

Notes 2 Nerds

September 26, 2022



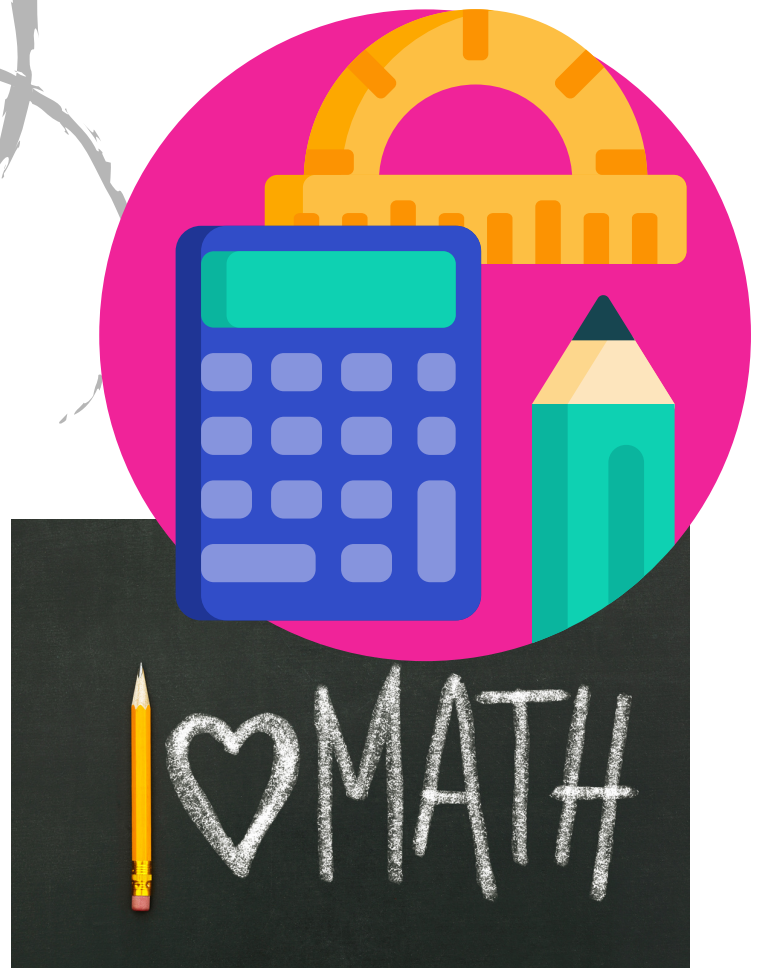
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Upcoming Events

Save-the-Dates:

- November 1: High School PD
- November 2: Middle School PD
- November 3: Grades 3-5 PD
- November 8: Grades K-2 PD
- March 11, 2023: **Math Masters**



Director's Notes

'Doing What You Love and Calling It Work'

Meeting with the Building Thinking Classrooms Cohort of high school teachers on Thursday, our conversations revealed that the stark reality of the school year routine has hit. Students are unmotivated - peers and administrators are at odds with their vision of the classroom. It can be draining and overwhelming. Where is the joy that teaching can be ... should be? My parenting/teacher self wanted to hug the teachers and reassure them but this is a battle they must make peace with and win.

Looking back:

I felt a little removed from their conversation. Just the week before, I was standing in the Columbus Museum and taking in a painting - Red Azaleas Singing and Dancing to Rock and Roll Music - laying the footwork for our Math in the ART event.

How did this high school math teacher get here?

Invitation? Luck? Karma? - None of these apply (or maybe all apply?)

It is a part of my work - mathematics teacher work - as we prepared for the Math in the ART event for the evening.

Something called in this painting declaring there must be a mathematics lesson in these singing and dancing Azaleas. It was not so much a challenge - but a quest. Creating the task, for me, was a joy. Sharing ideas is our mission at the Mathematics Collaborative! Doing what I love and calling it work' is a blessing.

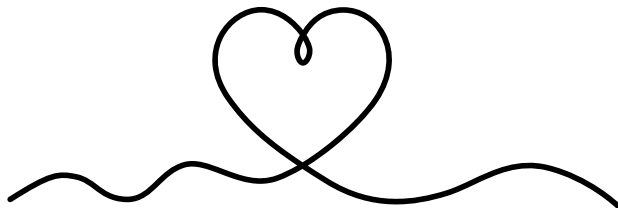
Back to our Thursday teacher cohort meeting:

As the teachers left, I thanked them for their effort and precious time. The number of "hats" they wear during the school day is incredible. Being at this meeting just added to the stack, I imagined, weighing down on their weary heads. Many of these teachers had attended our Math in the ART event just two nights before. When one of the teachers said to me, "I appreciate your support. It helps me to keep going and look forward to the next class." It was a compliment I did not expect but one I will hold onto.

Of course, we all need those sunny rays, but don't overlook the possibility that you may be that little bit of joy that keeps someone moving ahead. I am hoping that you find your sunshine.

Happy Maths,

Pete



PS:

[Here is the link to the resources from Math in the ART.](#) My lesson is in the High School folder, but there are activities for all grade bands!

CRMC: BY THE NUMBERS

SEPTEMBER

- **Two** full-day, on campus workshops with 16 schools represented (including CSU preservice teachers);
- **Four** half-day workshops in three area schools;
- **Nine** classroom visits to teachers in area schools;
- **Three** traveling Professional Development visiting middle schools;
- **Six** 'Building Thinking Classroom' cohort teachers supported;
- Launched the 'Make It Count' Program for Elementary Schools;
- **40+** attendees at the Columbus Museum for the Math in the ART Event;
- Worked with Dr. Gerihart's students;
- Visited classes in the Mathematics Department at CSU (Thank you, Dr. Fan);
- Worked with CSU nursing students on dosage calculations (Thank you, Dr. Padget and Dr. Huffman);
- **20+** visits to our Resource Room for CSU preservice teachers and local area schools;
- Scheduled the use of the Mathematics Collaborative Classroom to support the work of CQTL, CSU Special Education, and the Ivey Center.

One very proud Director for the work his staff has done!

HOW CAN WE BE COUNTED TO HELP YOU?

Professional Learning and Cool Teacher Stuff

ELEMENTARY SCHOOL CHALLENGE:

From Math for Love (a wonderful resource link)

 Mena Fahmi @menafahmii · Sep 11

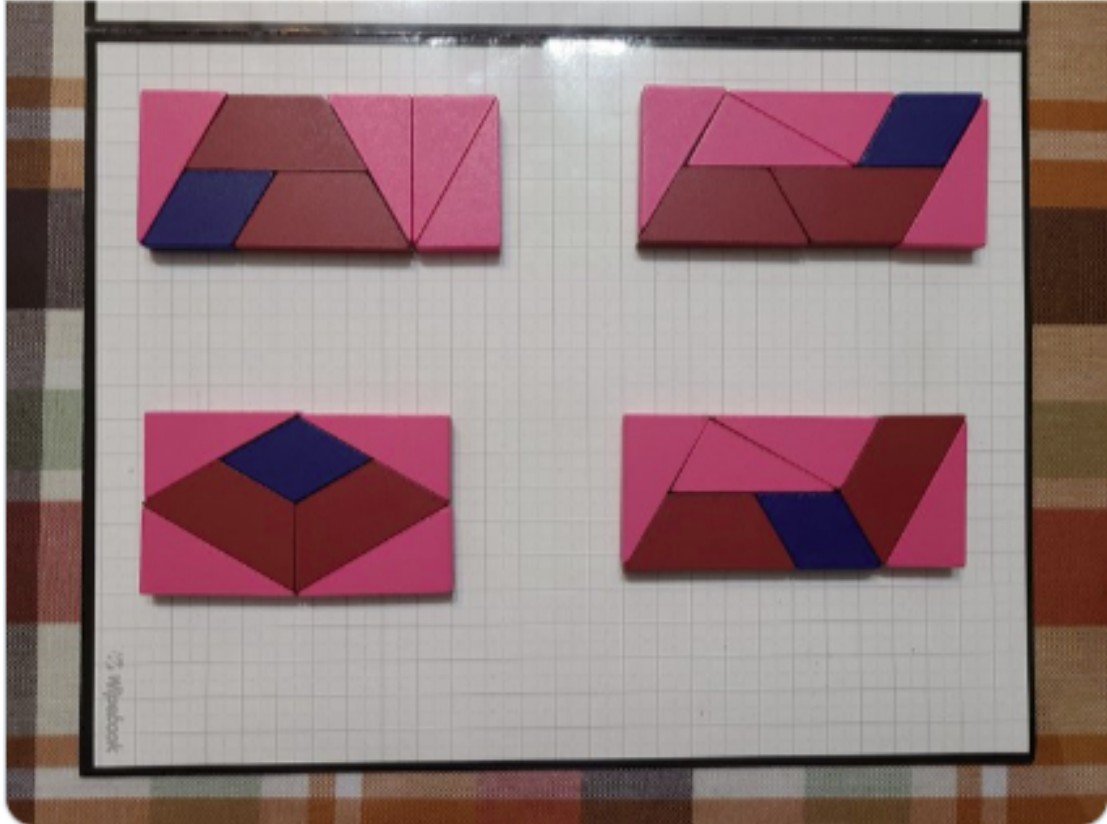
A challenge for #21centurypb play:

Using only those 7 pieces, how many different ways can you arrange them into a rectangle?

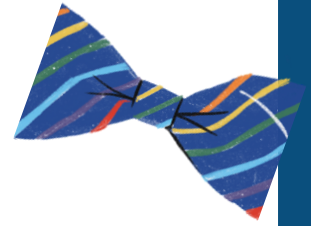
Also, #WODB?

@Trianglemancsd @MathforLove #iteachmath #tmwyk

[Show this thread](#)



Professional Learning and Cool Teacher Stuff



FOR MIDDLE SCHOOL AND HIGH SCHOOL FOLKS:

This is a cool prompt to get your students engaged:

Seed Numbers:

Consider two whole numbers (for example, 3 and 6).

These will be the first two numbers (or seed numbers from which to grow.)

The third number is the sum of the first two or 9. ($3 + 6 = 9$)

The fourth is the sum of the previous two 15. ($6 + 9 = 15$)

And continue forward so you get a sequence of numbers (3, 6, 9, 15, 24, 39,)

The question:

What do the first two numbers have to be so that the fifth number in the sequence is 100?

Link: [Twitter thread where this task is discussed](#)

WHY DO WE POST LESSON OBJECTIVES?

Here is an interesting take:

Link: [Thoughts from Tim Brzezinski](#)

Do you agree? Why? Why not?

Let us know here: anderson_peter2@columbusstate.edu

SOMETHING COOL:

From the Georgia Department of Education this past week (I think they have a really good idea!):

Link: [K-12 Math Glossary](#)

What do you think?

Let us know here: anderson_peter2@columbusstate.edu



Thank you

Nerds,

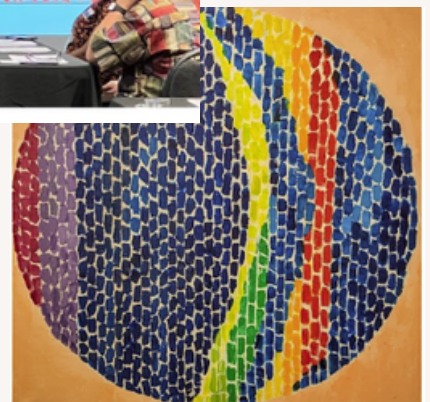
A wonderful evening was had this past Tuesday as we celebrated Math in the ART at The Columbus Museum. More importantly, we shared the joy of exploration and learning that brings us to teaching and is in every human soul...if we only take the chance to see, notice, and wonder!

- Thank you, Columbus Museum!
- Thank you, Math Collaborative Resource Teachers!
- Most of all, thank you to the educators who took time at the end of a full day to join us!

Link: [Resources from the evening you can use](#)

Until the next one,

Pete Anderson



Upcoming CONFERENCE OPPORTUNITY



Georgia Council of
Teachers of Mathematics

October 19-21, 2022

The conference will include information about the new curriculum as well as other ideas to work in a new post-pandemic environment.

REGISTRATION LINK:

<https://www.gctm.org/gmc>

The 63rd Annual
Georgia Mathematics
Conference



#GMC2022
www.gctm.org



'Make It Count!' NEEDS YOUR SCHOOL

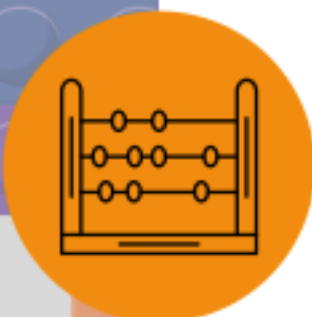
What is it?

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



Contact Us Today!

Email: anderson_peter2@columbusstate.edu

Annual CPMC

**Math
Masters
Middle School
Competition**

WHEN:
Saturday,
March 11, 2023

WHERE:
Location will
be announced. Stay
tuned!



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!



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