

Online Monthly Meeting

Navigation Guide

Tuesday, February 6, 2024

5:00 pm MST- 6:30 pm MST

Zoom <https://isu.zoom.us/meeting/register/tZYocuGtaTojH9Y3Udh7KgoH68AkGkiUFR1>

Materials Needed:

[Slides](#)

Printing Recommendations: If you're one who prefers paper copies, take a look at the activities and documents below, some are readings, video transcripts, etc.

Reflection

5:00

- **Discussion around January Exit Tickets**

- How and where can I display the mathematical practices in a way that is visually appealing and can be referred to often.
- Ways to “allow them to struggle”. Trying to find the balance of helping them step it out, but not take away the struggle and learning process.
- As always, I feel pressed for time in trying to implement things. How to get it all in?

5:15

Math Tasks (You chose which breakout room based on task)

- Set goal around mathematical behavior or practice standards
 - [Setting Up Positive Norms in Math Class - youcubed](#)
 - [Mathematical Practices Look Fors Student Behaviors](#)
- Select your task and start thinking about it
 - [How many Squares can you make using the dots on this grid?](#) - Breakout Room 1
 - [“Array” Bow of Colors](#) - Breakout Room 2
 - [Open Middle - Linear and Quadratic System](#) - Breakout Room 3
 - [How Many Hot Dogs and Buns Should He Buy?](#) - Breakout Room 4
- Go to the breakout room for the task you want to work on and work with your group to solve the task
- Think about and Discuss
 - What makes it a rich task?
 - Which Mathematical Practice(s) does it connect to?

5:45

Open Forum

Learning Focus: What makes for a Rich Mathematical Task?

1. What success have you had with using rich math tasks in your classroom?
2. What challenges do you have with using rich math tasks in your classroom?

3. What questions do you have about rich math tasks?
4. How do you envision adding rich math tasks to your current curriculum?

6:00 Taking Action

Pick one task for tonight's work

Move to grade level breakout room (for support/ collaboration to discuss ideas)

Task 1- Implementing Standards for Mathematical Practice in the classroom

1. Take time to read over the resources below on how to Implement Standards for Mathematical Practices
2. Look at the Teacher and Student Actions/Responsibilities on the Observation Tool
3. Discuss ways of when/how you will implement this task in your class

Task 2- Finding Rich Mathematical Tasks

4. Look through the resources provided below or some of you own to find math tasks to use with your curriculum.
5. Compare the task with the Implementing Standards for Mathematical Practices Resource
6. Is the task a rich task? Which Mathematical Practice would it align with?
7. Plan when/how you will implement this task in your class

Resources

[Implementing Standards for Mathematical Practices Resource](#)

[Standards for Mathematical Practices Observation Tool](#)

[Achieve the Core - Coherence Map](#)

[Tools for Teachers - Idaho](#)

[Mathematical Practices Posters](#)

[Setting Up Positive Norms in Math Class - youcubed](#)

[Mathematical Practices Look Fors Student Behaviors](#)

[Building Thinking Classrooms Book Study](#)

[Engaging Math Tasks](#)

[MathforLove - Free Lesson Library](#)

[Youcubed tasks](#)

[youcubed Mathematical Mindset Practices Rubric](#)

[Illustrative Math Middle School Routine List](#)

[Building Thinking Classrooms Rich Tasks](#)

[Think, Thank, Thunk Task Database](#)

6:25 Closing Business

1. Reflect on your Mathematical Behavior Goal you set tonight
2. [Zoom link](#) to sign up for next session
3. Implement Taking Action Items

4. Complete [February Collaboration Exit Ticket](#)
5. Sign Up for [Idaho Standards Academy](#)
6. Next Month Pre-session date 2/20 - "Giving Students Greater Responsibility"
7. Next monthly meeting date 3/5 @5pm
8. [Teacher Stipend Requirements/ Tracking](#)

Breakout Rooms: Assigned by grade level

Room 1 (K-2)

Room 2 (3rd/4th)

Room 3 (5th/6th)

Room 4 (7th/8th)

Room 5 (9-12th)

Room 6 -15
(open to anyone)