

CPM Conference 2019

Theme.... “More Math For
More People”





Travis Kent - Mt. Harrison High School

- CPM Assessment Strategies - Structure Formative and Summative Assessments Aligned to CPM Content and Pacing
- Interactive Notebooks in the CPM Classroom
- Implementing the 5 Practices with Desmos - Directly from the Desmos founder



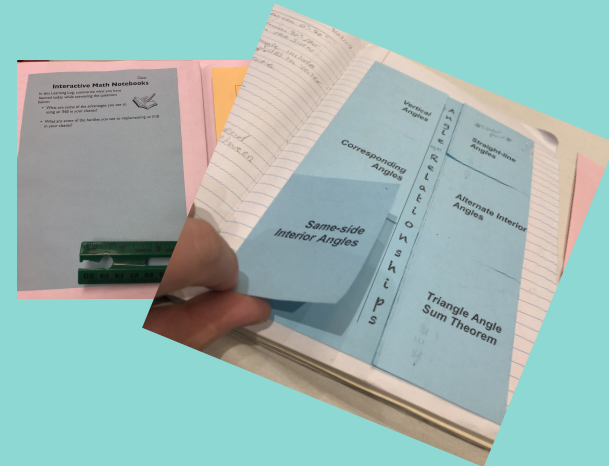
Teacher.desmos.com

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Classroom Activities



Founder and CEO, Desmos.com



Kyle Meyers - Minico

- **Team Building Tuesday**-Every Tuesday, I take the first 5-10 minutes of my class to do a team building activity. If you want to participate, see you Tuesday.
- **Christopher Danielson**-Keynote Speaker *Which One Doesn't Belong? And How Many?* Books to start Math Discussions in the classroom and at home with my kids. They loved them at home.
- **Summative vs. Formative Assessments**-We need to look at how we are testing our kids and make some changes. We are new in this curriculum, but always deciding what is BEST for our kids.

How Many?





Karyn Amen - Minico

Effective Teacher Support for the Team Dynamic: “Three Pass Promise”:

- **First Pass: Check, have students started the problem?**
- **Second Pass: Look for common mistakes.**
- **Third Pass: Ask questions to push for deeper thinking.**

Comfortable Classroom Environment: Help students develop into an empathetic, communicative community of learners through team building activities such as:

- **Circle of Power & Respect (CPR): Sharing opinions**
- **The pipeline/marble challenge: collaborating to build a physical object**
- **Gotcha: hands one game of who is the quickest**
- **1 to 100: group activity focusing on looking for patterns**
- **The Color Test: Survey that supports diversity in teams**
- **Which One Doesn't Belong? OR How Many?: Group discussion focusing on how we all think differently**

Lesson/Chapter Closure: the key to linking new learning to previous knowledge is best achieved through collaborative team activities such as:

- **“I Love Math”:** Similar to bingo
- **“3 Strikes”:** Allows Teams to “strike out” other teams with correct answers
- **“I See Stars”:** A contest where teams earn “stars” (points) for working together to solve problems
- **“Walk Down Memory Lane”:** Students have the opportunity to reflect on their own learning

Note: I have currently implemented the 3 pass promise and Which One doesn't belong. I am building new closure activities for the MHS Integrated 1 team to use for Chapter closure



Mindi Yore - Mt. Harrison Jr. High

Psychologically and Emotionally Safe Classrooms

- The classroom needs to be a Safe Zone.
- Students learn best when they have the opportunity to connect and interact with others.
- Provide brain break activities during class.
- Teaching and building empathy will help with students psychological safety.
-“I wish my teacher knew” activity- notecard to each student with this sentence starter.

“Students don’t care how much you know, until they know how much you care”

Mrs. Yore I just wanted to let you know that the reason that I'm really stressed out is because I really miss my big brother. I miss him because he got deported to Mexico. He said he was coming back in April. I hope he gets to stay with Nue because he is like a dad figure to me. I hope he wants to do the father daughter dance in my 15.

Jaclyn Barkes - East Minico Middle School

Building The Whole Child

- **Building value and confidence in the classroom** - All answers need to be valued, even wrong answers. Focus on positives and CELEBRATE mistakes! There is value in making errors and finding solutions. Create a safe environment for students to feel accepted in.
- **Eradicate Deficit and Negative Thinking** - Create an “academic mindset”.
 - Belonging Mindset: I belong to this academic community
 - Value Mindset: This work has value for me
 - Growth Mindset: My ability and competence grow with my effort
 - Self- efficacy: I can succeed at this
- **Create a Mathematical Mindset** - Math talks are a great way to create dialogue and discourse amongst students.
 - *“Flexibility of numbers ... the ability and willingness to break numbers apart – or decompose them – and regroup them is a fundamental piece of truly gaining numeracy and number sense. This is an important base from which all other mathematics builds.” - Jo Boaler*



Terri Bruns - West Middle School

- **Student Motivation - involving students in teams/groups and team building activities transfers to increased motivation toward learning**
- **Standards/Skills/Concepts Based Grading - breaking down what students need to learn into smaller “chunks” enables them to find success**
- **Writing Small Goals = Big Successes! - when students are given opportunities to write small team/behavior/learning goals, they feel “in charge”**

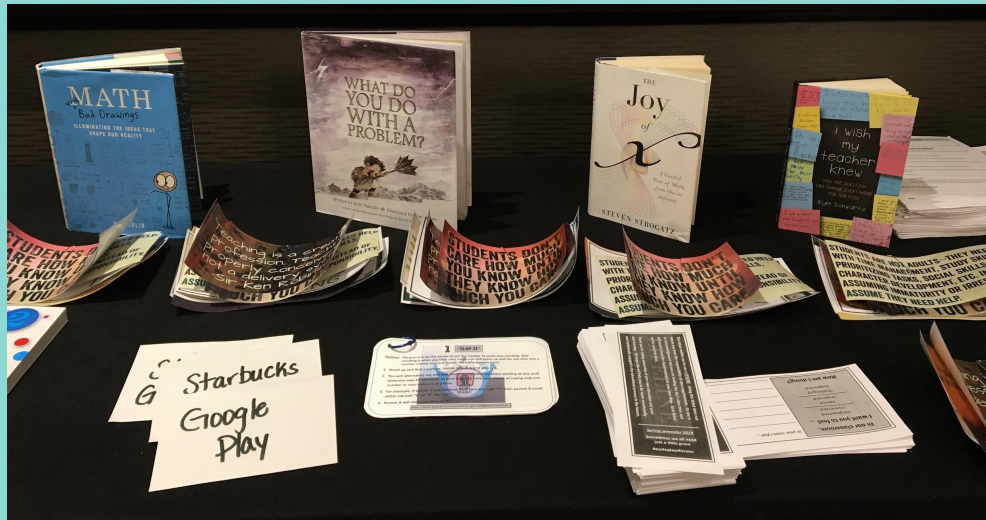


Suzette Miller- Secondary Student Achievement Director

- CPM - Implementation Support - Progress Tool- The 3 Pillars
(Collaborative Learning, Problem- Based Learning, Mixed, Spaced Practice)
- Ice Breakers, Team Building Activities for ALL Teams(Making Time for who is important.....the TEAM) Creating a culture of **learning together**
- View of Assessment as a “Growth Opportunity”....handout
- My Favorite quote...“The best thing about being a teacher is that it **matters**. The hardest thing about being a teacher is that it **matters** every day.”

Thank you.....

- We appreciate the support of the School Board, Dr. Cox, and the administrative team for providing an opportunity to grow and learn as educators in the field.
- We are looking forward to the opportunity to share our “takeaways” with our colleagues.



A photograph of an audience at a conference. In the foreground, a woman with blonde hair, wearing a cream-colored cardigan, is smiling and looking towards the camera. She is holding a yellow highlighter and looking at a document on her lap. To her right, another woman with brown hair, wearing a patterned top, is also smiling and looking towards the camera. In the background, several other people are seated, some looking towards the camera and others looking forward. A man in a white polo shirt with an Under Armour logo and a name tag is visible. The background features a wall with a textured, wavy pattern. A teal overlay with white text is positioned in the upper right quadrant of the image.

First Day of the CPM Conference

A photograph of a conference audience. In the foreground, a woman with blonde hair, wearing a white cardigan and a patterned top, is looking towards the camera. She has a name tag that says "MINDY" and "CPM". She is holding a yellow highlighter. To her left, another woman with blonde hair, wearing a white cardigan, is looking towards the camera. She is also holding a yellow highlighter. In the background, many other people are seated, some looking towards the front of the room. A text overlay in the upper right corner reads "LAST Day of the CPM Conference".

**LAST Day of
the CPM
Conference**