We meet you where you are, and take you **where you want to be.**

BEGIN THE JOURNEY TOGETHER

Start from the beginning, with an Instructional Needs Assessment, and then progress through all four of our "Transforming Curriculum and Instruction" modules to ensure you are truly prepared to meet new standards. Sustain the momentum with coaching and model lessons in the classroom. We will be with you, side by side, to help you differentiate, personalize, and refine instruction as you put your work into action for students.

CONTINUE ON THE PATH WITH EASE

If you've already laid groundwork for transforming your curriculum, proceed with "Module 2: Designing Next Generation Curriculum" and "Module 3: Designing Next Generation Assessments" so your teachers and transition team understand how to build assessments and design lessons that make the most of your curriculum. Consider "Module 4: Planning Instruction to Engage All Learners" to further define appropriate tasks or select from a host of courses that meet teachers where they are and help them dig deeper.

TO THE HOMESTRETCH AND BEYOND

Maybe you're enviably knee deep in your transition and you feel good about the journey to date. Think about starting with a leadership course or Module 4 and get the coaching your leadership and teachers need to move from ideas to action in a scalable manner. Consider ongoing online coaching to support teachers and transition team members through initial online assessments.

Math Solutions
FOUNDED BY MARILYN BURNS

Founded by Marilyn Burns, Math Solutions has helped educators and their students succeed in mathematics for the past 30 years through creative professional learning. Our publications, courses, coaching, hands-on support, and free online resources help educators increase understanding of the math they teach, deepen insights into how children best learn math, develop effective strategies for teaching children math, and increase insight into individual learners through formative assessment.

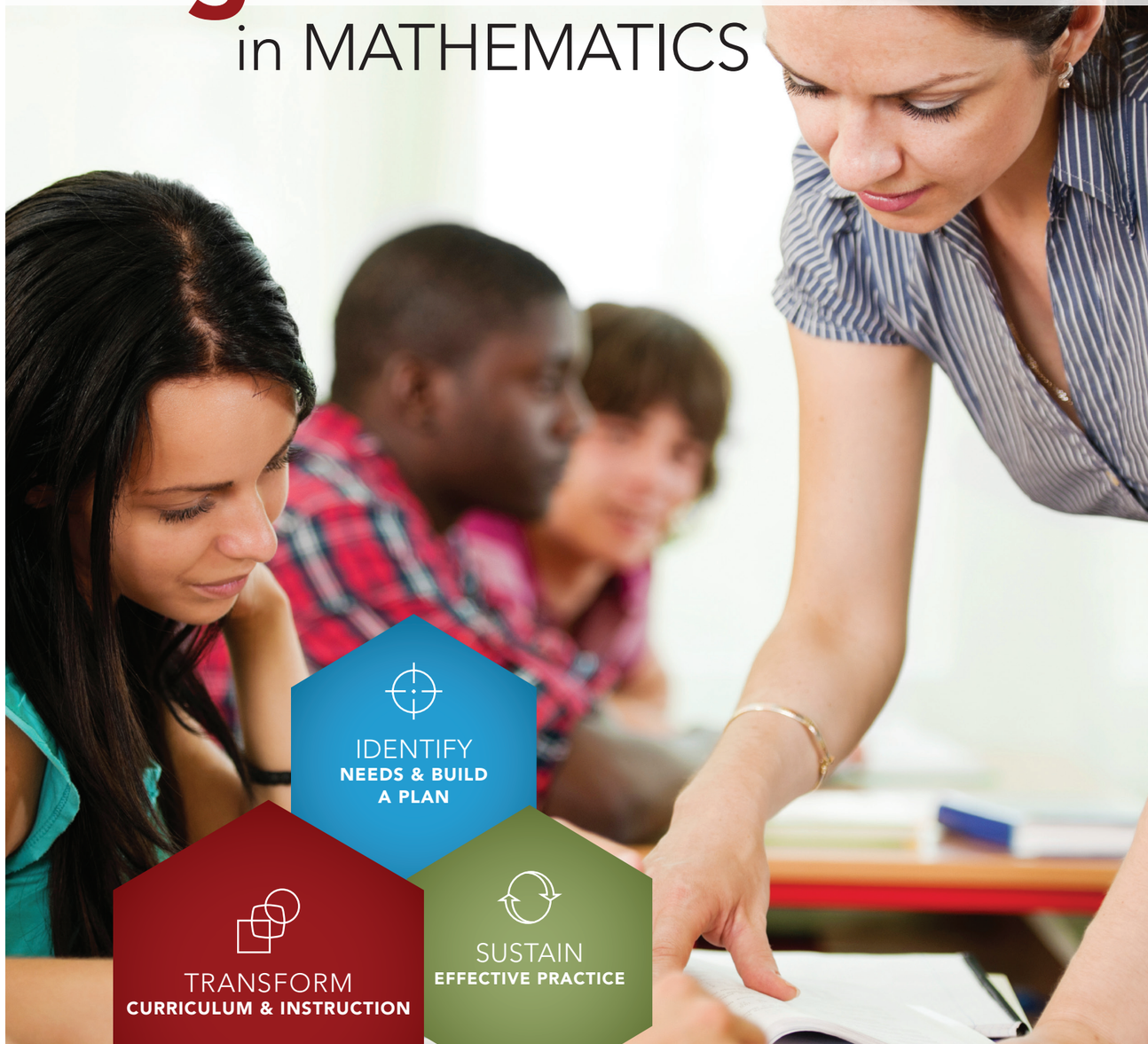
SCHOLASTIC
ACHIEVEMENT PARTNERS®

Math Solutions professional learning offerings are part of Scholastic Achievement Partners (SAP), which brings together world-renowned authors, academics, and experts in literacy, mathematics, and leadership to comprehensively transform curriculum and instruction and guide schools toward real, measurable success.

800.868.9092 | mathsolutions.com

Item 633020
3/15

TRANSITION to **Higher Standards** in MATHEMATICS



Math Solutions®
FOUNDED BY MARILYN BURNS

Your Roadmap to Transform Curriculum & Instruction

Identify Needs & Build A Plan

IMPLEMENT AN INSTRUCTIONAL NEEDS ASSESSMENT FOR MATH

DEVELOP A STRATEGIC PLAN

Assess the areas that need focus through a data-driven process and define the instructional shifts required.

Our experts coach grade-level teams through a hands-on, comprehensive approach to designing curriculum and assessments.

Together with Scholastic Achievement Partners, Math Solutions will support a cross-disciplinary, comprehensive solution which includes literacy curriculum and assessment design.

TEACHERS • TEACHER LEADERS • COACHES

MODULE 1	MODULE 2	MODULE 3	MODULE 4
Building Knowledge of Instructional Shifts	**Designing Next Generation Curriculum**	**Designing Next Generation Assessments**	**Planning Instruction to Engage All Learners**
LEADERS **Leading Change: Transforming Curriculum** Strengthen expertise by analyzing the demands of higher standards and the intricate framework of the assessment consortia to effectively support the process that instructors will follow to align curriculum, assessment, and instruction.		**Leading Change: Implementing Next Generation Curriculum & Assessments** Enhance understanding of the Next Generation Assessments to support schools and teachers with implementing new assessments, while simultaneously adapting instruction to meet the demands of increased rigor.	
Making Sense of Math: A Focus on Reasoning and Discourse Introduce teachers to the Standards for Mathematical Practices or Processes, with particular emphasis on the role of reasoning and discourse. Teachers will engage in reasoning and discourse, and discuss the implications for their students. **Mathematical Thinking: A Focus on Representation and Procedural Fluency** Gain a deeper understanding of procedural fluency and learn strategies to support students in representing ideas visually, symbolically, and verbally, and help students make connections between these different representations. **Problem Solving: Developing Disposition, Competence, and Confidence** Understand how to build student perseverance in problem solving and applying mathematics to everyday situations. Learn strategies for engaging students in appropriate levels of constructive struggle and tackling high-level mathematical tasks.	**Building Units of Study** Work in grade-level cohorts to create a Unit Template, examine priority standards, and group standards into units of study. **Creating a Pacing Calendar** Work in grade-level cohort groups to sequence units of study into a Pacing Calendar and ensure vertical articulation by sharing across grade levels or courses. **Defining a Focus Unit of Study** Deconstruct standards for a selected unit of study, articulating what students will know and be able to do by writing Big Ideas, Essential Questions, and "I can… " Statements.	**Navigating Next Generation Assessments** Build understanding of the Next Generation Assessments' structure and item types in preparation for designing comparable classroom assessments. **Understanding and Designing Performance Task Assessment** Participate in a performance task experience to build understanding of these kinds of tasks by using a performance task builder. **Building a Timeline of Assessments** Evaluate rigor of created tasks, then build a corresponding rubric and an assessment timeline for the unit of focus.	**Planning for Rigorous Learning Experiences** Reflect on the kinds of tasks and instruction that contribute to an effective mathematics classroom to support student learning. Use a common vision to align learning resources for the unit of focus. **Planning for Differentiation and Implementation** Complete the learning resources for the unit and consider both differentiation and implementation of the units of study. Improve teachers' math content knowledge and provide them with new instructional strategies with standards and grade-level based courses. More information at mathsolutions.com/courses

Modules are 2 or 3 days, up to 30 participants per day. Customized options are available. Recommended Grade Levels: K–5, 6–8, 9–12.

Achieving new standards is not an overnight process and can be overwhelming without the right support. The stakes are high and that's why we're here to help. Founded by Marilyn Burns, Math Solutions has focused exclusively on mathematics instruction for the past 30 years. Let us be your guide so you can move forward with confidence.

Sustain Effective Practice

PROVIDE SIDE-BY-SIDE COACHING

SEE BEST PRACTICES IN ACTION

BUILD DISCIPLINE-SPECIFIC KNOWLEDGE

Using research-based strategies, we help you put theory into practice to transform classroom instruction across the disciplines with explicit lesson modeling, side-by-side coaching, and ongoing in-person and online support.

Select from 150+ courses, videos, and books, covering best practices in math instruction.

Leverage a free online library of educator tools and MATH TALK resources at mathsolutions.com

Math Solutions
FOUNDED BY MARILYN BURNS
800.868.9092 | mathsolutions.com