K–3 Mathematics Academies Overview

Texas Mathematics Academies build both administrator and teacher expertise in **delivering effective, systematic mathematics instruction** for grades K–3. Participants engage in **research-based instructional strategies** that strengthen foundational skills in fluency, problem solving, place value, whole number operations, and fractions. The academies also emphasize understanding key concepts from **the science of learning** and **applying grade-level pedagogy** to support student success.

Classroom teachers who provide instruction in mathematics to students in grades K–3, along with **principals, assistant principals, mathematics instructional coaches**, and **mathematics interventionists** at campuses serving these grades, are required to attend the Texas Mathematics Academies by school year 2030–31.

Texas Mathematics Academies Implementation Timeline By School Year (SY)

Content Development	Statewide Pilot	Texas Mathematics Academies Year 1	Texas Mathematics Academies Year 2	Texas Mathematics Academies Year 3	Texas Mathematics Academies Year 4
SY 2025–26	SY 2026–27	SY 2027–28	SY 2028–29	SY 2029–30	SY 2030–31

Pathways and Course Work

Prior to enrolling a teacher in the Texas Mathematics Academies, **local school systems will determine which pathway most closely aligns** with the teacher's instructional role and the school system's needs. The following pathways are currently offered:

- Administrator
- Kindergarten/Grade 1
- Grade 2
- Grade 3

Texas Mathematics Academies K–3 consists of **five modules totaling approximately 30 hours**, designed to be completed within an 11-month period. The program blends **face-to face, synchronous,** and **asynchronous learning experiences** to maximize participant engagement and mastery.

Education service centers will serve as authorized providers for the 2026–27 pilot year of Texas Math Academies.

To learn more about the program structure, attendance requirements, funding, stipend eligibility, legislative background, and authorized providers related to Texas Mathematics Academies, visit Texas Mathematics Academies on TEA.gov.

Modules 1 and 2   Live Facilitation | 12 Hours (Two 6-hour days)   July–September

ALL PATHWAYS: The same topics are covered for all pathways.

Research-Based Instructional Strategies in Mathematics; The Connected Story of K–5 Mathematics; Student Engagement and Teacher Clarity; Problem Solving; Structured Sequencing and Models with High-Quality Instructional Materials; TEA Learn Preview

Module 3   Asynchronous | 6 Hours   September–November

ALL PATHWAYS: Memory and Cognitive Load and Instructional Hierarchy

Administrator:	Grades K/1:	Grade 2:	Grade 3:
K–3 Learning Progressions; K–3 Content Overview and Classroom Look-Fors; Problem Solving Heuristic	Whole Number Concepts; Comparing and Ordering Numbers; Composing and Decomposing Numbers	Computation and Representation of Addition and Subtraction of Whole Numbers; Problem Solving Heuristic	Representing and Solving Problems; Involving Addition and Subtraction of Whole Numbers; Problem Solving Heuristic and Problem Solving in Context

Module 4   Asynchronous | 6 Hours   December–February

ALL PATHWAYS: Explicit Instruction for Novice Learners and The Role of Inquiry

Administrator:	Grades K/1:	Grade 2:	Grade 3:
Procedural Fluency and Automaticity; K–3 Content Overview and Classroom Look-Fors with Implementation Supports	Representing and Generating Addition and Subtraction of Whole Number Problems; Procedural Fluency and Automaticity	Generating and Solving Multi-Step Addition and Subtraction Problems using Models and Mental Strategies; Procedural Fluency and Automaticity	Modeling, Representing, and Solving Multiplication and Division of Whole Numbers; Procedural Fluency and Automaticity

Module 5   Asynchronous | 6 Hours   March–May

ALL PATHWAYS: Effective Practice: Retrieval, Spaced, Interleaved, and Feedback

Administrator:	Grades K/1:	Grade 2:	Grade 3:
Student Engagement and Instructional Strategies; K–3 Content Overview and Classroom Look-Fors using HQIM	Properties of Operations and Understanding the Equal Sign; Solving Addition and Subtraction; Problems including Determining Unknowns; Building Fraction Concepts	Modeling and Describing Multiplication and Division; Multiplication and Division Problems in Context; Building Fraction Concepts	Fraction Concepts; Composing, Decomposing, Representing, and Comparing Fractions; Equivalency