

# Elementary Mathematics Professional Development

Workshop	Dates	Title/Location	Audience	Fee
SD80918-C17	Sept. 18, 2008	TMSDS: Texas Mathematics and Science Diagnostic System Education Service Center, Region 20 8:30 – 11:30 a.m. <i>or</i> 1:00 – 4:00 p.m.	District-level personnel and teachers	Fee paid by grant funds
SD80918-C16				
During this three-hour session, participants will be trained on how to use the Texas Mathematics and Science Diagnostic System as an instructional and diagnostic tool for students in grades 3-12. For questions about registering with TMSDS, please contact Kimberly Faircloth at kimberly.faircloth@esc20.net or (210) 370-5437.				
SD80930-D51	Sept. 30, 2008	Making Mathematics Meaningful for English Language Learners Grades K-5 Education Service Center, Region 20 8:30 a.m. – 4:00 p.m.	Teachers, grades K-5, ESL, Sheltered Instruction and Bilingual	\$100
In this workshop, participants will learn teaching strategies that meet the needs of their English Language Learners (ELLs) in the mathematics classroom. Participants will take part in a meaningful mathematics lesson that incorporates second language acquisition and sheltered instruction techniques and will gain an understanding of how to take any routine math lesson and adapt it to meet the needs of their students				
PD81014-A02	Oct. 14-15, 2008	Access to the General Curriculum Conference – Rick Lavoie Education Service Center, Region 20 8:30 a.m. – 3:30 p.m.	General and Special education teachers, administrators and IAs	\$145
This is a two-day workshop. The morning of day one will feature keynote speaker Rick Lavoie. He will explore some of the common misconceptions related to student motivation and some of the common strategies that are, simply, ineffective. Specific approaches and strategies will then be presented that will enable teachers to motivate students . . . and maintain that motivation throughout the school year. The presentation encourages teachers to examine and identify each child’s “motivational” style and to design motivational strategies that will inspire the child to reach his or her potential. Participants will receive Rick Lavoie’s newest book: <i>The Motivation Breakthrough: 6 Secrets to Turning on the Tuned-Out Child</i> . The afternoon of Day One and on Day Two, participants will have the opportunity to choose from a variety of sessions that focus on giving all students access to the general curriculum. Sessions will include information on how to differentiate instruction in the inclusion classroom, TEKS based lessons, differentiated instruction in all content areas, motivating the reluctant learner, classroom management, autism, graduation requirements and much more. Come and experience instructional strategies based on brain research and learning style theory that will change the way you think and teach!				
SD81016-C01	Oct. 16, 2008	M <sup>2</sup> : Fractions, Grade 3 Education Service Center, Region 20 8:30 a.m. – 3:30 p.m.	Teachers, grades 3-5 and Special Education; math specialists	\$100
This one-day training is designed to deepen teacher content knowledge of fractions through participation in developmentally appropriate student lessons and activities. The TEKS related to fractions at the 3 <sup>rd</sup> -5 <sup>th</sup> level will be addressed.				
SD81016-C06	Oct. 16-17, 2008	M <sup>2</sup> : Fractions & Decimals, Grades 4-5 Education Service Center, Region 20 Oct. 16: 8:30 a.m.-3:30 p.m.; Oct. 17: 1:00-4:00 p.m.	Teachers, grades 3-5; math specialists, Special Education teachers	\$150
This training is designed to deepen teacher content knowledge of fractions and decimals through participation in developmentally appropriate student sessions and activities. The TEKS related to fractions and decimals at the 3 <sup>rd</sup> -5 <sup>th</sup> level will be addressed. All of Day 1 will focus on fraction concepts. The additional 3 hours on the second day (1:00-4:00 p.m., Oct. 17) will focus on decimal concepts.				
SD81103-D36	Nov. 3, 2008	Creating Cross-Curricular Units in the Elementary Classroom Education Service Center, Region 20 8:30 a.m. – 4:30 p.m.	Elementary teachers, grades K-5	\$100
Using social studies content as the foundation, teachers can effectively use instruction time to teach across the content areas to enrich the learning experience for students.				

Workshop	Dates	Title/Location	Audience	Fee
SD81118-C01	Nov. 18, 2008	M <sup>2</sup> : Patterns, Relationships & Algebraic Thinking, Grades K-2 Education Service Center, Region 20 8:30 a.m. – 3:30 p.m.	Teachers, grades K-2; math specialists, Special Education teachers	\$100
This one-day training is designed to deepen teacher content knowledge of patterns, relationships and algebraic thinking. The TEKS related to these concepts at the K-2 level will be addressed. Teachers will participate in student activities centered around patterns and algebraic thinking.				
SD81209-C01	Dec. 9, 2008	M <sup>2</sup> : Multiplication/Division, Grades 3-5 Education Service Center, Region 20 8:30 a.m. – 3:30 p.m.	Teachers, grades 3-5, math specialists, Special Education teachers	\$100
This one-day training is designed to deepen teacher content knowledge of multiplication/division through participation in developmentally appropriate and sequenced student lessons and activities. The TEKS related to multiplication/division at the 3 <sup>rd</sup> -5 <sup>th</sup> level will be addressed.				
SD90113-C01	Jan. 13-14, 2009	M <sup>2</sup> : Addition/Subtraction, Grades K-2 Education Service Center, Region 20 8:30 a.m. – 3:30 p.m.	Teachers, grades K-2; math specialists, Special Education teachers	\$150
This two-day training is designed to deepen teacher content knowledge of addition and subtraction through participation in developmentally appropriate student lessons and activities. The TEKS related to addition/subtraction at the K-2 level will be addressed.				
SD90122-C01	Jan. 22, 2009	M <sup>2</sup> : Patterns, Relationships & Algebraic Thinking, Grades 3-5 Education Service Center, Region 20 8:30 a.m. – 3:30 p.m.	Teachers, grades 3-5, math specialists, Special Education teachers	\$100
This one-day training is designed to deepen teacher content knowledge of patterns, relationships and algebraic thinking. The TEKS related to these concepts at the 3-5 level will be addressed. Teachers will participate in student activities centered around patterns and algebraic thinking.				
SD90623-C01	June 23-25, 2009	Children's Thinking in Measurement, Grades K-5 Continental Café & Event Center 6390 Fairdale Drive, San Antonio 8:30 a.m. – 3:30 p.m.	Teachers, grades K-5, math specialists, Special Education teachers	\$300
Students across the elementary grades struggle to grasp some of the same big ideas in measurement. Often in an effort to "cover" all concepts, we bypass conceptual development and simply teach students procedures for measuring. This three-day session focuses on the core ideas of measurement and how these core ideas arise and are expressed as children solve problems in class. We will look at tasks and activities designed to highlight students' thinking and consider ways to design tasks that will move students toward a more sophisticated understanding of basic measurement concepts. Focal points of the session include: length, area, and volume.				

For more information, please contact:  
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210-370-5496



**Location:** All sessions will be held at Education Service Center, Region 20 1314 Hines Avenue, San Antonio, unless otherwise noted on flyer.

**Workshop Registration:** Please register using iLearning, ESC-20's centralized registration system. Go to: <http://www.esc20.net/workshop>