

Central Texas Council of Teachers of Mathematics



CTCTM Newsletter



Fall 2016

Greetings CTCTM Members!

Summertime for teachers always seems to pass so quickly. I hope that between all the professional developments you attended this summer, you also found time to spend quality time with family and friends in the effort to recharge your mind and body.

As I take over as CTCTM President, I want to take some time to thank Dr. Trena Wilkerson for her service as President over the past 2 years. Her wealth of knowledge in the field of Mathematics Education as well as her leadership have helped us become a stronger organization. I look forward to following in her footsteps as President and providing our members with continued opportunities for professional growth.

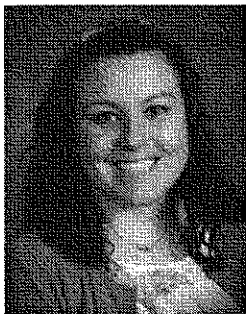
This summer the CTCTM Executive Council met in July to begin planning our Fall Meeting and Spring Conference. To that end, our Fall Meeting will be held on October 18, 2016 at Baylor University's Mars-McLean Science Building. Developing Literate Mathematicians will be the theme of the meeting. We look forward to seeing you all there in October.

As you begin another year teaching mathematics to our students, I want to encourage you to set goals for both yourself and your students. I believe it is critical to our profession that we continue to push ourselves to grow professionally. Think outside the box and provide your students with an opportunity to stretch their minds on rich problems that require them to work together in order to gain a deeper understanding of the concept. When students see teachers who are willing to set goals for themselves and try new things (no matter if they work or not), our students are more apt to do the same.

I hope you all have a great start to the 2016-2017 school year. If CTCTM can be of any assistance to you, please let us know by emailing us at ctctm.officers@gmail.com. We will see you at the fall meeting on October 13th!

Kayla Brown

CTCTM President, 2014-2016



Like us on Facebook for updates!

Direct URL is

<https://www.facebook.com/ctctm4U?fref=ts>

Or just Google CTCTM and you can find us!

SAVE THE DATE!

CTCTM Fall Meeting

Date: Tuesday, October 18, 2016

Time: 5:00-6:30 pm

Location: Baylor University

Marrs McLean Science Building, Room 101 (Packard Hall)

A map of the campus will be posted on the website that indicates parking areas and location of the building. Should you need further information, please email (Kayla.Brown@midwayisd.org)

The Fall 2016 program will include CTCTM announcements, updates from the state, activities for the K-12 classrooms to support literate mathematicians, and door prizes. Refreshments will be served. Following the meeting we will have an open house in the Baylor University School of Education Mathematics Education Lab so you can look at resources that you might be interested in checking out for use in your classroom.

What an exciting time to be in mathematics! I cannot remember a time when education has leveled the playing field as much as when they changed our elementary mathematics (and now secondary) standards a few years ago. It didn't matter if you had taught math for twenty years or for two-- everyone felt like a first year teacher.

I am Becky Hahne, Dean of Students in Math and Science (K-3) at Robinson ISD. In my role, I am privileged to help teachers, students, and parents develop their understanding of how mathematical education is changing. We are not just teaching standard algorithms anymore; we are teaching for a deeper knowledge of mathematical concepts.

I look forward to collaborating with you so we can benefit from each other's success. Don't forget to visit the NTCTM website (ntcm.org) for some great ideas to begin the school year off on the right foot!

Becky Hahne
NTCM Representative (www.ntcm.org)

University Greetings

Welcome back to school! I hope the year is going well for you so far. Let me introduce myself to you and extend a helping hand.

I'm Michelle Moravec, current VP for University, a native of Stephenville, and graduate of Tarleton State University. I'm one of those not-so-rare English/Math combination people, with certification in both. After TSU, I went to Southwest Texas (now Texas State) to get my MEd in Math and work with Dr. Paul Kennedy. My whole public school experience includes two great years teaching remedial math, Algebra I, and Geometry at Ingram High School. I loved it, but marriage brought me to Waco. Once here, I started at MCC, stopped to have kids, and am back at BU and MCC now.

Your days at school can be long and hard with classes, grading, and extra duties, but I want to thank you for the work you are doing with the children of McLennan county! Here's to a great year!

Michelle Moravec
Vice-President University

CONSTITUTIONAL BYLAW CHANGE

On October 18, 2016 we will consider appointing a vice-president to represent pre-service teachers. Currently we have vice presidents to represent elementary, middle, secondary, and university educators. CTCTM has a large membership of pre-service teachers who are not represented on the Executive Council. In order to have equal representation for all members, a newly appointed vice-president will be discussed and voted upon!

Bylaw to be considered at the October 18, 2016 meeting.

ARTICLE IV: OFFICERS

Section 2. A CTCTM Vice-President for pre-service teachers will be appointed by the Executive Council. The Vice-President for pre-service teachers will serve a one-year term.

In addition, we will consider amending a bylaw to more accurately reflect the term of membership.

Current Constitutional Bylaw Reads

ARTICLE II: DUES

Section 1. The membership year of this Association shall commence February 1 and terminate January 31.

Amended bylaw to be considered at the October 18, 2016 meeting:

ARTICLE II: DUES

Section 1. The membership term of this Association shall extend one calendar year from the date of payment.

These will be voted on at the October 18, 2016, meeting. As per our constitution, this newsletter serves as the 30-day advance notice.

MARK YOUR CALENDAR!

CTCTM Spring Conference
TENTATIVELY set for January 21, 2017
www.ctctm.org

National Council of Teachers of Mathematics Annual Conference (NCTM)
April 5-8, 2017, San Antonio, TX
www.nctm.org

Conference of the Advancement of Mathematics Teaching (CAMT)
July 10-12, Fort Worth, TX
www.camtonline.org

High School Thoughts

Developing Literate Mathematicians!

The look of shock (and maybe a little fear) on my students faces when I give them lines next to their problem to explain their reasoning is one of the main reasons I do it. Not because I enjoy watching them squirm, but because I want that look of shock to decrease throughout the school year. At the AP Annual Conference last summer, I went to a training on writing in AP Calculus and one of the speakers suggestions was to create a word bank with words that the students were required to use (this particular example was a graph with words such as increasing, decreasing, maximum, minimum, critical point, etc.). She described how she started at the beginning of the year with writing assignments with word banks and slowly took away the word bank and had students create their own word bank. This minimized the “risk” the student felt when explaining their reason. Even though this was an example for an AP class, the principle of minimizing the risk of analyzing given information could apply to any math course. I look forward to using this in other courses this upcoming year!

Caitlyn Thelen Layman
Vice-President High School

Middle School Thoughts

PERKS!

Yes, perks. Teaching does have perks, although peculiar. Are there any other professions who work intensely for 183 days, stop for a few months, then start all over fresh again? I call that a perk, because everyone deserves a fresh start, no matter how last year ended.

Even middle school has its perks. How many professions work for 50 minutes, then go out in the hall for 4 minutes to visit with your friends? The bell rings, and you do it again. Access to the copy machine and PLC time is another perk available at my school.

Middle school chose me. I am a former elementary teacher who was dragged to middle school by a co-worker who just knew we would both fit there. As that year began I realized it was my calling. If middle schoolers don't make you laugh, you will not survive. Middle schoolers make me laugh. Here is my perception of middle schoolers. Sixth graders run everywhere they go, because they are so glad to be here. Seventh graders also run, but they are so confused they run into each other. Eighth graders are above it all. They saunter slowly, in no rush, and are annoyed by those pesky sixth graders. You just never know what tomorrow will bring in middle school.

Seriously, middle school is all about relationships. Middle schoolers will go to the moon for you if they know you have their backs. Make connections with your students. Enjoy your students. Laugh with your students. So as the new year begins, enjoy your perks. You deserve them.

Jane Sykes
Vice-President Middle School

Elementary Thoughts

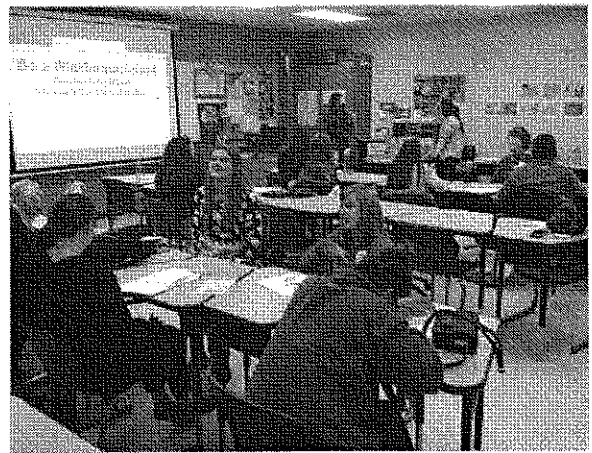
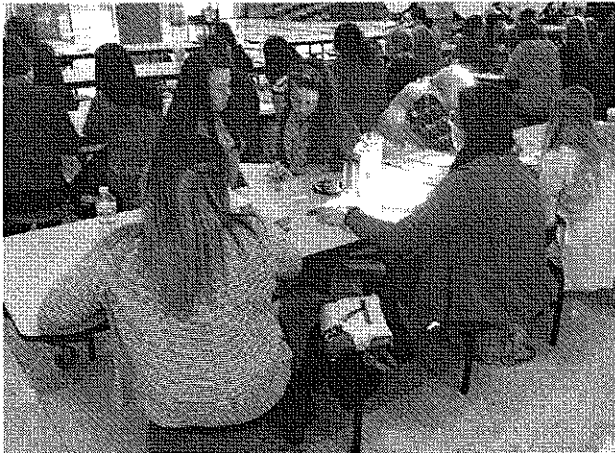
Recently about 200 local elementary mathematics teachers were asked to select topics that they would like to further develop in their classrooms. One topic was not selected by any teacher: mathematical discourse. After talking with some of the teachers, I realized that if it were called “math talk” or “communicating in math,” mathematical discourse would have been a popular topic!

So, what is mathematical discourse and why is it so important? Elementary teachers across the state have noticed that our process standards, which are the ways our students engage in the content, require that students communicate verbally and written, represent their ideas with diagrams, defend their mathematical thinking, and evaluate the processes they use for solving problems. In a nutshell, this is mathematical discourse—students reasoning about mathematics and having meaningful discussions about their ideas. Important elements that encourage rich mathematical discourse are: 1) creating an environment that welcomes student discussion (not simply right answers) and 2) setting an expectation that every student has a voice in the discussions.

As elementary teachers begin a new school term, one goal we might embrace is to develop an environment that creates opportunities for each student to make mathematical conjectures, interact with ideas from other students, and convey understanding in multiple ways.

Debbie Perry
Community Relations Representative

Sharing Our Expertise at the 2016 CTCTM Conference!





**CTCTM Spring Conference, January 21, 2017
Speaker Proposal Form**



If you are interested in submitting a proposal please provide the following information:

I. Presenter Information

Name _____
 Address _____
 City/State _____
 Zip _____ Phone _____
 School Name _____
 Email: _____

II. Presentation Information

Title of Session _____
 Grade Level(s) (Please check all that apply.)
 PK-2 ___ 3-5 ___ 6-8 ___ 9-12 ___ College ___

Description (Limit 25 words - may be done on separate sheet and attached)

Please give the same information for additional speakers on a separate sheet.

Email to: Rachelle_Rogers@baylor.edu

or Mail to: Rachelle Rogers
 One Bear Place 97314
 Waco, TX 76798

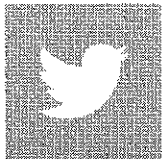
**All proposals should be received by
 December 10, 2016.**

This form is also found in an electronic format or in online submission format on the CTCTM web site
 (www.ctctm.org)

Be sure to share with your colleagues!

Connect with us and stay up to date on the happenings!

*Webpage:
<http://www.ctctm.org>*



Twitter: @CenTexCTM



Don't forget to like us on facebook!

Has your membership information changed?

Please contact Patricia Bahnsen to update your information.

Patricia_Bahnsen@Baylor.edu

Central Texas Council of Teachers of Mathematics (CTCTM) Professional Mathematics Organization Scholarship

This scholarship will award a one-year membership to the National Council of Teachers of Mathematics (NCTM), a one-year membership to the Texas Council of Teachers of Mathematics (TCTM), and a one-year membership to the Central Texas Council of Teachers of Mathematics (CTCTM).

Deadline: January 1, 2017

Eligibility: Any student attending a Texas college or university and who plans on student teaching during 2016 in order to pursue teacher certification with a specialization or teaching field in mathematics or any teacher who has taught for fewer than two years and who is not a member of TCTM or NCTM. The applicant must either have permanent residence in one of the counties served by Region 12 in Central Texas or attend a college/university located in counties served by Region 12 in Central Texas.

Applicant Information-All information must be complete for consideration.

Name: _____
Last First Middle

Address: _____
Number & Street

City State Zip Code

Contact: () _____ () _____
Home Phone Work Phone Email Address

College/Campus Information

College/Campus Name _____ Graduation Year _____

Teaching Certification: _____ Years Taught: _____

Campus/School District: _____

You must submit the following electronically by **January 1, 2017** to kayla.brown@midwayisd.org President of CTCTM:

1. Completed application.
2. An essay of 500-1500 words that describes how membership in a professional mathematics organization will help you as a teacher of mathematics.

Questions may also be sent to the same e-mail address. Information concerning this scholarship can also be found at www.ctctm.org. Click on Resources and Centers and then the Central Texas Council of Teachers of Mathematics link. An appointed CTCTM committee will review applications. Recipient's name will be submitted to the CTCTM Executive Board who will then notify the recipient and post name to CTCTM website.

Central Texas Council of Teachers of Mathematics

CTCTM Membership / Information Form

All information provided is confidential and not available to outside sources without the express written permission of the CTCTM Executive Council.

First Name _____ Last Name _____

Mailing Address _____

City _____ State _____ Zip _____

Name of School _____ Your Position _____

Home Phone (_____) _____ Work Phone (_____) _____

Preferred Email _____

Are you a member of NCTM? (Circle) yes no Are you a member of TCTM? (Circle) yes no

Please join or renew your membership to NCTM online (www.nctm.org), using the pull-down menu to indicate that you are a member of CTCTM. NCTM gives CTCTM a small portion (\$3 - \$5) of your membership, which really helps us.

Please check one of the following:

School Type: _____ Public
 _____ Nonpublic

Check those that best describe your level of involvement:

_____ Teacher _____ P-2
_____ Student _____ 3-5
_____ Counselor _____ 6-8
_____ Principal _____ 9-12
_____ Supervisor _____ University
_____ Other: _____

Annual Dues:

Regular Membership \$15.00

Student Membership \$5.00

Make check payable to **CTCTM**.

Mail to:

Patricia Bahnsen

Baylor University

One Bear Place #97328



Waco, TX 76798

ADMINISTRATIVE USE ONLY

Date Entered/Renewed _____ Amount Paid _____

Membership Expiration _____ Acknowledgment Sent _____

2016-2017 Officers

President Kayla Brown Midway ISD Kayla.brown@midwayisd.org		Past-President Trena Wilkerson Baylor University Trena_Wilkerson@baylor.edu
Vice President - Elementary Arash Abnoussi Castleman Creek Elementary Arash.abnoussi@midwayisd.org	Vice President – Junior High Jane Sykes Atlas Academy Jane.sykes@wacoisd.org	Vice President - High School Caitlyn Thelen Layman University High School Caitlyn.thelen@wacoisd.org
Vice President - College/University Michelle Moravec Baylor University Michelle_Moravec@baylor.edu	Secretary April Roberson Midway ISD April.Roberson@midwayisd.org	Treasurer Cheryl McDuff China Spring High School Cherylmcduff1@gmail.com
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CTCTM

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