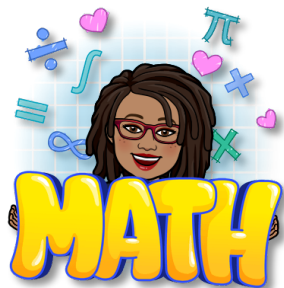


Monthly Math Director's T.I.P. (Teaching Instructional Practice)!



Following the second Balancing the Equation virtual "math talk," I would like to offer the **Concrete-Pictorial-Abstract approach to mathematics instruction** as a T.I.P. to add to your toolbox. This approach is critical to establishing conceptual understanding at **all** grade levels. Below I have included a video resource from Build Math Minds that provides an overview of these three mathematical representations. Click the link to access the resource: <https://www.youtube.com/watch?v=8KI3CvIKytc>. You may also watch the entire Balancing the Equation Session on the C-P-A approach by clicking [here](#).

-Tommisha Johnson, Ed.S.



Coordinator of Professional Development position in Elementary Math (K-5) available

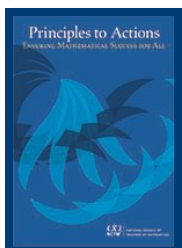
The MDE has partnered with the University of Mississippi to employ one (1) Coordinator of Professional Development in Elementary Mathematics. The selected candidate for this position will support the Office of Professional Development at the MDE by providing coaching support and professional

development to local school districts and schools throughout the state in the area of K-5 Mathematics. Please note that this position does not require relocation to Oxford or Jackson but does involve frequent in-state travel. Interested individuals may view full job details and apply online at <https://careers.olemiss.edu/job-invite/6262/>.

Supports for Administrators, Coaches, Interventionists, and Math Educators

2022 Spring Session II - Registration opened on February 14, 2022, classes begin April 11, 2022.

NOTE: Participants will be responsible for obtaining a copy of the text.



Principles to Action: Ensuring Mathematical Success for All and the Catalyzing Change in School Mathematics: Initiating Critical Conversations- Book Studies

The MDE is offering book study opportunities on NCTM's Principles to Action text released in 2014 and the Catalyzing Change Trilogy: Early Childhood and Elementary (2020), Middle (2020), and High School (2018). These texts build on the principles and practices articulated in Principles and Standards for School Mathematics (NCTM, 2000) to offer six **updated** Guiding Principles for School Mathematics and specific teaching practices essential for high-quality mathematics education for **all** students. The results of these work address policies, practices, and issues and include practical [recommendations](#) to

help create positive change, invoke critical conversations among instructional leaders and stakeholders in mathematics education, and strengthen their school mathematics program. Click [here](#) to register.



Monthly "Math Talk" PLCs Continue March 15, 2022!!!

Last month in session two, we began this discussion with the Concrete-Pictorial-Abstract approach to mathematics instruction. In session three, we will

continue with the five representations of mathematics and take a closer look at the verbal and contextual representations. Be prepared to engage in the content on your specific grade band. Click [here](#) to register.

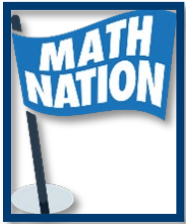
Join us for a great learning experience! Remember, "balance is not something you find; it's something you create." – Jana Kingsford.



Texas Instruments Live T³™ Webinars

Enhance the student learning experience in your classroom using TI graphing calculators and software. Led by T³™ instructors with extensive classroom experience, Live T³™ Webinars take place Tuesdays, 7 – 8 pm Central time (unless otherwise noted).

Participants will receive a Certificate of Attendance, which may be accepted for school or district continuing education credit. All live webinars are recorded and available [on-demand](#). To register or to get more information, click [here](#).



Math Nation Hosts the Spring “Test Yourself!” Challenge

Math Nation is excited to announce the Spring Test Yourself! Challenge starting March 7th! The Test Yourself! Challenge encourages students to get prepared for the end-of-year exams, and to win prizes while doing it! Teachers can click [here](#) for more information and click [here](#) for a student flyer. For more information, contact Sara Flowers, Assistant Director for Math Nation in MS, at sara@mathnation.com.



The “What, Why, and How” of Daily Math Routines Webinar

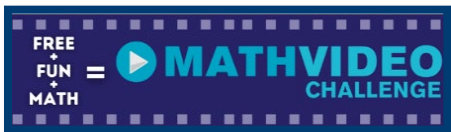
For over 50 years, [hand2mind](#), formerly ETA Cuisenaire, has provided schools and districts across the country with high-quality, hands-on materials to expand their core curriculum. They also host free, virtual webinars. Click [here](#) to join the session, *The Power of Routines in Math Class*, March 8, 2022, from 4-4:45 pm. To view on-demand math webinars, click [here](#).



Using Stories to Create Windows and Mirrors in the 6-12 Math Class.

Join Sunil Singh, Author and Amplify consultant, on March 10, 2022, for this FREE webinar. They will discuss how to easily incorporate stories into your math instruction, allowing students to see themselves and their peers in mathematics, deepening their connection to the math. [Register](#) to join this event or receive the recording afterward if

you cannot attend.



MATH COUNTS Math Video Challenge

Are you ready to take your students' math skills to the next level? [Please register for the Math Video Challenge today](#); it's completely free! This fun, free program asks student teams to create and submit a video that explains the real-world scenario problem's solution from

the MATHCOUNTS School Handbook. Teams also receive free resources, including a handbook, smartphone tripod, and dozens of online resources. The video submission deadline is March 11, 2022. Finalist teams receive an all-expenses-paid trip to present their videos at the Math Video Challenge Finals.



Dyscalculia 101: What It Is & Ways TouchMath Helps

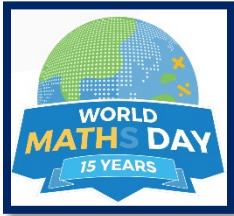
Join on Monday, March 14, 2022, at 2 pm Central to hear TouchMath experts dive deep into dyscalculia. This math learning disability affects at least one child in every classroom. Dyscalculia is a lifelong condition that can impact academic and economic progress as well as self-esteem and currently affects 30 million students across the US. The focus of this webinar is to discuss what dyscalculia is and how it is identified; the implications of dyscalculia both in and out of the classroom; and how TouchMath supports students with dyscalculia and other struggling learners. Register [here](#).



Mentoring Minds Math Student Engagement Webinar

Mentoring Minds is offering an opportunity on March 23, 2022, to participate in a webinar entitled, *Inspire Your Math Students to Work for It!* If you struggle to get students interested in the math they are learning, join presenter Amy Armstrong, Director of Math and Science at Belton ISD, and

learn proven strategies for engaging students in math instruction. Click [here](#) to learn more and register.



Register for World Maths Day 2022.

It's time to mark your calendars; World Maths Day is on March 23, 2022! Pre-register now to make sure your students don't miss their chance to have fun and win some awesome prizes (and bragging rights) as they compete in LIVE math activities with students across the world. Click [here](#) to pre-register and for more information.



MDOT Hosts the RIDES Summer Teacher Training

RIDES is a hands-on science, technology, engineering, and math program for K-8 teachers. There is no cost for the training, however, teachers may purchase CEU credit for \$15. Lunch will be provided by MDOT, and each participant will receive a curriculum guide (aligned to National Standards and the College and Career Readiness for Mathematics) and a trunk of resources to share with another participating teacher from your school. The two-day training begins at 9 a.m. and ends

at 4 p.m. each day; dress is casual. A boxed lunch will be provided. Click [here](#) to access the application form.



College Board Advanced Placement Mathematics Teacher Resources

Are you currently teaching an AP course? If so, take the time to become familiar with the valuable resources and information provided by AP College Board. These links will take you to a wealth of Advanced Placement resources.

[AP Central- Mathematical Practices for AP Calculus \(MPACs\)](#), [AP Central- AP Calculus AB Essential Resources](#), [AP Central- AP Calculus BC Essential Resources](#), [AP Central- AP Statistics Essential Resources](#)