



Michigan
Council of
Teachers of
Mathematics



CURRENT TRENDS

THE EFFECTS OF MATH INTERVENTION FOR 1ST & 2ND GRADERS

A study was performed on 1st and 2nd graders to determine the effectiveness of math intervention. They participated in 15 minute intervention sessions 3-4 times a week for 18 weeks. The intervention was performed by trained tutors in small group settings. The focus was on grade level content with "booster lessons in number concepts, base 10 and place value, and addition and subtraction combinations." The results of the study showed that these interventions were indeed effective for 2nd graders. The effect was unable to be substantiated for 1st graders, however, it could be argued that the intervention time may need to be increased to help understand concepts better. See the full article [here](#).

WHAT DO YOU DO FOR MATH INTERVENTION?

The effects of COVID on children's education are still extremely relevant to teachers. What is your school using for math intervention? Help us discover what is being used around Michigan. Email us [here](#) and you can be featured

in the next newsletter. Want to remain anonymous? That's fine too, just let us know what you are using and how you think it is going. The goal is to find resources to help all teachers so we can catch these kiddos up!

PROFESSIONAL DEVELOPMENT

MATH RECOVERY

"We empower educators to advance students' mathematical thinking and success." Math Recovery offers professional learning to educators and math coaches to advance their idea of mathematical concepts. You learn the progression of mathematical concepts along with teaching techniques and numerous games to play with students based on their deficiency. Check out their course offerings [here](#) and even try asking your district if they would cover it for you. Take a look at this game below that I've played with my own students to help with number sense.



**POPULATION 8 BILLION....COMING
SOON**



In November, the world is expected to hit a population of 8 billion. Population Education is helping teachers celebrate this event OCTOBER 19th by providing lesson plans and professional development that is specific to teaching math. Sign up [here](#) for this FREE offering or simply sign up for emails to be included on future offerings or free lesson plans.

MAISA GELN

In the past two years, the MAISA GELN Disciplinary Literacy Task Force has been hard at work supporting districts learning about and/or implementing disciplinary literacy instruction. To that end, Task Force members have been engaged in the revision and creation of our supporting documents: the [Essential Practices for Disciplinary Literacy Instruction in the Secondary Classroom: Grades 6 to 12](#) and the [Essential School-Wide Practices in Disciplinary Literacy: Grades 6 to 12](#). In addition, our ongoing work includes planning for, creating and implementing professional learning for secondary educators and using our [blog](#), [Twitter](#), and other publications to broaden awareness about this initiative and its benefits to our secondary students.

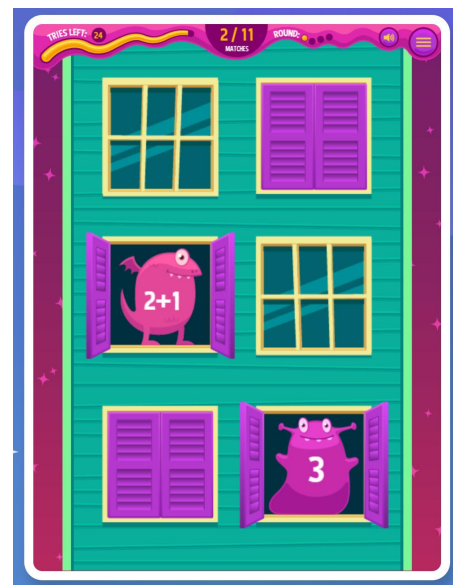
Most exciting has been the development of our online, self-paced courses in EduPaths. [Course 1: Issues of Identity and Community](#) and [Course 2: Framing Problems and Setting Purpose](#) are live, and we encourage individual teachers and teacher teams to use these courses to initiate conversations about instructional practices designed to increase adolescent literacy within and across disciplines. Courses are being released once they are finalized; all seven courses will be available by Spring 2023.

To learn more about our work, visit our [website](#), and be sure to check out our discipline-specific [Resource Hubs](#) for resources aligned with each of the ten essential practices.

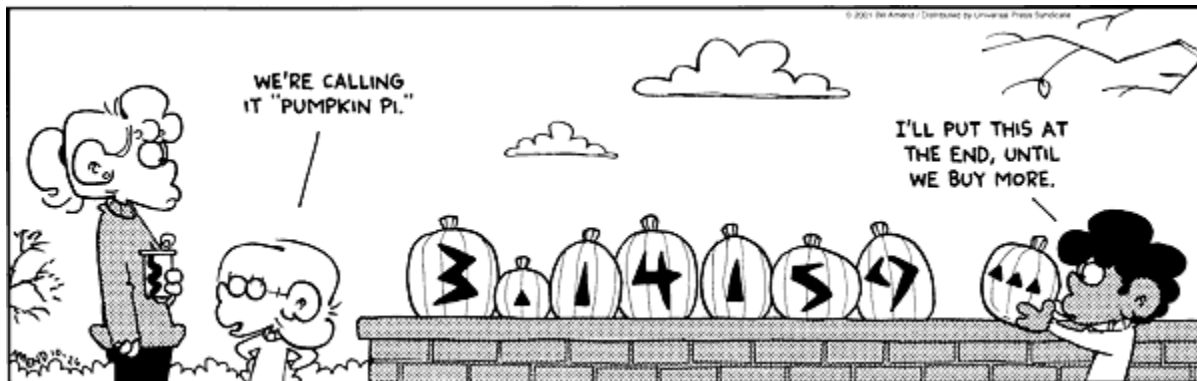
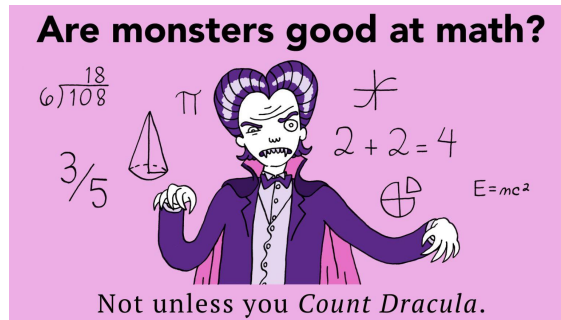
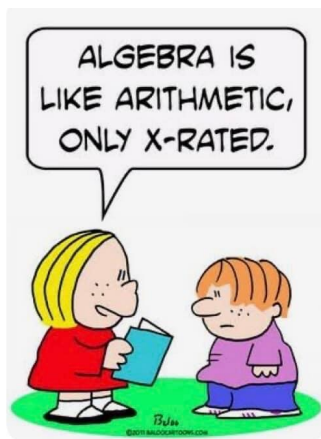
GAMES & THINGS

IXL HAS GAMES!!

Anyone else been using IXL? Our school has and I love it especially because it fits right in with my Eureka curriculum and the kids can follow a skill plan based on each lesson we cover in class. Well did you know IXL also has games built right into the site that fit into the standards you are working on. Best part...the kids almost don't even know they are practicing math. [Check it out!](#)



MATH JOKES



Have your own joke or seen something funny? Share it [here](#) to get it entered in the next newsletter.

EVENTS

**MCTM ANNUAL CONFERENCE--OCT
22ND--VIRTUAL**

MICHIGAN COUNCIL OF TEACHERS OF MATHEMATICS

MCTM

ANNUAL CONFERENCE

VIRTUAL

KEYNOTE SPEAKER
AMANDA JANSEN

Rough Draft Math



CONFERENCE STRANDS

Effective Math Teaching Practices
Building Mathematical Knowledge
for Teaching
Teaching and Learning in Today's
Era

SCHEDULE

8:30a - 9:00a KeyNote Speaker
9:15a - 10:30a Session 1
10:45a - 12:00p Session 2
12:00p - 12:45p Lunch
12:45p - 2:00p Session 3
2:15p - 3:30p Session 4

REGISTER HERE!

saturday
22ND

October 2022

for more information visit our website

WWW.MICTM.ORG

8TH ANNUAL MRALT CONFERENCE



8th Annual MRALT Conference: For Educators, By Educators

The Michigan Council for Exceptional Children (MCEC), the Michigan Council of Teachers of Mathematics (MCTM), and Alt+Shift are pleased to announce that our 8th Annual Mathematics: Reaching All Learners Together (MRALT): For Educators by Educators Conference will be structured as a virtual conference this year. This conference is designed to increase collaboration and shared learning between general and special education math teachers. Participants will learn about strategies, tools, and techniques that aid teaching and learning math for students with IEPs.

What: 8th Annual MRALT Conference: For Teachers, by Teachers
Details: Keynote: November 14, 2022 - 4:00pm
Recorded Sessions: Available November 14th through December 2nd
Cost: \$10.00 for MCEC and MCTM Members; \$25.00 for Non-Members
SCECH's: Up to 12.25 SCECH's are available - these are FREE!!!
Registration: Register here: <https://cvent.me/gerzQG>



MEMBER HIGHLIGHTS

TELL ME MORE, TELL ME MORE...

Members, yes YOU! Email publications and tell us a little about yourself and you could be highlighted in our next newsletter. Tell us about you, your family,

CLASSROOM TIPS & TRICKS

8 ESSENTIAL TEACHING TIPS FROM SOMEONE WHO HAS SEEN IT ALL

Great article by Suzanne Capek Tingley, M.A. Degree & Veteran Educator. Here's her tips:

- Don't grade everything
- Let students know what's going on
- Explain procedures and expectations
- How you treat students matters
- You don't know every kid's home life
- Keep your sense of humor
- Socializing with colleagues is good for you
- Your connection to your students might surprise you

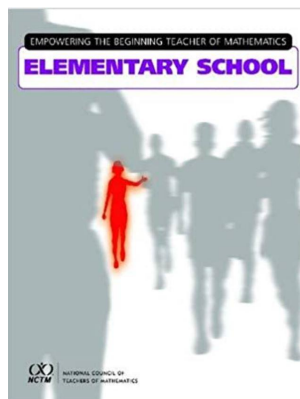
Check out the whole article [here](#).

TOP 10 THINGS I WISH I HAD KNOWN WHEN I STARTED TEACHING

10. Not every student will be interested every minute.
9. If a lesson is going badly, stop.
8. Teaching will get easier.
7. You do not have to volunteer for everything.

6. Not every student or parent will love you.
5. You cannot be creative in every lesson.
4. No one can manage portfolios, projects, journals, creative writing, and student self-assessment all at the same time and stay sane!
3. Some days you will cry, but the good news is, some days you will laugh!
2. You will make mistakes.
1. This is the best job on earth!

Check out the full article on [NCTM](#). These are tips from the series [Empowering the Beginning Teacher in Mathematics](#), which can be purchased



at Barnes & Noble.