



Math Forward

Mapping Shifts & Impacting Practice in the K-8 Mathematics Classroom

July 1, 2024 - June 30, 2025

PROGRAM DESCRIPTION AND MEMORANDUM OF AGREEMENT

Funding for this and other Math Forward special projects to promote student achievement in mathematics is provided by the SC Education Oversight Committee (EOC).

Space in this program is limited. Partnerships will be confirmed based on the order in which a commitment is received via submission of the MOA affirmation signatures page.

Submit your affirmation to South Carolina's Coalition for Mathematics & Science at Clemson University **via email to Tracey Campbell, tcampbell@s2temsc.org** .

For questions regarding this program, please contact **Tracey Campbell, Director of Special Projects, S²TEM Centers SC/SCCMS at (843) 274-4087 or tcampbell@s2temsc.org**.

S²TEM Centers SC is an innovation partnership managed by South Carolina's Coalition for Mathematics & Science at Clemson University. Its purposes are to improve instruction and accelerate student learning in Science, Technology, Engineering and Mathematics content areas through innovation, support and research.



Program Description

Program Overview

This opportunity provides teachers of mathematics in grades K-8 with professional development and on-going coaching support to build teacher confidence in implementing the 2025 South Carolina College and Career Ready (SCCCR) Mathematics Standards.

Professional learning sessions will focus on teacher understanding of the shifts between the 2015 and 2025 standards. Additionally, the professional development content is delivered through the lens of effective teaching practices and instructional strategies which support student success in learning mathematics.

A S²TEM Centers SC Education Specialist will serve as a coach to support teachers for 2.5 hours monthly as they plan for implementing standards and effective teaching practices.

Participating teachers earn 30 contact hours of professional development and receive 20 hours of follow-up coaching support from a S²TEM Centers SC Educaiton Specialist.

Eligible Schools

All South Carolina public schools serving students in grades K-8 are welcome to participate in the *Mapping Shifts & Impacting Practice in the K-8 Mathematics Classroom* program.

Preference may be given to schools that meet the following criteria:

- Title I designation
- Diverse student population
- Data indicates the need for increased student achievement

Cost

The cost per participant is \$200. This cost represents a significantly reduced rate when compared to our typical daily rate for support services. EOC financial support is estimated at \$4000 per participant.

Additionally, the district and/or school is responsible for providing release time and travel expenses for staff attending professional development sessions. The district and/or school is also responsible for any other release time mutually determined to be necessary for participants during the school year.

District Cohort

This program is designed for district cohorts of common grade band (K-2, 3-5, or 6-8) teachers. A district may select to commit to one or more of the grade bands. A minimum of 15 teachers per grade band is needed to constitute a cohort for this program. It is possible that in smaller districts, two or more districts may choose to form a collaborative cohort. A district-level leader and a building level administrator (for each site where a teacher is employed) must be designated to actively support the coaches with on-site implementation.

Program Model

A S²TEM Centers SC Specialist will work directly with the teachers to develop an understanding of the 2025 SCCCR Mathematics Standards and effective classroom teaching practices. This program will support teachers with applying evidence-based mathematics instructional strategies in the classroom through facilitated professional development, classroom observations and coaching conversations. Specific components include:

- Statewide professional learning experiences (30 hours in total)
 - Five full days or a combination of half and full days equal to 30 hours. Dates to be agreed on by district partner and S²TEM Centers SC, but must be completed before June 30, 2025.
- Coaching Support (20 hours in total)
 - Provided by a S²TEM Centers SC Specialist who is a trained Cognitive Coach.
 - Conducted in both on-site and virtual sessions on a monthly basis.
- School / District Administrator Support
 - Program Orientation (online meeting)
 - Quarterly meetings with the S²TEM Centers SC Specialist
 - Observe participating teachers once/semester (with S²TEM Centers SC Specialist)
 - Offer regular support to teacher participants

Program Outcomes

- Explore the content of the 2025 SCCCR Mathematics Standards.
- Examine shifts between the 2015 and 2025 standards and vertical alignment within grade bands.
- Engage in standards-based lessons which model the NCTM Effective Teaching Practices.
- Develop an understanding of the value of a growth mindset for both teachers and students.

Data Collection (Required in exchange for EOC funded program cost reduction)

S²TEM Centers SC Specialists will collect data in collaboration with teacher and administrator team members. Data may include (but will not be limited to):

- Classroom observation data related to the use of mathematics instructional practices,
- Pre- and post-surveys related to changes in teacher beliefs and knowledge
- Anecdotal evidence of coaching
- Student achievement data (no student names or identifying information will be collected).

Data collected will be used in a formative way to enhance teacher growth with goal setting and coaching. In addition, data will be used to report on progress toward the program outcomes as noted above.

By this MOA, school and district administrators agree to assist in providing access to data as needed to assess the program's effectiveness.

Signature Page

AFFIRMATION OF MEMORANDUM OF AGREEMENT

Math Forward

***Mapping Shifts & Impacting Practice
in the K-8 Mathematics Classroom***

July 2024 – June 2025

I have read and agree to comply with the terms of this Memorandum.

Signatures and Dates needed from:

District Instructional Leader	_____	_____
		Date
Title	_____	
School Principal	_____	_____
		Date
SCCMS Signature	_____	_____
		Date

This agreement constitutes the whole agreement between the parties, and no prior representatives, negotiation, or agreements by any party shall affect the construction and operation of this agreement. This agreement may be amended or terminated only by a written instrument signed by all parties.

This program is supported by state-appropriated funds. In the event that sufficient funds are not available, this agreement will be terminated.

Submit the signed affirmation page to South Carolina’s Coalition for Mathematics & Science via email to Tracey Campbell, tcampbell@s2temsc.org

Note: If applying as a district on behalf of multiple schools, each school requires a separate MOA page to be submitted with the application.