

NOTES 2 NERDS

The official newsletter of the Math Collaborative



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A SUMMER READING LIST!
A SUMMER SCROLLING LIST!**



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.





BUILDING THINKING

Classrooms Cohort

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

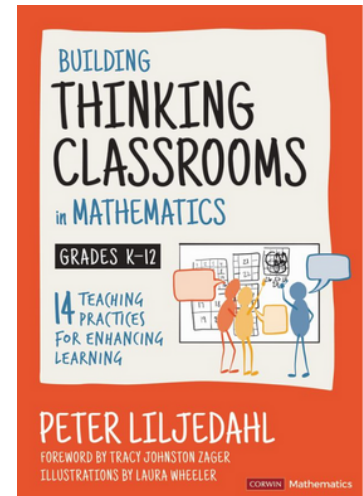
Would you like to engage your students more deeply?

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



ANNUAL MATHCON

Summer Conference Atlanta, Georgia



Calling all Blended Teachers, Counseling Staff, District Leaders, Elementary Teachers, ESOL Teachers, Gifted and Talented Teachers, High School Teachers, Instructional Coaches/Coordinators, Middle School Teachers, RESA Mentors, School Leaders, Special Education Teachers, State Schools, Teacher Leaders!

The Annual MathCON Summer Conference offers engaging professional learning to teachers and leaders related to the implementation and instructional planning for Georgia's K-12 Mathematics Standards, including evidence-based instructional strategies to use in the classroom.

For more information or to register, [CLICK HERE](#)





DIRECTOR'S NOTES

by Peter Anderson, CRMC Director

📍 Graduation vs. Commencement 📍

Go ahead and admit it! As a teacher, you are happy now! The school year is all but over. You outlasted the students. All you have left to do is the end-of-year checklist and turn in the classroom keys to the administrator! You can all but taste freedom!

Hello, adult-length lunches, binging the old Netflix shows, and sleeping in a little later! Your time is your own - and not ruled by the classroom schedule!

This time of year calls up of emotions. We are glad that the year is ending. We are excited, happy, and relived, to name a few feelings. We are also weary. We are tired. We are ready.

Over the last several weeks, I heard lots of takes on the end of the school year and graduation — the comedian Roy White refers to graduation as the celebration of earning the piece of paper that says - “We don’t have to learn anymore!” Our social media feeds burst with pictures of graduates and proud parents as they celebrate the end of a process begun years before.

But what do we call this graduation ceremony where gowns and mortar boards are worn, and diplomas given? - Commencement.

Commencement is the start, the beginning. It seems ironic that what many may consider the end of a process is the start of something new.

Yet, educators begin again as well. Excitingly - that is what is unique about education. We can start anew to rethink, reshape, and improve those things that could use a little work. In our ‘teacherness,’ we begin to commence toward next year’s challenges.

Summer begins soon - full of projects, our children, summer school, continued education, and much more. We must take time to renew our spirit. Please take every opportunity to do so!

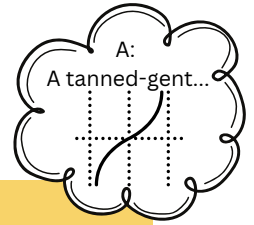
But if you have a little time and want to get your math on, I will be here all summer at the Collaborative. Call or email me.

Happy Maths,

Pete

Q:
What do you
call a man who
spent all
summer at the
beach?

PROFESSIONAL LEARNING AND COOL TEACHER STUFF



Summer Reading Suggestions

I recently came across this post on Twitter by Sara VanDerWerf:
What is a book or article you think math teachers and leaders should all read? Why?
What is something you have read and discussed with others that has impacted practice in some way?
Are there new books you are anticipating? All ideas are welcome.

www.edutopia.org/article/better-math-enrichment-activities-elementary-students

I recently read this article and wish I had read it while I was in the classroom. Fast finishers always happen in elementary. This is a great read on enhancing their learning. Also, I love that the idea is not just to give students more math problems, but to give them open-ended questions.

-Carlie Oelke, Resource Specialist, Grades K-2

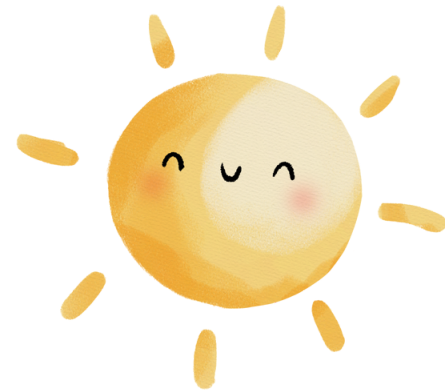
Marian Smalls' *Good Questions, Great Ways to Differentiate Mathematics*

This is a really good book that helps teachers think about how best to phrase questions and get the most thinking going on. -Laura Stokes, Resource Specialist, Grades K-5 (Retired)

Making Number Talks Matter by Cathy Humphreys and Ruth Parker

The authors challenged me to think about rational number operations using a variety of (then new-to-me) strategies. Studying these strategies improved MY numbers sense!

-Hope Phillips, Resource Specialist, Grades 6-8



Building Thinking Classrooms

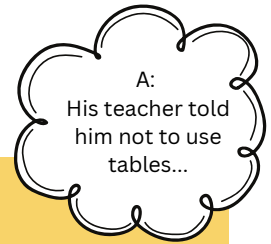
by Peter Liljedahl

This book has made a huge impact on my teaching, providing ideas that drew me back to the classroom so I could experience them firsthand! Liljedahl asks and answers all the big questions teachers have about effective teaching in a practical and timely way.

-Peter Anderson, Director, Resource Specialist Grades 9-12



PROFESSIONAL LEARNING AND COOL TEACHER STUFF

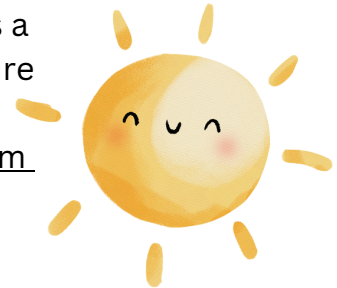


Summer Reading Suggestions. continued...

Pete and Hope got to talking a little more and threw these out for consideration:

An exploration of approaching the teaching of mathematics as a civil right and with students' lived experiences in mind to ensure success for all students.

Choosing to See: A Framework for Equity in the Math Classroom
by Pamela Seda & Kendall Brown



This book gave me a practical pathway to guide discussions in my classroom and allow them to blossom. 5 Practices for Orchestrating Productive Mathematics
by Margaret Smith and Mary Kay Stein

A delightful and fun book to read that gives practical (and research based) ideas for making a classroom more....playful. The Playful Classroom by Jed Dearybury and Julie Jones



Hope and Pete will soon begin reading How Children Learn Math - The Science of Math Learning in Research and Practice by Krasa, Tzanetopoulos, and Maas. It sounds like a dreadful, stuffy old book, but Pete has already read two non consecutive chapters! It's an engaging read with insights and practical advice!

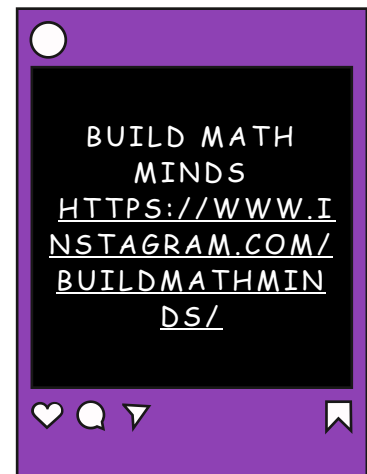
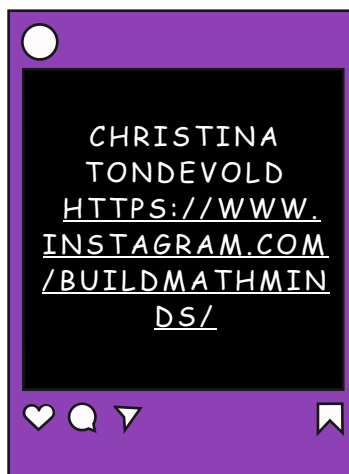
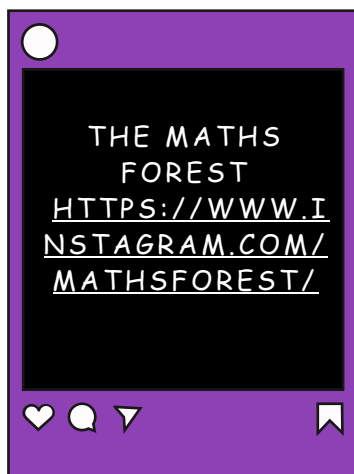
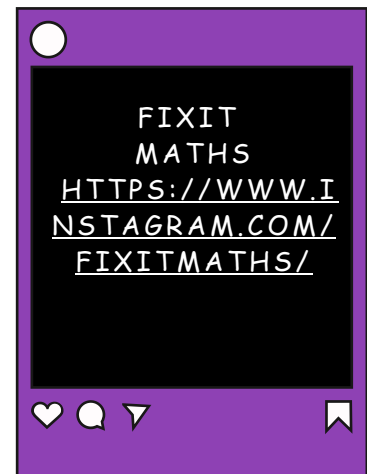
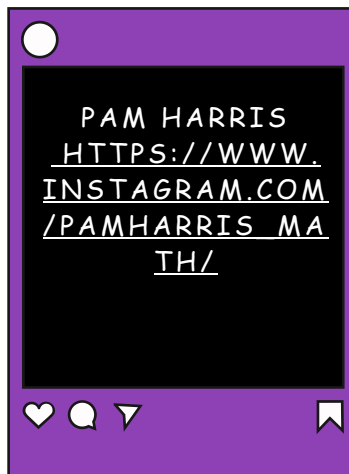
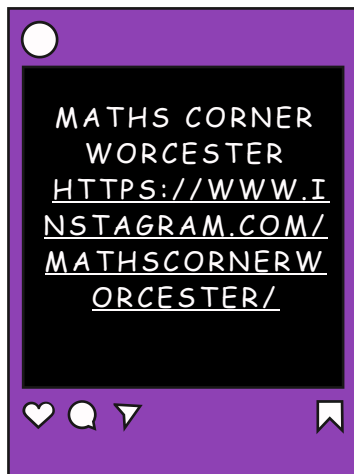
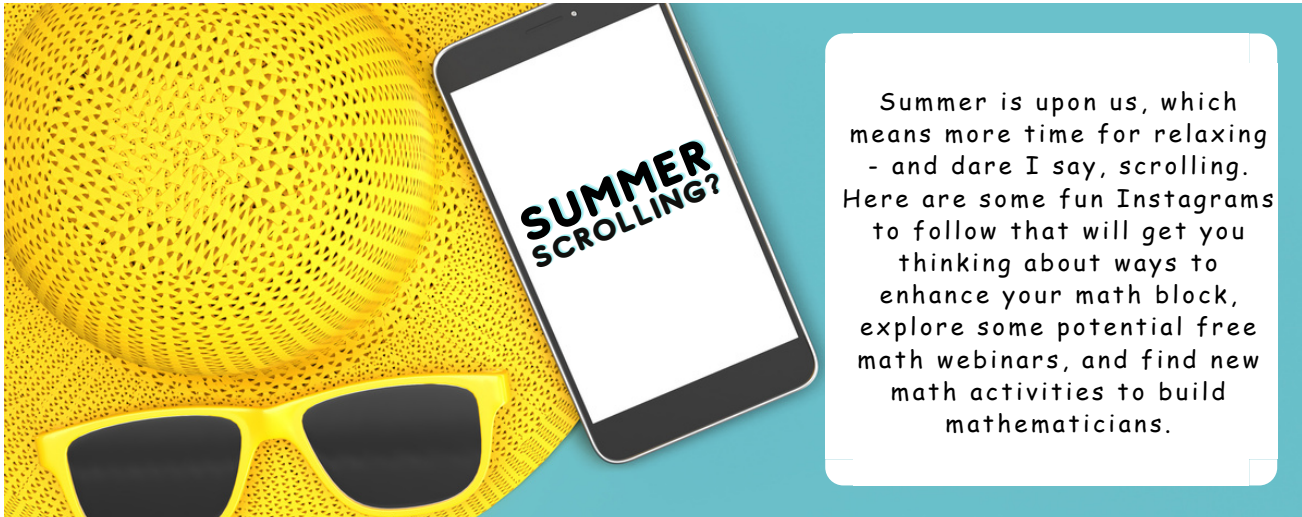
Here is the direct link to a Twitter thread full of interesting suggestions from teachers:

<https://twitter.com/saravdwerf/status/1653089425260265484>

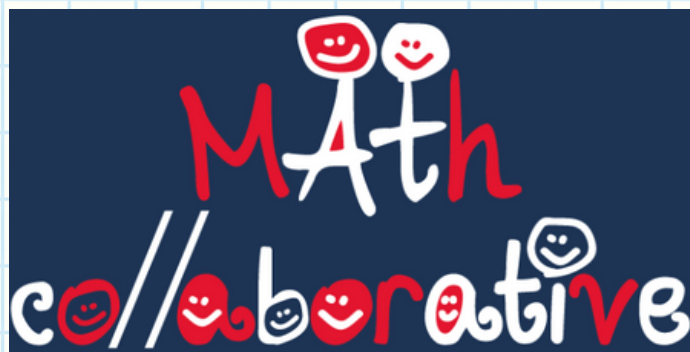
Happy Summer Reading! **FROM THE CRMC**

PROFESSIONAL LEARNING AND COOL TEACHER STUFF

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



Lastly, stay up to date with the Math Collaborative for workshops and professional development opportunities!
[@mathcollab](https://www.instagram.com/mathcollab)



Click here to read more about our website:

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Mathematics Collaborative
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Keep the
Math Magic Going!
Pledge your Support!



*click
here!*

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