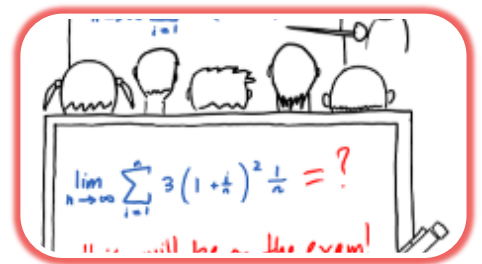


**Connections**



**Leading Mathematics Learning Fall 2018**



**Fluency**

Session Title	Session Description	Date & Time	Click & Learn
<b>Mathematical Argumentation: BUT WHY DOES IT WORK? K-8</b>	What does communicating and justifying look like in the mathematics classroom? Participants will make meaningful connections to the Mathematical Process Standards with an emphasis on communicating, justification, and writing in a math classroom. The book, <u>But Why Does It Work: Mathematical Argument in the Elementary Grades</u> is utilized.	Wednesday, October 10, 2018 8:30 to 3:30 Gran Vista Room	#179993
<b>Mathematics Hexaflexagon Day Grades 3-9</b>	Have you ever folded scraps of paper into shapes and discovered something new? In this lesson you will dive into the fun mathematics and TEKS aligned to the hexaflexagon, a folding paper puzzle invented in 1939, now known as the Hexaflexagon Party!	Saturday, October 20, 2018 9:00 to 12noon TBD Room	#180096
<b>Problem Solving in Mathematics Grades 3-5</b>	Participants will discover the 15 different structures for adding and subtracting and learn to represent them through number sentences, graphic organizers, and concrete models. Teachers will also learn about various strategies as indicated in the TEKS. This will help students building a strong foundation.	Tuesday, October 30, 2018 8:30 to 3:30 Gran Vista Room	#179994
<b>Creating Mathematics Stations: Hard to Reach/Hard to Teach Standards for Grades 3-5</b>	This is a make-n-take session! This session will focus on targeting the hard to reach/hard to teach standards. Teachers will create stations and learning centers.	Wednesday, October 31, 2018 8:30 to 3:30 Sunrise room	#180053
<b>Understanding Fractions Grades 3-5</b>	Participants will utilize grade level appropriate standards to understand what is expected of fractions. Activities will be experienced to build content in teacher knowledge. The Susan Lamson resource will be utilized.	Tuesday, November 6, 2018 8:30 to 3:30 Gran Vista Room	#179995
<b>Creating Mathematics Stations: Hard to Reach/Hard to Teach Standards for Grades 6-8</b>	This is a make-n-take session! This session will focus on targeting the hard to reach/hard to teach standards. Teachers will create stations and learning centers.	Tuesday, November 6, 2018 8:30 to 3:30 Classroom Room	#180057

<b>Building Fluency through Centers K-2</b>	Fluency for addition and subtraction is a yearlong process. Participants will learn what fluency is and looks like. Teachers will experience centers to take back to the classroom.	Wednesday, November 7, 2018 4:30 to 7:00 PDN #1	#180002
<b>Formative Assessment in the Mathematics Classroom Grades 6-9</b>	Participants will gain a better understanding of formative assessment and utilize tools from the Texas Gateway and MARS.	Tuesday, November 13, 2018 8:30 to 3:30 Sunrise Room	#180005
<b>Don't Let Teaching Mental Math Leave You "Mental" Grades 3-5</b>	Participants will utilize "Number Talks" and "Strings" to help students gain confidence with mental math strategies for multiplication and division. Models such as number lines, strip diagrams, and arrays will be utilized.	Wednesday, November 14, 2018 4:30 to 7:00 Gran Vista Room	#180006
<b>Utilizing Calculators for Number Sense Thinking and Problem Solving in Grades 2-5</b>	Participants will hands-on, minds-on activities utilizing the TI-15 calculators. Calculators can make a great center for students in mathematics.	Tuesday, December 11, 2018 4:30 to 7:00 Horizon Room	#180007
<b>1<sup>st</sup> Teach Mathematics and RTI Grades 3-9</b>	What do we do if students aren't learning during 1 <sup>st</sup> teach? The RTI process, when included in the lesson design, will ensure success daily. Come learn best practices and lesson design for 1 <sup>st</sup> teach in mathematics Tier 1.	Tuesday, December 11, 2018 8:30-3:30 Classroom Room	#180051
<b>Differentiation in the Mathematics Classroom Grades 2-5</b>	Participants will experience "amplifying" tasks to learn about differentiation lessons.	Thursday, December 13, 2018 8:30 to 3:30 Gran Vista Room	#180008

**Register on Click & Learn at [www.esc19.net](http://www.esc19.net).**

**Fee for each full-day session is \$75. Fee for each half-day session is \$50.**

**Contact:**

Events held at:  
6611 Boeing Dr.  
El Paso, Texas 79925

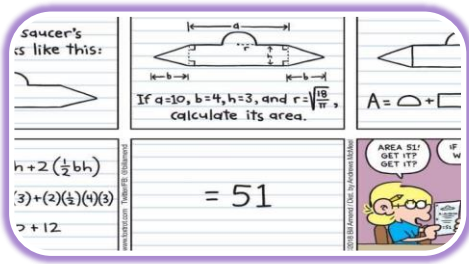
Laura Munoz  
[lmunoz@esc19.net](mailto:lmunoz@esc19.net)  
(915)780-5009

Veronica T. Hernandez  
[vhernandez@esc19.net](mailto:vhernandez@esc19.net)  
(915)780-6512

Rita Chasco  
[richasco@esc19.net](mailto:richasco@esc19.net)  
(915)780-5067

Patricia Juarez  
[pjuarez@esc19.net](mailto:pjuarez@esc19.net)  
(915)780-6540

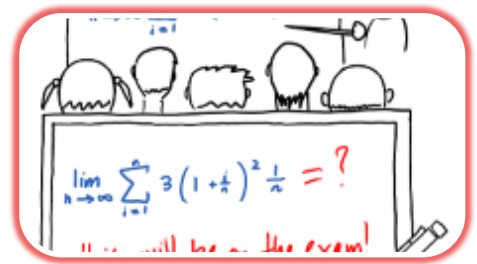
Jeff Strom  
[jstrom@esc19.net](mailto:jstrom@esc19.net)  
(915)780-5339



**Connections**



**Leading Mathematics Learning  
Spring 2019**



**Fluency**

Session Title	Session Description	Date & Time	Click & Learn
<b>STAAR Review in Mathematics: Grade 8</b>	Participants will create a 10-page foldable for STAAR review by reporting category. Included in the foldable are note takers, puzzles, card match, and interactive games.	Tuesday, January 15, 2019 4:30 pm to 7:00 pm Horizon Room	#180009
<b>Mathematics Content Development and Implementation: Proportionality Grades 5-8</b>	Come get energized in content that may be complex to learn and difficult to teach! Teachers will explore different methods to implement proportional thinking in the classroom and engage in differentiated strategies to get the point across.	Tuesday, January 29, 2019 8:30 am to 3:30 pm Sunrise Room	#180060
<b>STAAR Review in Mathematics: Grade 5</b>	Participants will create a 10-page foldable for STAAR review by reporting category. Included in the foldable are note takers, puzzles, card match, and interactive games.	Friday, February 1, 2019 8:30 am to 3:30 pm Horizon Room	#180010
<b>Math through Literature K-2</b>	Participants will utilize grade level appropriate literature books to teach theme- based mathematics through a STEM lens.	Wednesday, February 13, 2019 8:30 am to 3:30 pm Classroom Room	#180011
<b>STAAR Review in Mathematics: Grade 7</b>	Participants will create a 10-page foldable for STAAR review by reporting category. Included in the foldable are note takers, puzzles, card match, and interactive games.	Tuesday, February 26, 2019 8:30 am to 3:30 pm Horizon Room	#180012
<b>Let's Get Ready; Mathematics STAAR Review Grades 3-9</b>	Come learn how learning structures and interactive activities can prepare your students for STAAR. Explore and participate in learning strategies and games that are relevant, meaningful, and engaging.	Wednesday, February 27, 2019 8:30 am to 3:30 pm Tierra Del Sol Room	#180079

<b>STAAR Review in Mathematics: Grade 6</b>	Participants will create a 10-page foldable for STAAR review by reporting category. Included in the foldable are note takers, puzzles, card match, and interactive games.	Thursday, February 28, 2019 8:30 am to 3:30 pm Horizon Room	#180013
<b>Math through Literature K-2</b>	Participants will utilize grade level appropriate literature books to teach theme-based mathematics through a STEM lens.	Tuesday, April 2, 2019 8:30 am to 3:30 pm Horizon Room	#180014
<b>Mathematics Pi Day Grades 3-9</b>	Join us on March 14 ( $\approx 3.14$ ) for a celebration of Pi Day! Topics will vary and include TEKS alignment to geometry, measurement, and algebraic relationships. Join us and bring your favorite party snack to the Pi Day event. Don't forget the Pi!	Thursday, March 14, 2019 8:30 am to 3:30 pm Classroom Room	#180098

Register on Click & Learn at [www.esc19.net](http://www.esc19.net).

Fee for each full-day session is \$75. Fee for each half-day session is \$50.

**Contact:**

Events held at:  
 6611 Boeing Dr.  
 El Paso, Texas 79925

Laura Munoz  
 lmunoz@esc19.net  
 (915)780-5009

Veronica T. Hernandez  
 vhernandez@esc19.net  
 (915)780-6512

Rita Chasco  
 rchasco@esc19.net  
 (915)780-5067

Patricia Juarez  
 pjuarez@esc19.net  
 (915)780-6540

Jeff Strom  
 jstrom@esc19.net  
 (915)780-5339