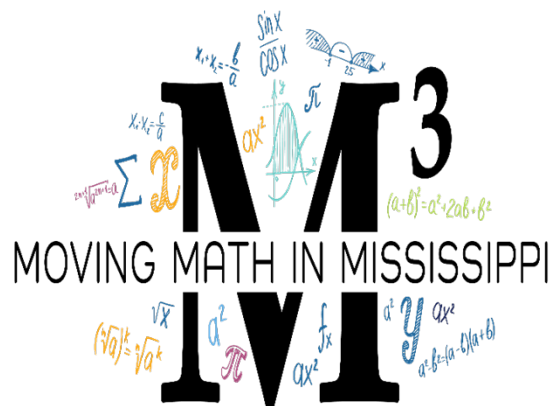


Office of Elementary Education and Reading Division of Mathematics Coaching

Mathematics Coaching Academy of Mississippi (MCAM)



Every Child Counts: Numeracy for ALL



MISSISSIPPI
DEPARTMENT OF
EDUCATION

Acknowledgements

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Marlena Nance | State Mathematics Coaching Coordinator (3-5)

Kanequa Willis, Ed.S | State Mathematics Coaching Coordinator (K-5)



The **Mathematics Coaching Academy of Mississippi (MCAM)** is a professional development program that provides those individuals who currently serve or will serve in a mathematics coaching or mathematics supervisory role in any Mississippi school district to receive the same onboarding coaching training as the MDE mathematics coaches.

As a part of the MDE “Moving Mathematics in Mississippi” initiative, the MDE hired, trained, and deployed mathematics coaches to support teachers and school leaders at schools across the state. Through this initiative, those identified schools have experienced substantial growth in mathematics proficiency, teacher pedagogical capacity, and teacher retention from the instructional supports offered by the mathematics coaching efforts.

The MDE created the MCAM to offer training supports to districts that have their own mathematics coaches/leaders to effectively train those individuals on the same coaching model as the MDE Division of Mathematics Coaching. The MCAM program is designed to prepare K-12 school- and district-based mathematics coaches, mathematics supervisors, or lead mathematics teachers to support teachers, paraprofessionals, and administrators in the implementation of mathematical best practices rooted in the Mississippi Instructional Observation Protocol (MIOP), the Standards for Mathematical Practices (SMPs), and the Effective Mathematics Teaching Practices (EMTPs).

For the 2025-2026 cohort, candidates will be selected based on the following criteria:

- Demonstrates an understanding of the Standards for Mathematical Practices (SMPs), Effective Mathematics Teaching Practices (EMTPs), and the Mathematical Instructional Observation Protocol (MIOP).
- Agrees to remain confidential regarding school level information and data shared during the academy
- Currently serves or will serve in a coaching role for the 2025/2026 school year
- Secures district commitment and superintendent signature to allow participation
- Upon acceptance, commits to completing all program requirements

Additionally, other factors may be evaluated such Mathematics MAAP (Mississippi Academic Assessment Program) proficiency success and/or consistent Mathematics MAAP growth for the school/district supported.

Selected participants will engage in the following MCAM activities over the course of July 2025 to June 2026:

- Attend 2-day training in July 2025 and additional 3 in-person sessions during the 2025/2026 school year
- Participate in 3 virtual sessions
- Complete Canvas coursework facilitated by the MDE Mathematics Team
- Complete a minimum of one shadowing task with an assigned MDE Mathematics Coach and complete targeted coaching tasks during a site visit from MDE Mathematics coach
- Complete coaching portfolio and achieve targeted rubric points on an exit interview



- JULY
 - ***Two Day (In-person) Training: Mississippi Instructional Observation Protocol***
A deep dive into the Core Actions of Mathematics and the MIOP. Cohort members will explore the alignment of the MIOP to the SMPs, ETMPs, and best practices to provide actionable and relevant feedback to teachers and administrators.

- AUGUST
 - ***One-Day (Virtual) Session: The MDE Mathematics Coaching Cycle***
A comprehensive overview of the MDE Mathematics Coaching Cycle and an intentional understanding of its impact on building teacher capacity and supporting student success. *Canvas assignment(s) and reflection will follow session.*

- SEPTEMBER
 - ***One-Day (Virtual) Session: High-Quality Instructional Materials (HQIM)*** When Mississippi math teachers have great instructional materials, they can focus their time, energy, and creativity on bringing math lessons to life and inspiring their students to learn, grow, and succeed. This targeted training will allow cohort members to effectively use all components of state adopted HQIMs. *Canvas assignment(s) and reflection will follow session.*

- OCTOBER
 - ***One-Day (In-Person) Session: High-Quality Instructional Practices (HQIPs)***
A close look at research based, mathematics-specific, high-quality instructional practices that align to the teaching and learning of the Mississippi College- and Career-Readiness Standards for Mathematics including the Instructional Shifts for Mathematics, the five mathematical representations, small group instruction, and the effects of the instructional environment. *Canvas assignment(s) and reflection will follow session.*

- NOVEMBER and DECEMBER
 - ***One-Day (Out of District) Session: MDE Coach Shadowing***
Participants are provided the opportunity to shadow one of the MDE Mathematics Coaches during a site visit at one of their assigned schools. The goal of the session is to provide the opportunity for participants to observe the discussed practices in action and gain insight on the MDE coaching model in action. *Canvas assignment(s) and reflection will follow session.*

- JANUARY
 - ***One-Day (Virtual) Session: Professional Learning Opportunities***
An intensive focus on preparing participants to identify, create, and facilitate effective PLOs with a focus on building teacher capacity and supporting district, school, and classroom mathematics goals. The goal of mathematics professional development is to improve instruction and student learning. *Canvas assignment(s) and reflection will follow session.*



- FEBRUARY
 - ***One-Day (In-Person) Session: Data Analysis and Goal Setting***
An exploration into the power of data analysis and its role in effective goal setting. The goal is to transform data into actionable insights that can drive strategic instructional practices and enhance student performance. *Canvas assignment(s) and reflection will follow session.*
- MARCH and APRIL
 - ***One-Day (In-District) Session: MDE Coach Site Visits***
Participants are provided the opportunity to shadow one of the MDE Mathematics Coaches during a site visit at one of their assigned schools. The goal of the session is to provide the opportunity for participants to observe the discussed practices in action and gain insight on the MDE coaching model in action. *Canvas assignment(s) and reflection will follow session.*
- MAY
 - ***Exit Interviews (In-Person) Sessions: Participant Reflections***
Participants will engage in an exit interview highlighting how their participation in the coaching cohort has impacted their practice and role on their respective teachers. The MDE Mathematics team will review the portfolio submissions based on the provided rubric and provide feedback for each participant.
- JUNE
 - ***Moving Mathematics in Mississippi: Every Student Counts Conference***
Participants will facilitate professional learning session(s) outlining the impact the MCAM has had on their personal and professional journey as mathematics coaches and leaders in their school or district. Participants will be recognized for their efforts and acknowledged in statewide publications for their yearlong participation.

