**College Prep Math Course Implementation**  
**August 15, 2017**  
**Workshop #: 44797**  
**Fee: $100**  
College Prep COOP Fee, $0

This session is designed to help teachers implementing the HB5 College Prep Transition Course on their campus. Participants will review the syllabus and learning outcomes outlined by the Memorandum of Understanding (MOU) and see examples of assessment items to align with the learning outcomes. The online course platform will be demonstrated and participants will get to experience the platform from the teacher side. Please bring a laptop or mobile device that you can use to experience WebWork.

**Making Math Vocabulary Meaningful for English Language Learners in the Elementary Math Classroom**  
**October 10, 2017**  
**Workshop #: 43958**  
**Fee: $100**  
Time: 8:30 AM – 3:30 PM

This training will delve into the importance of teaching and developing Math Vocabulary in K-5th classrooms. Participants will gain an understanding of necessary considerations and linguistic accommodations for teaching math content and vocabulary to English language learners. Along with Marzano’s Six-Step Process, a sheltered instruction approach will be used in this workshop to discuss activities, technology, and the use of word walls. Participants will be given the opportunity to reflect on opportunities to incorporate a variety of strategies and techniques to support ELLs in making math vocabulary meaningful.

**Elementary Math Strategies for RTI**  
**September 19, 2017**  
**Workshop #: 44061**  
**Fee: $100**  
Time: 8:30 AM – 3:30 PM

This session is for Elementary math teachers to explore new ways to differentiate instruction with a variety of strategies and tools to assist struggling students in the classroom and the small group setting. Participants will depart with the skills for implementing this in the classroom for all tiered levels of instruction.

**Using Guided Math to Differentiate Instruction: Grades K – 2**  
**October 23, 2017**  
**Workshop #: 46498**  
**Fee: $100**  
Time: 8:30 AM – 3:30 PM

This session will guide participants on how to effectively use guided math groups to differentiate instruction to meet the needs of diverse learners. Ideas and strategies for getting started that are easy to implement will be shared.

**Engaging in Mathematics Through the Process Standards**  
**October 5, 2017**  
**Workshop #: 44721**  
**Fee: $100**  
Time: 8:30 AM – 3:30 PM

The Process Standards are the key to instruction in the math classroom. They describe the ways in which students should be engaging in the mathematics. Learn about the depth and complexity of the Process Standards and how you can amp up instruction by integrating them to make your students have a richer, deeper, and more real-world experience with math!
Learn how to effectively incorporate journaling into your math classroom. We will create sample journals with interactive components. Participants will be provided with composition books and all materials needed to create their journal.

Developing Number Sense K – 2nd Grade
November 15, 2017 Workshop #: 44588 Fee: $100 Time: 8:30 AM – 3:30 PM

Building students’ number sense in grades K – 2 is critical to their success in mathematics. This session will cover the big ideas from subitizing to unitizing that develop number sense. Participants will learn why these big ideas are important and experience activities and strategies for effectively developing them.

Journaling in Middle School Math 6 – 8
November 16, 2017 Workshop #: 46255 Fee: $125 Time: 8:30 AM – 3:30 PM

Learn how to effectively incorporate journaling into your math classroom. We will create sample journals with interactive components, both independent and dependent. Participants will be provided with composition books and all materials needed to create their journal.

Implementing Manipulatives in the Elementary Inclusive Math Classroom Grades 3 – 5
November 16, 2017 Workshop #: 44634 Fee: $100 Time: 8:30 AM – 3:30 PM

In this interactive session, teachers will explore the benefits of utilizing manipulatives and supplemental aids when teaching mathematical concepts. Teachers will learn what resources are available to special education students, as well as all students, to support student performance on STAAR. Teachers will engage in learning with various manipulatives, and explore creative ways to develop their own manipulatives and strengthen their instruction.

From Literature to Learning: Using Literature to Support and ELAR Instruction (K – 2)
November 29, 2017 Workshop #: 44835 Fee: $100 Time: 8:30 AM – 3:30 PM

Get the most bang for your book! This session will offer teachers the opportunity to consider the value of quality literature to drive classroom instruction across the K – 2 curriculum. Participants will experience ELAR and Math integration in a variety of instructional models, including small group lessons and centers.

Integrating Math & Science TEKS (grades 5 – 8)
November 29, 2017 Workshop #: 45394 Fee: $130 Time: 8:30 AM – 3:30 PM

This workshop is a study of math and science TEK for 5th to 8th grade teachers. Participants will review the standards to determine areas of alignment and divergence as well as similar terminologies. Session is appropriate for grades 5 – 8 science and math teachers. The session is best for a math and science teacher from the same campus.

Elementary Math Strategies for RTI
January 17, 2018 Workshop #: 44083 Fee: $100 Time: 8:30 AM – 3:30 PM

This session is for Elementary math teachers to explore new ways to differentiate instruction with a variety of strategies and tools to assist struggling students in the classroom and the small group setting. Participants will depart with the skills for implementing this in the classroom for all tiered levels of instruction.

College Prep Math Course Implementation
January 23, 2018 Workshop #: 44801 Fee: $100 Time: 8:30 AM – 3:30 PM
College Prep COOP Fee, $0

This session is designed to help teachers implementing the HB5 College Prep Transition Course on their campus. Participants will review the syllabus and learning outcomes outlined by the Memorandum of Understanding (MOU) and see examples of assessment items to align with the learning outcomes. The online course platform will be demonstrated and participants will get to experience the platform from the teacher side. Please bring a laptop or mobile device that you can use to experience WebWork.

Engaging in Mathematics Through the Process Standards
February 15, 2018 Workshop #: 44723 Fee: $100 Time: 8:30 AM – 3:30 PM

The Process Standards are the key to instruction in the math classroom. They describe the ways in which students should be engaging in the mathematics. Learn about the depth and complexity of the Process Standards and how you can amp up instruction by integrating them to make your students have a richer, deeper, and more real-world experience with math!
<table>
<thead>
<tr>
<th>Event Title</th>
<th>Workshop #</th>
<th>Fee</th>
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<tr>
<td>Implementing Manipulatives in the Elementary Inclusive Math Classroom Grades 3 – 5</td>
<td>44636</td>
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<td>Making Math Vocabulary Meaningful for English Language Learners in the Elementary Math Classroom</td>
<td>44247</td>
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<td>Promoting English Learners’ Algebraic Reasoning</td>
<td>44719</td>
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In this interactive session, teachers will explore the benefits of utilizing manipulatives and supplemental aids when teaching mathematical concepts. Teachers will learn what resources are available to special education students, as well as all students, to support student performance on STAAR. Teachers will engage in learning with various manipulatives, and explore creative ways to develop their own manipulatives and strengthen their instruction.

Develop practices that address the language demands of students who are developing skills in listening, speaking, reading, and writing in a second language while learning mathematics in grades 6 – 12. This session will help teachers integrate strategies that will enable students who are English Learners to deeply engage focusing on algebraic reasoning.

Get the most bang for your book! This session will offer teachers the opportunity to consider the value of quality literature to drive classroom instruction across the K – 2 curriculum. Participants will experience ELAR and Math integration in a variety of instructional models, including small group lessons and centers.

Building students’ number sense in grades K – 2 is critical to their success in mathematics. This session will cover the big ideas from subitizing to unitizing that develop number sense. Participants will learn why these big ideas are important and experience activities and strategies for effectively developing them.

This session will guide participants on how to effectively use guided math groups to differentiate instruction to meet the needs of diverse learners. Ideas and strategies for getting started that are easy to implement will be shared.

This session will guide participants on how to effectively use guided math groups to differentiate instruction to meet the needs of diverse learners. Ideas and strategies for getting started that are easy to implement will be shared.
**Force & Motion in Grades 5 - 8**

October 2, 2017  
Fee: $100  
Time: 8:30 AM – 3:30 PM

This workshop will use parts of the TEA developed 5 – 8 Academy Part 2 materials to help teachers understand how to instruct various aspects of force and motion. Session is appropriate for teachers of grades 5 – 8.

**Content Instruction and Authentic Science Writing: The Bridge to TELPAS**

October 24, 2017 & February 8, 2018  
Workshop #: 45700  
Fee: $75 – Bilingual/ESL COOP members  
$125 – non COOP members  
Time: 8:00 AM – 11:00 AM

Writing can be difficult for our students, and many teachers question how they can support English learners in developing advanced high writing proficiency. In this 2-day professional development series, Region 20 Specialists will lead teachers in discovering how they can implement effective consistent, and most importantly, authentic writing through a content lens. We will facilitate effective planning practices and will require participants to bring writing artifacts from the students to evaluate language proficiency and ensure growth! Let us help you make the connection between content area expectations and writing instruction!

**Progress for All through Differentiation in Science**

October 26, 2017  
Workshop #: 46857  
Fee: $150  
Time: 8:30 AM – 3:30 PM

Have you tried differentiating instruction, but are struggling to make it work? Do you want to help all of your students make progress in their learning? If so, join us as we experience differentiated instruction through the eyes of diverse learners, then create our own lessons to implement. This training is appropriate for science teachers of grades 6 – 12.

**Struggling Learners in Elementary Science**

October 30, 2017  
Fee: $75  
Time: 8:30 AM – 3:30 PM

Learn strategies that assist struggling learners, including your students who receive special education services, through differentiated instruction using elementary school process skills and science concepts. This session is appropriate for elementary science teachers.

**Bonding ELAR and Science: Developing a Common Language through CERs and Figure 19**

November 1, 2107  
Workshop #: 43495  
Fee: $125  
Time: 8:30 AM – 3:30 PM

This session will blend the principles of the Claim-Evidence-Reasoning model in science and the inferencing, drawing conclusions, and making connections within ELAR TEKS in order to bring a common language to both content areas. Participants will engage in a lab experience combined with authentic texts. Strategies will help students read, write, and immerse themselves in both contents. Participants should bring technology in order to plan for cross curricular instruction. Campuses are encouraged to send teams of ELAR and Science teachers to experience the session together. Session is appropriate for English & Science teacher pairs, grades 6 – 12.

**Integrating Math & Science TEKS (grades 5 – 8)**

November 29, 2017  
Workshop #: 45394  
Fee: $130  
Time: 8:30 AM – 3:30 PM

This workshop is a study of math and science TEKS for 5th to 8th grade teachers. Participants will review the standards to determine areas of alignment and divergence as well as similar terminologies. Session is appropriate for grades 5 – 8 science and math teachers. Cost of session includes cost of materials for participants.
Have you tried differentiating instruction, but are struggling to make it work? Do you want to help all of your students make progress in their learning? If so, join us as we experience differentiated instruction through the eyes of diverse learners, then create our own lessons to implement. This training is appropriate for 6-12 science teachers. Participants will receive materials during this training to build capacity. The costs of these materials have been included in the cost of the training. Participants should bring their own technology.

Maximize student achievement on STAAR through the use of learner-centered strategies designed to not only review but also diagnose student gaps. Activate higher-order thinking and require students to make applications and connections. These techniques and materials are designed to energize and empower students to peak their scores on the STAAR Biology exam! **This 2.0 session is a repeat of the 2017 session.**

This session is designed to help prepare teacher leaders, campus and/or district facilitators or instructional coaches for the implementation of the Streamlined Standards in Science. Participants will analyze and interpret the recently streamlined science standards and create a plan for implementation. This session is appropriate for science teachers, coaches and facilitators of grades K - 12. The cost of this session includes access to a prepared PowerPoint and other supporting documents.

Maximize student achievement on STAAR through the use of learner-centered strategies designed to not only review but also diagnose student gaps. Challenge students to take ownership of complex content in life science, the physical sciences, and Earth & space science. Experience and receive comprehensive review materials designed to support student retention of the critical content, focusing on topics addressed in the readiness standards. These materials energize teachers to equip their students to peak their 8th grade test scores! **This 2.0 session is a repeat of the 2017 session.**

Learn strategies that assist struggling learners, including your students who receive special education services, through differentiated instruction using elementary school process skills and science concepts. This session is appropriate for elementary science teachers.

Would you like to plan your science review so your students are more successful? Join us to experience conceptually based review strategies and use data to design a customized STAAR review plan. **Participants should bring relevant data from the 2017-18 school year in order to create your customized STAAR review.** All participants will walk away with a Student Study Guide and review strategies. This session
is appropriate for 5th grade science teachers who are new to education or new to teaching 5th grade science. THIS SESSION IS A REPEAT OF THE 2017 SESSION #41901.

**Struggling Learners in Secondary Science**  
**March 6, 2018**  
**Workshop #: 44647**  
**Fee: $75**  
**Time: 8:30 AM – 3:30 PM**

Learn strategies that assist struggling learners, including your students who receive special education services, through differentiated instruction using secondary school process skills and science concepts. This session is appropriate for secondary science teachers.

**MORE Steppin’ Up to the 8th grade Science STAAR - 2.0**  
**March 28, 2018**  
**Workshop #: 44954**  
**Fee: $125**  
**Time: 8:30 AM – 3:30 PM**

Did you attend the Steppin’ Up to the Science STAAR professional learning in 2017 or are you a seasoned teacher seeking a new approach to review for the STAAR? If so, this is the session for you! Experience sample lessons and engaging strategies that integrates a REVISED Student Study Guide which includes grade-level supporting standards. All participants will walk away with electronic access to the Student Study Guide and supporting documents. This session is appropriate for 8th grade science teachers.

**Steppin’ Up to the 8th grade Science STAAR**  
**March 8, 2018**  
**Workshop #: 44953**  
**Fee: $125**  
**Time: 8:30 AM – 3:30 PM**

Would you like to plan your science review so your students are more successful? Join us to experience conceptually based review strategies and use data to design a customized STAAR review plan. Participants should bring relevant data from the 2017-18 school year in order to create your customized STAAR review. All participants will walk away with a Student Study Guide and review strategies. This session is appropriate for 8th grade science teachers who are new to education or new to teaching 8th grade science. THIS SESSION IS A REPEAT OF THE 2017 SESSION #41900.

**More Steppin’ Up to the 5th grade Science STAAR - 2.0**  
**March 22, 2018**  
**Workshop #: 44955**  
**Fee: $125**  
**Time: 8:30 AM – 3:30 PM**

Did you attend the Steppin’ Up to the Science STAAR professional learning in 2017 or are you a seasoned teacher seeking a new approach to review for the STAAR? If so, this is the session for you! Experience sample lessons and engaging strategies that integrates a REVISED Student Study Guide which includes grade-level supporting standards. All participants will walk away with electronic access to the Student Study Guide and supporting documents. This session is appropriate for 5th grade science teachers.

**Science TEKS Streamlining – Grades K -12 (TOT)**  
**May 23, 2018**  
**Workshop #: 46785**  
**Fee: $75**  
**Time: 8:30 AM – 11:30 AM**

This session is designed to help prepare teacher leaders, campus and/or district facilitators or instructional coaches for the implementation of the Streamlined Standards in Science. Participants will analyze and interpret the recently streamlined science standards and create a plan for implementation. This session is appropriate for science teachers, coaches and facilitators of grades K - 12. The cost of this session includes access to a prepared PowerPoint and other supporting documents.

**Science TEKS Streamlining – Grades K -12**  
**June 15, 2018**  
**Workshop #: 47870**  
**Fee: $50**  
**Time: 8:30 AM – 11:30 AM**

This half-day session is designed to help prepare teachers for the implementation of the Science Streamlined TEKS. Participants will analyze and interpret the recently streamlined science standards and start discussing a plan for implementation. This session is appropriate for science teachers of grades K – 12.

**Science TEKS Streamlining – Grades K -12**  
**July 31, 2018**  
**Workshop #: 46787**  
**Fee: $50**  
**Time: 8:30 AM – 11:30 AM**

This half-day session is designed to help prepare teachers for the implementation of the Science Streamlined TEKS. Participants will analyze and interpret the recently streamlined science standards and start discussing a plan for implementation. This session is appropriate for science teachers of grades K – 12.
SAVE THE DATES

Curriculum Forum
September 13, 2017
October 23, 2017
February 7, 2018
April 11, 2018

CONFERENCES

Conference for the Advancement of Science Teaching (CAST)
November 9, 2017 – November 11, 2017,
Houston

Mini CAST
February 24, 2018,
Austin (Region 13)

Out in Space STEM Conference
March 3, 2018

Conference for the Advancement of Mathematics Teaching (CAMT)
July 16, 2018 – July 18, 2018

TCMPC Annual Conference
July 30, 2018 – August 2, 2018

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