



6-12 Mathematics Professional Learning Opportunities Guide 2023 - 2024

Welcome to Metro RESA 6-12 Mathematics

Welcome to Metro RESA's 6-12 Mathematics professional learning opportunities guide for the 2023-2024 school year. The 6-12 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 option 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. More information about the programs and services offered at Metro RESA can be found at www.mresa.org.

Overview of Metro RESA 6-12 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 tynisha.robinson@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 6-12 Mathematics on-site professional learning options (p.2)

Metro RESA 6-12 Mathematics Specialist

Tynisha Robinson, Ed.S., currently serves as the Metropolitan Regional Educational Service Agency (Metro RESA) 6-12 Mathematics Specialist. This role affords her the opportunity to provide site-based professional learning to districts, schools, administrators, coaches, and teachers in the 12 metropolitan Atlanta area school districts and metro area institutions. Prior to joining Metro RESA, Tynisha was a high school math teacher, a 6-12 district mathematics instructional coach, and a district-level K-12 Mathematics Coordinator. With 22 years of experience in and outside of the classroom, Tynisha has proven to be a transformational leader in the area of mathematics. Her experience includes leading professional development through training, professional learning communities (PLCs), classroom support, and assessment development.



Outside of mathematics, Tynisha served as the district-level lead for developing building-level instructional coaches through consistent in-house professional development opportunities and focused on building leadership capacity within the instructional coaches' role. She led Marietta City Schools as they transitioned from the Common Core Georgia Performance Standards (CCGPS) to the Georgia Standards of Excellence (GSE) and was pivotal in leading teachers through the pedagogical shifts that the new standards required. Tynisha continues to work with the Georgia Department of Education (GaDOE) and standards revisions as she serves as the Geometry: Concepts and Connections team lead for Georgia's New K-12 Math Standards. She is an active 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 serves as the Metro-West Representative for GCTM. Tynisha is the Program Chair for the Georgia Mathematics Conference (GMC) 2024. Contact Tynisha Robinson at Tynisha.Robinson@mresa.org.

Metro RESA 6-12 Mathematics Menu of On-Site Professional Learning Options

On-site professional learning is available upon request. Professional learning options for 6-12 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 Tynisha Robinson, Metro RESA 6-12 Mathematics Specialist, at tynisha.robinson@mresa.org to learn more.

- Mathematical Modeling/ Statistical Reasoning Framework
- Mathematical Practices
- Georgia's K-12 Mathematics Standards
- 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 6-12 General Professional Learning Opportunities 2023-2024

Professional Learning Event	Date	Time	Fee	Location
Desmos Workshop Grades K-12	January 25, 2024	TBD	\$99	Metro RESA Auditorium

Mathematics 6-12 Workshops: Diving Deeper into Georgia’s 6-12 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 below, 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.

6-12 Diving Deep into Unit 1 and Unit 2			
\$99 Fee/Workshop			
45 Participant Capacity/Workshop			
Grade Level Focus	Date	Time	Location
Sixth	June 7, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School (Media Center)
Seventh	June 8, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School (Media Center)
Eighth	June 21, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School (Media Center)
Algebra: C&C	June 22, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School (Media Center)
Algebra: C&C (Repeat Session)	January 12, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Geometry: C&C	June 28, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School (Media Center)
Advanced Algebra: C&C	June 29, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School (Media Center)

6-12 Diving Deep into Unit 3 and Unit 4 \$99 Fee/Workshop 45 Participant Capacity/Workshop			
Grade Level Focus	Date	Time	Location
Sixth	September 19, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Seventh (<i>Unit 3 Only</i>) Units 4 and 5 Offered in January	September 20, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Eighth	October 3, 2023	8:30 a.m.– 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C	October 4, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C (<i>Repeat Session</i>)	February 7, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Geometry: C&C	October 10, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Advanced Algebra: C&C	October 11, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Seventh (<i>Units 4 and 5</i>)	January 23, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

6-12 Diving Deep into Unit 5 and Unit 6 \$99 Fee/Workshop 45 Participant Capacity/Workshop			
Grade Level Focus	Date	Time	Location
Algebra: C&C	November 7, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C (<i>Repeat Session</i>)	March 5, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Geometry: C&C	November 8, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Advanced Algebra: C&C	December 5, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Sixth	January 9, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Seventh (<i>Units 4 and 5</i>)	January 23, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Eighth	February 29, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C	March 5, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

6-12 Diving Deep into Unit 7 and Unit 8
\$99 Fee/Workshop
45 Participant Capacity/Workshop

Grade Level Focus	Date	Time	Location
Algebra: C&C	December 7, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Geometry: C&C	December 12, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Advanced Algebra: C&C (Unit 7 Only) <i>Half-Day \$49</i>	December 13, 2023	8:30 a.m. – 11:30 a.m.	Metro RESA (Auditorium)
Sixth	March 7, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C	March 28, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

***Repeated Sessions for Algebra: C&C**

6-12 Diving Deep into Georgia’s Standards Repeated Sessions
45 Participant Capacity/Workshop
Due to secondary block scheduling needs, Algebra: C&C sessions have second-semester repeat sessions offered.

Grade Level Focus	Date	Time	Location
Algebra: C&C Unit 1 and 2	June 22, 2023	8:30 a.m. – 3:30 p.m.	Decatur High School
Algebra: C&C Unit 1 and 2	January 12, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C Unit 3 and 4	October 4, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C Unit 3 and 4	February 7, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C Unit 5 and 6	November 7, 2023	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)
Algebra: C&C Unit 5 and 6	March 5, 2024	8:30 a.m. – 3:30 p.m.	Metro RESA (Auditorium)

Questions? Please contact Tynisha Robinson at tynisha.robinson@mresa.org.