interactive) based on math topics.

Find activities that create thinkers who are curious, resourceful, collaborative, and resilient.

This site is a 'go-to' site for me whether I am looking for activities to use in a classroom, activities to use in a workshop, or articles to share with teachers to help them understand a concept. I hope that you enjoy exploring the "richness" of nrich.maths.org.



REGISTRATION OPEN NOW!

WHEN:
TUESDAY,
FEBRUARY 28, 2023
@ CSU, FRANK BROWN HALL

USE THE LINK OR SCAN
THE QR CODE BELOW TO
REGISTER TODAY:

[HTTPS://COLUMBUSSTATE.LI
BCAL.COM/EVENT/10223146](https://columbusstate.libcal.com/event/10223146)



@Columbusregionalmathematicscollaborative

@mathcollab

@CollabMath



Follow Us

Free Registration for:

CSU Students, teachers
from Calvary Christian
School, Muscogee County
Schools, Russell County
Schools, St. Anne Pacelli, and
members of Delta Kappa
Gamma Honor Society

Algebra: Teaching Through Tasks - A Look at the New Curriculum

- This year's focus is on Algebra 1 - we will provide support in methods and content that will aid teachers of Algebra 1.
- **The approach we take will benefit all high school teachers.** We promise to engage and challenge you by experiencing proven strategies to engage your students and ignite your curiosity as a mathematician and teacher.
- **Even if you are not currently teaching algebra, this workshop will engage teachers of all classes.**

Click on the
links below
to Register
Today!



March Professional Development Opportunities*

GRADES 3-5: MARCH 2, 2023
ACTIVE THINKER PROBLEM SOLVING

GRADES 6-8: MARCH 14, 2023
TEACHING THROUGH TASKS

GRADES K-2: MARCH 30, 2023
BUILDING A BRIDGE BETWEEN MATH & LITERACY

*No cost for CSU Students,
Calvary Christian School,
Muscogee County School District,
Russell County School District, St. Anne Pacelli, and
Delta Kappa Gamma Members

The Math Masters Competition Needs You!



HEY!!

We are talking to you, Master Teachers!

**Sign up to volunteer
Saturday, March 11, 2023**

**Click on the link
to get started:**

**Volunteer
Registration**



BUILDING THINKING CLASSROOMS COHORT

Are the things you are doing in class not connecting with students?

Would you like to engage your students more deeply?

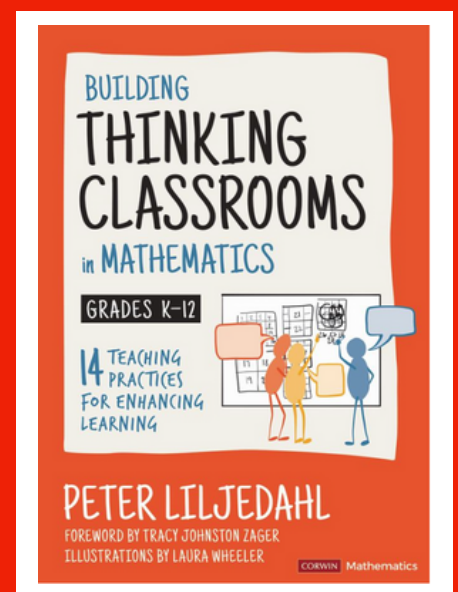
Are you ready for a change that works?
(I know you have heard this before.)

So, kick the tires and see if the promise fits.

It costs nothing but your willingness to participate.

We meet about once a month, after school, at Frank Brown Hall. We develop and share lessons for teaching your subject. We are looking to grow our Building Thinking Classroom Cohort with High School and Middle School teachers.

[Resource Link](#)



If you are interested,
contact Peter Anderson:
anderson_peter2@columbusstate.edu



'Make It Count!' WANTS YOUR SCHOOL

What is it?

The 'Make It Count' Project (MIC) aims to improve math fluency in second graders by building a foundation for sustained growth in mathematics. The partnership between Partners in Education and the Mathematics Collaborative (CRMC) @ Columbus State University pairs schools with volunteers who will visit second-grade classrooms to provide engaging and fun activities designed to build math fluency.

Interested?

Here is What You Need:

- Volunteers (CRMC and PIE will help recruit)
- Supervised space
- 'Make It Count' kit
- Identify students to participate
- School Point-of-Contact



Call for Volunteers!

You will need to:

- Attend one training session;
- Be available for one-hour each week at the designated time;
- Commit to being available from the first of November 2022 until the end of March 2023 (18 school weeks.)

Interested?

Contact the Mathematics Collaborative:

www.columbusstate.edu/crmc
email: crmc@columbusstate.edu or
phone: 706-565-1475



AFRICAN AMERICAN WOMEN IN STEM

**FEBRUARY
16TH,
2023**

**12:30-
1:30PM**



SCHWOB MEMORIAL LIBRARY FORUM
LIGHT REFRESHMENTS WILL BE SERVED

2ND ANNUAL CCTM CONFERENCE

2023A



DR. LYA SNELL

GUEST SPEAKER

Dr. Lya Snell serves as the Georgia Department of Education's Mathematics Program Manager, where she works to ensure that all students have access to high-quality mathematics programming throughout Georgia.

TOPIC:

THE NEW MATH STANDARDS

AND YOU!

FOR MORE INFORMATION, CONTACT:

SHEFFIELD.DACIA.L@MUSCOGEE.K12.GA.US -OR-
BARBER.CAROLYN.A@MUSCOGEE.K12.GA.US

FEBRUARY 22, 2023A

CSU'S FRANK BROWN
HALLA

5:30A - 8:30PM ET

SCAN HERE TO REGISTER!



WE NEED PRESENTERS!

SCAN HERE TO SUBMIT A PROPOSAL!





Click here to read more about our website:

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

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