

M³ MOLDING MATH MINDSETS Series

FACILITATOR



Shannon McCartney,
Strategic Intervention Solutions

SESSION DETAILS

*Sessions must be registered for separately

Cost

Includes binder of material

\$10 per session | BAISD districts

\$30 per session | Outside districts

Time

All sessions will be 8:30 am - 3:00 pm

Location

Bay-Arenac ISD ESC
4228 2 Mile Road
Bay City, MI 48706

Lunch will be provided

NUMERACY DEVELOPMENT

[Register Now!](#)

WHEN: October 15, 2025 | **AUDIENCE:** Grades: PK–2nd

Are your students counting only on their fingers or doing one-to-one counting with touch and counting to give you a total? Students might be fast counters, but that doesn't mean they have the necessary numeracy development skills. Let's peel back the layers of numeracy, and change the way you think about numeracy development with young children.

This foundational workshop will equip you to:

- Use inquiry-based questioning to help students explain their math thought processes
- Peel back the layers in numeracy from PK to 2nd grade
- Implement numeracy talks in the classroom
- Discover easy-to-implement numeracy screeners, games and activities

FOUNDATIONS OF NUMBER SENSE: Addition & Subtraction

[Register Now!](#)

WHEN: November 11, 2025 | **AUDIENCE:** Grades: 1st–5th

Gone are the days of one way to arrive at an answer for an addition or subtraction problem. Transform how you think about solving algorithms so you can help students explain their thinking in multiple ways.

In this workshop, you will learn:

- The Math Mights' strategies to solve problems 3 ways plus the traditional
- How to use concrete manipulatives like place value discs and strips
- How to help students understand the why before the how
- How to implement number talks in the classroom

FOUNDATIONS OF NUMBER SENSE: Multiplication & Division

[Register Now!](#)

WHEN: December 17, 2025 | **AUDIENCE:** Grades: 3rd–5th

Are your students struggling with their math facts and then transferring to long division and multiplication? Peel back the layers of multiplication and division to help students build a firm foundation for these operations.

In this workshop, you will learn:

- How to move from a kinesthetic, concrete, pictorial, and abstract (CPA) understanding of these concepts
- The progression in multiplication and division
- Three ways plus the traditional to solve problems for deeper understanding

DEMYSTIFYING FRACTIONS

Register Now!

WHEN: January 14, 2026 | **AUDIENCE:** Grades: 3rd–5th

Let's go beyond "Don't ask why, invert and multiply." It's time we help students build a strong conceptual understanding of fractions using a variety of visual models, concrete manipulatives, and hands-on activities.

Learning how to build a foundational understanding of fractions sets students up for success when they move to algorithms and abstract equations.

In this workshop, you will learn:

- The progression of fractions with concrete examples for each grade
- Utilize a variety of concrete tools to help students understand the why before the how with fractions. Games and activities for purposeful practice

VISUAL MODELS FOR WORD PROBLEMS

Register Now!

WHEN: February 25, 2026 | **AUDIENCE:** Grades: K–5th

Do your students often guess and check and appeal and ask you to tell them which operation to use when solving word problems? It's time we flip the script and help teachers gain confidence in teaching word problems with the power of visual models.

Our step-by-step method provides a reading comprehension strategy for solving word problems to help students build a deeper understanding of problem-solving.

In this workshop, you will learn:

- How to help students use visual models as a reading comprehension strategy for word problems
- How to code word problems by type so you can better instruct students on the different types of problems they will encounter.
- Write a story problem based on a visual model.

MATH WORKSHOP NOT ONE SIZE FITS ALL

Register Now!

WHEN: March 19, 2026 | **AUDIENCE:** Grades: K–5th

Do you often feel like "One size fits nobody" when it comes to math instruction for your class? Math Workshop will provide more time for students to have appropriate instructional math within your math instruction.

From small group instruction, games, technology and more you will transform your classroom with a balanced, student-centered approach to learning.

In this workshop, you will learn:

- Develop a successful system to run a Math Workshop in your classroom tomorrow
- Use your math series within Math Workshop by backward designing lessons to meet the needs of all students
- Differentiate math instruction within your guided math group and for students' independent practice
- To develop routines and a culture for students to guide their learning using hands-on manipulatives and game-based learning



EVENT QUESTIONS

Jennifer Socha: sochaj@baisd.net

REGISTRATION QUESTIONS

Diane Joles: jolesd@baisd.net