

September 05, 2008

Friday

9:00 AM - 4:00 PM

MTC Geometry Day 1

Math TEKS Connections Geometry—Session #85488 (12 hours)

Day 1—9/5/08, Day 2—11/21/08

The goal of this session is to connect the power of multiple representations and Algebra to build teacher understanding of big ideas within the Geometry Course TEKS. *You must attend both days to receive credit.*

September 06, 2008

Saturday

9:00 AM - 4:00 PM

WTAMU Graduate Course

September 12, 2008

Friday

9:00 AM - 4:00 PM

Fostering Algebraic Thinking Day 1

Fostering Algebraic Thinking—Session #75537 (24 hours) Day

1—9/12/08, Day 2—11/13/08, Day 3—1/9/08, Day 4—3/13/08

The goal of this session is to help mathematics teachers learn to identify, describe, and foster algebraic thinking in their students and understand students' thinking through the analysis of different kinds of data, such as student work and classroom observations. *You must attend all 4 days to receive credit.*

September 17, 2008

Wednesday

9:00 AM - 4:00 PM

MTC 6-8 Day 1

Math TEKS Connections Grades 6-8—Session #85496 (12 hours)

Day 1—9/15/08, Day 2—11/10/08

This session connects the power of multiple representations to help build teachers' understanding of the big ideas within and among strands of the mathematics TEKS with a focus on rational numbers in grades 6-8. *You must attend both days to receive credit.*

September 27, 2008

Saturday

9:00 AM - 4:00 PM

MTC 9-12 Roosevelt HS

September 30, 2008

Tuesday

9:00 AM - 4:00 PM

Children's Thinking in Measurement Day 1

Children's Thinking in Measurement Grades K-5—Session #

75535 (12 hours) Day 1—9/30/08, Day 2—11/5/08

This workshop will center on the core ideas of measurement and how these core ideas arise and are expressed as children solve problems in class. *You must attend both days to receive credit.*

October 01, 2008

Wednesday

1:00 PM - 4:00 PM

Math Vertical Alignment Spearman ISD

October 03, 2008

Friday

9:00 AM - 4:00 PM

MAP Day 1

Maximizing Algebra 2 Performance—Session #85497 (24 hours)

Day 1—10/3/08, Day 2—1/16/09, Day 3—2/27/09, Day 4—3/10/09

MAP is designed to focus on understanding the Algebra 2 math TEKS, understanding the connection of those TEKS to preceding and subsequent coursework, modeling how those TEKS should be taught and exploring instructional strategies and materials that support that effective teaching. *You must attend all 4 days to receive credit.*

October 13, 2008

Monday

9:00 AM - 4:00 PM

MELL 6-12 Day 1

Mathematics for English Language Learners Grades 6-12—

Session #75561 (12 hours) *Day 1—10/13/08, Day 2—12/5/08*

This session better prepares secondary mathematics teachers to meet the instructional needs of English Language Learners in mathematics. Participants will explore topics including understanding the ELL, instructional support for language development, teaching strategies, and assessments. Student lessons will be provided that integrate instructional approaches and student activities designed to enhance student learning for ELLs. *You must attend both days to receive credit.*

October 14, 2008

Tuesday

9:00 AM - 4:00 PM

MTR K-2 Day 1

Math TEKS Refinements K-2—Session #75547 (12 hours) *Day*

1—10/14/08, Day 2—12/12/08

MTR is designed to align the refined TEKS from one grade level to another and help students internalize mathematical concepts using hands on activities. The lessons used in this training are designed to help students build a strong conceptual foundation for numerical fluency and the role fluency plays in knowing basic facts. The lessons will also look at measurement and how students acquire competence in using measurement in everyday life. *You must attend both days to receive credit.*

October 16, 2008

Thursday

9:00 AM - 4:00 PM

TEXTEAMS: Proportionality Day 1

TEXTEAMS Rethinking Middle School Mathematics:

Proportionality Across the TEKS Grades 6-8—Session #75641

(24 hours) *Day 1—10/16/08, Day 2—12/12/08, Day 3—2/13/09, Day 4—5/8/09*

This session highlights the importance of proportional reasoning in the middle school math program and connections to algebra. The focus of the institute is on developing properties, language, and representations of proportional relationships that arise from number, operation, algebra, probability, statistics, measurement, and geometry. *You must attend all 4 days to receive credit.*

October 20, 2008

Monday

12:00 AM - 12:00 AM

Middle Grades Mathematics Using the TI-73 Online Course

October 21, 2008

Tuesday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

1:00 PM - 4:00 PM

Math Vertical Alignment Spearman ISD

October 22, 2008

Wednesday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

October 23, 2008

Thursday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

October 24, 2008

Friday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

October 25, 2008

Saturday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

9:00 AM - 4:00 PM

MTC 6-8 Roosevelt HS

9:00 AM - 4:00 PM

WTAMU Graduate Course

October 26, 2008

Sunday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

October 27, 2008

Monday

All Day

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

October 28, 2008

Tuesday

12:00 AM - 12:00 AM

Middle Grades Mathematics Using the TI-73 Online Course
Please See Above

November 03, 2008

Monday

12:00 AM - 12:00 AM

Algebra Using the TI-83/TI-84 Online Course

November 04, 2008

Tuesday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

9:00 AM - 4:00 PM

TEXTEAMS: Algebra Day 1

TEXTEAMS Algebra 1 2000 & Beyond—Session #75664 (12 hours) Day 1—11/4/08, Day 2—1/23/09

The Algebra I: 2000 and Beyond institute helps teachers bridge the gap from students' concrete understanding of arithmetic to the functions-based algebra called for in the TEKS and TAKS. Participants engage in activities and discussions that promote the teaching, learning, and assessment of algebra for everyone. Using multiple representations, appropriate technology, and concrete models, the institute broadens and deepens teacher content knowledge and instructional strategies. The Algebra I: 2000 and Beyond institute focuses on an in-depth examination of foundations of functions and linear functions. Additionally, quadratic and exponential functions are explored.

November 05, 2008

Wednesday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

8:30 AM - 3:30 PM

Math Vertical Alignment Spearman ISD

9:00 AM - 4:00 PM

Problem Solving with Joshua Horton

November 06, 2008

Thursday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

9:00 AM - 4:00 PM

Measurement with Joshua Horton

November 07, 2008

Friday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

November 08, 2008

Saturday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

November 09, 2008

Sunday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

November 10, 2008

Monday

All Day

Algebra Using the TI-83/TI-84 Online Course

Please See Above

9:00 AM - 4:00 PM

MTC 6-8 Day 2

Math TEKS Connections Grades 6-8—Session #85496 (12 hours)

Day 1—9/15/08, Day 2—11/10/08

This session connects the power of multiple representations to help build teachers' understanding of the big ideas within and among strands of the mathematics TEKS with a focus on rational numbers in grades 6-8. *You must attend both days to receive credit.*

November 11, 2008

Tuesday

12:00 AM - 12:00 AM

Algebra Using the TI-83/TI-84 Online Course

Please See Above

November 13, 2008

Thursday

9:00 AM - 4:00 PM

Fostering Algebraic Thinking Day 2

Fostering Algebraic Thinking—Session #75537 (24 hours) Day

1—9/12/08, Day 2—11/13/08, Day 3—1/9/08, Day 4—3/13/08

The goal of this session is to help mathematics teachers learn to identify, describe, and foster algebraic thinking in their students and understand students' thinking through the analysis of different kinds of data, such as student work and classroom observations. *You must attend all 4 days to receive credit.*

November 15, 2008

Saturday

9:00 AM - 4:00 PM

MELL 6-12 Roosevelt HS

November 17, 2008

Monday

9:00 AM - 4:00 PM

Children's Thinking in Measurement Day 2

Children's Thinking in Measurement Grades K-5—Session #

75535 (12 hours) Day 1—9/26/08, Day 2—11/5/08

This workshop will center on the core ideas of measurement and how these core ideas arise and are expressed as children solve problems in class. *You must attend both days to receive credit.*

November 18, 2008

Tuesday

8:30 AM - 3:30 PM

Math Vertical Alignment Spearman ISD

November 21, 2008

Friday

9:00 AM - 4:00 PM

MTC Geometry Day 2

Math TEKS Connections Geometry—Session #85488 (12 hours)

Day 1—9/5/08, Day 2—11/21/08

The goal of this session is to connect the power of multiple representations and Algebra to build teacher understanding of big ideas within the Geometry Course TEKS. *You must attend both days to receive credit.*

December 03, 2008

Wednesday

9:00 AM - 4:00 PM

Quantile Framework for Mathematics

December 09, 2008

Tuesday

9:00 AM - 4:00 PM

MELL 6-12 Day 2

Mathematics for English Language Learners Grades 6-12—

Session #75561 (12 hours) Day 1—10/13/08, Day 2—12/9/08

This session better prepares secondary mathematics teachers to meet the instructional needs of English Language Learners in mathematics. Participants will explore topics including understanding the ELL, instructional support for language development, teaching strategies, and assessments. Student lessons will be provided that integrate instructional approaches and student activities designed to enhance student learning for ELLs. *You must attend both days to receive credit.*

December 12, 2008

Friday

9:00 AM - 4:00 PM

MTR K-2 Day 2

Math TEKS Refinements K-2—Session #75547 (12 hours) Day

1—10/14/08, Day 2—12/12/08

MTR is designed to align the refined TEKS from one grade level to another and help students internalize mathematical concepts using hands on activities. The lessons used in this training are designed to help students build a strong conceptual foundation for numerical fluency and the role fluency plays in knowing basic facts. The lessons will also look at measurement and how students acquire competence in using measurement in everyday life. *You must attend both days to receive credit.*

9:00 AM - 4:00 PM

TEXTEAMS: Proportionality Day 2

TEXTEAMS Rethinking Middle School Mathematics:

Proportionality Across the TEKS Grades 6-8—Session #75641

(24 hours) Day 1—10/16/08, Day 2—12/12/08, Day 3—2/13/09, Day 4—5/8/09

This session highlights the importance of proportional reasoning in the middle school math program and connections to algebra. The focus of the institute is on developing properties, language, and representations of proportional relationships that arise from number, operation, algebra, probability, statistics, measurement, and geometry. *You must attend all 4 days to receive credit.*

January 09, 2009

Friday

9:00 AM - 4:00 PM

Fostering Algebraic Thinking Day 3

Fostering Algebraic Thinking—Session #75537 (24 hours) Day 1—9/12/08, Day 2—11/13/08, Day 3—1/9/09, Day 4—3/13/09

The goal of this session is to help mathematics teachers learn to identify, describe, and foster algebraic thinking in their students and understand students' thinking through the analysis of different kinds of data, such as student work and classroom observations. *You must attend all 4 days to receive credit.*

January 12, 2009

Monday

9:00 AM - 4:00 PM

Non-traditional Algorithms? K-5

Non-traditional Algorithms? Grades K-5—Session #85677 (6 hours) 1/12/09

This workshop will focus on how using non-traditional algorithms can demonstrate efficiency in the conceptual knowledge of addition, subtraction, multiplication and division.

January 13, 2009

Tuesday

9:00 AM - 4:00 PM

MTC K-2 Day 1

Math TEKS Connections K-2—Session #85695 (12 hours) Day 1—1/13/09, Day 2—4/17/09

The Math TEKS Connection K-2 Module provides research-based professional development for mathematics educators teaching kindergarten through 2nd grade. This module follows concept development across the years, builds horizontal connection between instructional strands within a grade level, and illustrates the vertical connection between grades within a strand. The focus of MTC K-2 will be on addition/subtraction and place value. *You must attend both days to receive credit.*

January 15, 2009

Thursday

9:00 AM - 4:00 PM

Engineering in Elementary: Leif Catches the Wind

January 16, 2009

Friday

9:00 AM - 4:00 PM

MAP Day 2

Maximizing Algebra 2 Performance—Session #85497 (24 hours) Day 1—10/3/08, Day 2—1/16/09, Day 3—2/27/09, Day 4—3/10/09

MAP is designed to focus on understanding the Algebra 2 math TEKS, understanding the connection of those TEKS to preceding and subsequent coursework, modeling how those TEKS should be taught and exploring instructional strategies and materials that support that effective teaching. *You must attend all 4 days to receive credit.*

January 20, 2009

Tuesday

9:00 AM - 4:00 PM

The Math Coach: Goals & Roles

The Math Coach: Goals & Roles—Session #75528 (6 hours)
1/20/09

The goal of any math coach is to raise teacher quality in mathematics. What does that mean? How does it look? In this highly interactive presentation, we closely examine the main principles that guide our jobs. We consider our roles and responsibilities to administration, teachers, students, and the community. Next, we explore strategies for supporting teachers with planning and instruction. Concrete tools for long range, unit, and lesson planning are shared, with emphasis on teaching and learning. Participants learn about the no-fail strategy for improving instruction through the Lesson Observation Form. This presentation is the perfect avenue for helping math coaches become valuable and effective math leaders. This training is conducted by Robyn Silbey.

January 23, 2009

Friday

9:00 AM - 4:00 PM

Stimulating Strategies that Pump Power into Numbers with Robyn Silbey

9:00 AM - 4:00 PM

TEXTEAMS: Algebra Day 2

TEXTEAMS Algebra 1 2000 & Beyond—Session #75664 (12 hours)
Day 1—11/4/08, Day 2—1/23/09

The Algebra I: 2000 and Beyond institute helps teachers bridge the gap from students' concrete understanding of arithmetic to the functions-based algebra called for in the TEKS and TAKS. Participants engage in activities and discussions that promote the teaching, learning, and assessment of algebra for everyone. Using multiple representations, appropriate technology, and concrete models, the institute broadens and deepens teacher content knowledge and instructional strategies. The Algebra I: 2000 and Beyond institute focuses on an in-depth examination of foundations of functions and linear functions. Additionally, quadratic and exponential functions are explored.

January 24, 2009

Saturday

1:00 PM - 4:00 PM

TMSDS

January 26, 2009

Monday

9:00 AM - 4:00 PM

MTC 3-5 Day 1

Math TEKS Connections 3-5—Session #85701 (12 hours)
Day 1—1/26/09, Day 2—5/8/09

The Math TEKS Connection 3-5 Module provides research-based professional development for mathematics educators teaching 3rd through 5th grade. The primary focus of MTC is to look at the inherent alignment between concepts and their connections to other concepts or big ideas vertically with a grade band as well as other strands within the grade level. MTC utilizes the 5-E instructional model offering well times opportunities to incorporate good instructional strategies that have been proven to impact student achievement. The focus of MTC 3-5 will be on multiplication/division and fractions. *You must attend both days to receive credit.*

January 30, 2009

Friday

9:00 AM - 4:00 PM

MTR 3-5 Day 1

Math TEKS Refinements 3-5—Session #75659 (12 hours) Day 1—1/30/09, Day 2—3/10/09

MTR is designed to align the refined TEKS from one grade level to another and help students internalize mathematical concepts using hands on activities. The lessons used in this training are designed to help students build a strong conceptual foundation for numerical fluency and the role fluency plays in knowing basic facts. The lessons will also look at measurement and how students acquire competence in using measurement in everyday life. *You must attend both days to receive credit.*

9:00 AM - 4:00 PM

TEXTEAMS: Algebra 2/Precal Day 1

TEXTEAMS Algebra 2/Precalculus—Session #85568 (12 hours) Day 1—1/30/09, Day 2—3/27/09

The Algebra II/Precalculus institute is a professional development experience designed to extend participants' understanding of the foundational concepts developed in the Algebra II and Precalculus TEKS. The institute begins by developing foundations for functions and exploring functions as a unifying theme. The Algebra II/Precalculus Institute focuses on topics that are common to both Algebra II and Precalculus. These concepts include foundations of functions, transformations, exponential and logarithmic functions, and power functions and polynomials.

February 06, 2009

Friday

9:00 AM - 4:00 PM

TMT3 6-8 Day 1

Teaching Math TEKS Through Technology Grades 6-8—Session #85540 (12 hours) Day 1—2/6/09, Day 2—5/22/09

Participants will focus on developing the middle school mathematics TEKS through technology while making connections to the state technology applications proficiency standards. Participants will engage in activities that illustrate the judicious use of technology with probability and statistics. *You must attend both days to receive credit.*

February 13, 2009

Friday

9:00 AM - 4:00 PM

TEXTEAMS: Proportionality Day 3

TEXTEAMS Rethinking Middle School Mathematics: Proportionality Across the TEKS Grades 6-8—Session #75641 (24 hours) Day 1—10/16/08, Day 2—12/12/08, Day 3—2/13/09, Day 4—5/8/09

This session highlights the importance of proportional reasoning in the middle school math program and connections to algebra. The focus of the institute is on developing properties, language, and representations of proportional relationships that arise from number, operation, algebra, probability, statistics, measurement, and geometry. *You must attend all 4 days to receive credit.*

February 19, 2009

Thursday

9:00 AM - 12:00 AM

MELL K-5

**Mathematics for English Language Learners Grades K-5—
Session #75676** (12 hours) Day 1—2/19/09, Day 2—2/20/09

This session better prepares elementary mathematics teachers to meet the instructional needs of English Language Learners in mathematics. Participants will explore topics including understanding the ELL, instructional support for language development, teaching strategies, and assessments. Student lessons will be provided that integrate instructional approaches and student activities designed to enhance student learning for ELLs. *You must attend both days to receive credit.*

February 20, 2009

Friday

12:00 AM - 4:00 PM

MELL K-5

Please See Above

9:00 AM - 4:00 PM

MTC 9-12 Day 1

Math TEKS Connections Grades 9-12—Session #85541 (12 hours) Day 1—2/20/09, Day 2—5/14/09

The goal of this session is to connect the power of multiple representations to build teacher understanding of big ideas within and among strands of the high school mathematics TEKS for the courses of Geometry, Algebra 2, Math Models and Precalculus. *You must attend both days to receive credit.*

February 27, 2009

Friday

9:00 AM - 4:00 PM

MAP Day 3

Maximizing Algebra 2 Performance—Session #85497 (24 hours) Day 1—10/3/08, Day 2—1/16/09, Day 3—2/27/09, Day 4—3/10/09

MAP is designed to focus on understanding the Algebra 2 math TEKS, understanding the connection of those TEKS to preceding and subsequent coursework, modeling how those TEKS should be taught and exploring instructional strategies and materials that support that effective teaching. *You must attend all 4 days to receive credit.*

March 10, 2009

Tuesday

9:00 AM - 4:00 PM

MAP Day 4

Maximizing Algebra 2 Performance—Session #85497 (24 hours) Day 1—10/3/08, Day 2—1/16/09, Day 3—2/27/09, Day 4—3/10/09

MAP is designed to focus on understanding the Algebra 2 math TEKS, understanding the connection of those TEKS to preceding and subsequent coursework, modeling how those TEKS should be taught and exploring instructional strategies and materials that support that effective teaching. *You must attend all 4 days to receive credit.*

9:00 AM - 4:00 PM

MTR 3-5 Day 2

Math TEKS Refinements 3-5—Session #75659 (12 hours) Day 1—1/30/09, Day 2—3/10/09

MTR is designed to align the refined TEKS from one grade level to another and help students internalize mathematical concepts using hands on activities. The lessons used in this training are designed to help students build a strong conceptual foundation for numerical fluency and the role fluency plays in knowing

March 10, 2009 Continued

Tuesday

basic facts. The lessons will also look at measurement and how students acquire competence in using measurement in everyday life. *You must attend both days to receive credit.*

March 13, 2009

Friday

9:00 AM - 4:00 PM

Fostering Algebraic Thinking Day 4

Fostering Algebraic Thinking—Session #75537 (24 hours) Day 1—9/12/08, Day 2—11/13/08, Day 3—1/9/09, Day 4—3/13/09

The goal of this session is to help mathematics teachers learn to identify, describe, and foster algebraic thinking in their students and understand students' thinking through the analysis of different kinds of data, such as student work and classroom observations. *You must attend all 4 days to receive credit.*

March 27, 2009

Friday

9:00 AM - 4:00 PM

TEXTEAMS: Algebra 2/Precal Day 2

TEXTEAMS Algebra 2/Precalculus—Session #85568 (12 hours) Day 1—1/30/09, Day 2—3/27/09

The Algebra II/Precalculus institute is a professional development experience designed to extend participants' understanding of the foundational concepts developed in the Algebra II and Precalculus TEKS. The institute begins by developing foundations for functions and exploring functions as a unifying theme. The Algebra II/Precalculus Institute focuses on topics that are common to both Algebra II and Precalculus. These concepts include foundations of functions, transformations, exponential and logarithmic functions, and power functions and polynomials.

April 17, 2009

Friday

9:00 AM - 4:00 PM

MTC K-2 Day 2

Math TEKS Connections K-2—Session #85695 (12 hours) Day 1—1/15/09, Day 2—4/17/09

The Math TEKS Connection K-2 Module provides research-based professional development for mathematics educators teaching kindergarten through 2nd grade. This module follows concept development across the years, builds horizontal connection between instructional strands within a grade level, and illustrates the vertical connection between grades within a strand. The focus of MTC K-2 will be on addition/subtraction and place value. *You must attend both days to receive credit.*

May 08, 2009

Friday

9:00 AM - 4:00 PM

MTC 3-5 Day 2

Math TEKS Connections 3-5—Session #85701 (12 hours) Day 1—1/26/09, Day 2—5/8/09

The Math TEKS Connection 3-5 Module provides research-based professional development for mathematics educators teaching 3rd through 5th grade. The primary focus of MTC is to look at the inherent alignment between concepts and

May 08, 2009 Continued

Friday

their connections to other concepts or big ideas vertically with a grade band as well as other strands within the grade level. MTC utilizes the 5-E instructional model offering well times opportunities to incorporate good instructional strategies that have been proven to impact student achievement. The focus of MTC 3-5 will be on multiplication/division and fractions. *You must attend both days to receive credit.*

9:00 AM - 4:00 PM

TEXTEAMS: Proportionality Day 4

TEXTEAMS Rethinking Middle School Mathematics: Proportionality Across the TEKS Grades 6-8—Session #75641

(24 hours) Day 1—10/16/08, Day 2—12/12/08, Day 3—2/13/09, Day 4—5/8/09

This session highlights the importance of proportional reasoning in the middle school math program and connections to algebra. The focus of the institute is on developing properties, language, and representations of proportional relationships that arise from number, operation, algebra, probability, statistics, measurement, and geometry. *You must attend all 4 days to receive credit.*

May 14, 2009

Thursday

9:00 AM - 4:00 PM

MTC 9-12 Day 2

Math TEKS Connections Grades 9-12—Session #85541 *(12 hours) Day 1—2/20/09, Day 2—5/14/09*

The goal of this session is to connect the power of multiple representations to build teacher understanding of big ideas within and among strands of the high school mathematics TEKS for the courses of Geometry, Algebra 2, Math Models and Precalculus. *You must attend both days to receive credit.*

May 22, 2009

Friday

9:00 AM - 4:00 PM

TMT3 6-8 Day 2

Teaching Math TEKS Through Technology Grades 6-8— Session #85540 *(12 hours) Day 1—2/6/09, Day 2—5/22/09*

Participants will focus on developing the middle school mathematics TEKS through technology while making connections to the state technology applications proficiency standards. Participants will engage in activities that illustrate the judicious use of technology with probability and statistics. *You must attend both days to receive credit.*