



K-5 Mathematics Professional Learning Opportunities Guide 2023 - 2024

Welcome to Metro RESA K-5 Mathematics

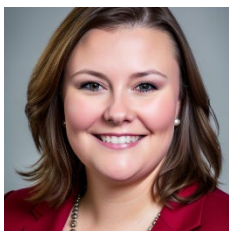
Welcome to Metro RESA's K-5 Mathematics professional learning opportunities guide for the 2023-2024 school year. The K-5 Mathematics Specialist and the professional learning department plan, coordinate, and deliver all courses, workshops, endorsements, and training events for Metropolitan Regional Educational Service Agency (Metro RESA). Metro RESA offers regularly scheduled courses/events, on-site professional learning options, and custom-designed professional learning options to meet individual school and system needs by request. Custom-designed professional learning opportunities are conducted based on system and school requests meeting the unique goals and needs of the individual school system and/or schools. Metro RESA is committed to building the capacity of all educators in the metro area through courses, workshops, collaborative consortia, and other activities. In addition to these opportunities, the **K-5 Mathematics Endorsement** is offered, along with eleven other endorsement options. More information about the programs and services offered by Metro RESA can be found at www.mresa.org.

Overview of Metro RESA K-5 Mathematics Specialist Service Offerings

- Staff learning for administrators, instructional coaches, teachers, paraprofessionals, and substitute teachers
 - Collaborative consortiums for district-level mathematics leaders through job-alike meetings
 - Resource and informational updates through communication platforms and website resource pages
 - Consultative assistance in various areas of mathematics curriculum and instruction by request
 - On-site professional learning (Email miranda.westbrook@mresa.org for more information and to schedule)
 - Custom-designed professional learning to meet school or district-based needs
- OR**
- Select from the 2023-2024 menu of K-5 Mathematics on-site professional learning options (p.2)

Metro RESA K-5 Mathematics Specialist

Dr. Miranda Westbrook has been an educator for more than 18 years. She currently serves as the Metropolitan Regional Educational Service Agency (Metro RESA) K-5 Mathematics Specialist. This role allows her to provide site-based professional learning to districts, schools, administrators, coaches, and teachers in the 12 metropolitan Atlanta school districts. Prior to joining the MRESA team, she served as the K-5 Mathematics Professional Learning Specialist for the Cobb County School District. In this role, she supported teachers, academic coaches, and administrators with mathematics through professional learning, instructional rounds, and resource development. Prior to becoming a mathematics specialist, Miranda taught for more than 10 years in the Forsyth County School System. She has also served as an instructor of the K-5 Mathematics Endorsement and as a special project contractor for the Georgia Department of Education. As a lifelong learner, Miranda earned her Bachelor of Science Degree in Early Childhood Education, her Master of Education Degree in Middle Grades Education with a concentration in Mathematics, and her Ph.D. in Curriculum and Instruction. She also has endorsements in K-5 Mathematics, Gifted Education, and STEM. Additionally, she obtained her Tier 1 Leadership Certification. Miranda is a member of the Georgia Council of Teachers of Mathematics (GCTM), Georgia Council of Supervisors of Mathematics (GCSM), and National Council of Teachers of Mathematics (NCTM). She loves sharing the joy of mathematics with students, teachers, and leaders. Contact Dr. Miranda Westbrook at miranda.westbrook@mresa.org.



Metro RESA K-5 Mathematics Menu of On-Site Professional Learning Options

On-site professional learning is available upon request. Professional learning options for K-5 mathematics are listed in the menu below but are not limited to these offerings. *Specialists are also able to conduct on-site professional learning that is customized to meet district or building needs.*

Email miranda.westbrook@mresa.org, Metro RESA K-5 Mathematics Specialist, to learn more.

- Mathematical Modeling/Statistical Reasoning Framework
- Mathematical Practices
- Georgia's K-12 Mathematics Standards
- Number Talks
- Guided Math/ Workshop Model
- Georgia Numeracy Project
- Concrete-Representational-Abstract Sequence
- Effective Mathematics Teaching Practices
- Instructional Strategies
- STEM/ STEAM

Mathematics District Leader Job-Alike Consortium

The Metro RESA Mathematics Job-Alike Consortium is a collaborative meeting designed to bring together district personnel working in mathematics leadership positions across metro Atlanta school districts. Facilitated by Metro RESA's Mathematics Team, this collective group meets to enhance their craft, share knowledge, and build opportunities for educators. The networking sessions combine resources, information sharing, discussion, and action planning around relevant K-12 topics.

Meetings consist of state guidance, professional development, networking, and sharing of mathematics professional learning services to meet the needs of the K-12 mathematics educator. Group participants have opportunities prior to each meeting to provide input on agenda topics. The meetings are held four times a year. **Audience: District-Level Mathematics Leaders**

Meeting	Date	Time	Location
Kick-Off Job-Alike	Friday, September 15, 2023	9:00 a.m. – 1:00 p.m.	Truist Park/ Atlanta Braves Stadium
Fall Job-Alike	Friday, December 1, 2023	9:00 a.m. – 1:00 p.m.	Metro RESA Auditorium
Winter Job-Alike	Friday, March 1, 2024	9:00 a.m. – 1:00 p.m.	Metro RESA Auditorium
Spring Job-Alike	Friday, May 3, 2024	9:00 a.m. – 1:00 p.m.	Metro RESA Auditorium

Mathematics K-5 General Professional Learning Opportunities 2023-2024**Mathematics K-5 Workshops:**

Professional Learning Event	Date	Time	Fee	Location
Sherry Parrish Number Talks Grades K-1	August 28, 2023	8:30 a.m.- 3:30 p.m.	\$299	Academies of Creative Education/ Forsyth County Schools
Sherry Parrish Number Talks Grades 2-3	August 29, 2023	8:30 a.m.- 3:30 a.m.	\$299	Academies of Creative Education/ Forsyth County Schools
Sherry Parrish Number Talks Grades 4-5	August 30, 2023	8:30 a.m.- 3:30 p.m.	\$299	Academies of Creative Education/ Forsyth County Schools
Desmos Workshop Grades K-12	January 25, 2024	TBD	\$99	Metro RESA Auditorium

Mathematics Diving Deeper Series: Diving Deeper into Georgia's K-12 Standards and Units

While Metro RESA works with school district personnel to accommodate professional learning needs within school districts, we also offer in-house training through our agency which can accommodate educators across districts.

The purpose of the 2023-2024 Diving Deeper Series is to continue the journey of learning about Georgia's K-12 Mathematics Standards for teachers and leaders. Join the Metro RESA Mathematics team as we dive into the content that is addressed in the units of the [Georgia Mathematics Curriculum Map](#). Participants will delve into the learning plans that align with the units of instruction to better understand the shift toward a key competency approach to teaching and learning.

To register for any of the workshops, visit the website at www.mresa.org under courses and events. Registration typically closes two weeks prior to the workshop and those registered will receive event details at least 48 hours prior to the event.

K-5 Diving Deep into Unit 1 and Unit 2 \$99 Fee/Workshop 45 Participant Capacity/Workshop <i>Location: City Schools of Decatur Building (CSD)</i>			
Grade Level Focus	Date	Time	Location
Kindergarten	June 7, 2023	8:30 a.m. – 3:30 p.m.	CSD
First	June 8, 2023	8:30 a.m. – 3:30 p.m.	CSD
Second	June 21, 2023	8:30 a.m. – 3:30 p.m.	CSD
Third	June 22, 2023	8:30 a.m. – 3:30 p.m.	CSD
Fourth	June 28, 2023	8:30 a.m. – 3:30 p.m.	CSD
Fifth	June 29, 2023	8:30 a.m. – 3:30 p.m.	CSD

K-5 Diving Deep into Unit 3 and Unit 4 \$99 Fee/Workshop 45 Participant Capacity/Workshop			
Grade Level Focus	Date	Time	Location
Second	September 6, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Kindergarten	September 8, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Fifth	September 12, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Third	September 13, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Fourth	September 18, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
First	October 6, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

K-5 Diving Deep into Unit 5 and Unit 6
\$99 Fee/Workshop
45 Participant Capacity/Workshop

Grade Level Focus	Date	Time	Location
Second	November 10, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Fifth	December 6, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Kindergarten	December 8, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Third	December 11, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Fourth	January 10, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
First	January 26, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

K-5 Diving Deep into Unit 7 and Unit 8
\$99 Fee/Workshop
45 Participant Capacity/Workshop

Grade Level Focus	Date	Time	Location
Third	February 27, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Second	February 28, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Kindergarten	March 4, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Fifth	March 6, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

Questions? Please contact Dr. Miranda Westbrook at miranda.westbrook@mresa.org.