### Missouri Council of Teachers of Mathematics | April 2022



#### **Virtual Summit Room I**

## 9:00 AM-Using Rubrics to Improve Self-Assessment and Growth Mindset

Our 5th/6th grade students have been using a rubric to think about their Mathematical Mindset, their problem-solving skills and strategies, and their communication of solutions. We'll share the rubric and why we are so excited to continue using it! **General** 

Jenni Wall, Northwest Missouri State University



#### 9:30 AM-The Potential of Math Reimagined

Math Reimagined emphasized interactive learning to promote the involvement of Missouri girls and non-binary individuals through math virtual tutoring and weekly virtual classes. Though at a pausing point, the potential of such a program is great. **Grades 3-8** Shubha Gautam, *Rock Bridge High School* 



#### 10:00 AM-Earning and Learning

An incentive/reward program that teaches coin identification, adding coins, and financial responsibility. Used for RTI students 1st-5th. They earn coins used to purchase rewards. **Grades K-2** 

Tamye Almon, Murphy Elementary Northwest R1 School District

## 10:00 AM-The Infinite Classroom

label (e.g., fifths). Grades 3-5

Virtual Summit Room II

General

**Online Whiteboard** 

Use of the Word Label

Patrick Sullivan, Missouri State University

Strategies and ideas for helping students unlock their mathematical mindset potential derived from a book study over *Limitless Mind: Learn, Lead and Live Without Barriers* by Jo Boaler. **Grades 9-12**Potricia White North Andrew High School

9:00 AM-A Middle School Math Teachers Experience Using an

online white board has been used as a formative assessment tool.

9:30 AM-Overcoming Barriers to Understanding of Fractions:

In mathematics the same numeral can have different meanings [i.e.,

300, 0.3, 8/3, 3/5]. In this session we will make an argument for why it

is critical that early work with fractions must involve the use of the word

Stephen Marlette, Southern Illinois University Edwardsville

A university professor and middle school math teacher share how a free

Patricia White, North Andrew High School



#### 10:30 AM-Parents Just Don't Understand...So Let's Teach Them!

What is the best investment in a child's education? Family engagement! This session will share accountable activities and expectations for both student and parents resulting in increased parent involvement and improved student outcomes. **General** 

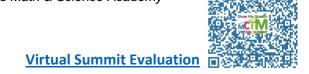
Demicco Witherspoon, Grandview C4 Schools

**Note:** MCTM will email the official Show Me Growth Virtual Summit program with Zoom links to all registrants on Friday, April 1 by 5 pm.

# 10:30 AM-Travel the World with Flags: Using Desmos to Explore Design with Equations & Inequalities

Explore and discover how to replicate flags of various countries using math concepts within Desmos such as: linear equations/inequalities, absolute value equations/inequalities, equations/inequalities of circles, and domain/range. **Grades 9-12** 

Kelly Remijan, Illinois Math & Science Academy





## Are you looking for professional development this summer?







Through the Fund for the Advancement of **Mathematics Education** (FAME), the Missouri Council of Teachers of Mathematics awards up to \$2000 annually through competitive mini-grants.

Submit by April 7, 2022

For less than the cost of a trip to the movies, your MCTM member benefits include:

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- Discounted math contests
- Math and Art Contest
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