


Time	Topic	Presenter(s)	Notes
8:30-8:50	Welcome and Introductions	Region 4 Science Team <ul style="list-style-type: none"> • Dr. Edrice Bell, Director • Hanna Roach, K-5 • Dodie Resendez, 6-8 • Lindsey Curiel, 9-12 • Jen Wellman, STEM and Science 	2025-2026 Science Leadership Network – Collaborative Tool https://bit.ly/25-26SLNTool  Region 4 LN Protocols
8:50-9:05	Community Partner	Denise Ma Harris-Galveston Subsidence District <i>Water Conservation Program Coordinator</i>	<ul style="list-style-type: none"> • Formerly Water Wise • Full lesson plans, including student-facing materials, are available on the website. Everything is TEKS aligned with STAAR item type options. • Student contest for artwork, video, etc. that is then featured on the water kit for next year. • In class presentations are available in a first come, first serve order. • In 2026-2027, an 8th grade program will launch.
9:05-9:20	JASON Learning Opportunity	Deb Hill JASON Learning	<ul style="list-style-type: none"> • https://bit.ly/EnergyFlowUSA • Remember that authentic data sets do not always align to only one SE, but rather we need to look at them from multiple standards. • This module can be used to move students from novice level knowledge to expert level knowledge through the application of content in new or unfamiliar ways.

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9:20-9:35	Region 4 Has Your Back!	Region 4 Science Team	<p><u>Region 4 Professional Learning</u></p> <ul style="list-style-type: none"> • 25-26 PD dates • Science Institute on June 17-18 • Science Speaker Series • Technical Assistance • Coaching Packages <p>Region 4 Products</p> <ul style="list-style-type: none"> • On the shelf: <i>Warm Up to Science for Grade 5</i>, <i>Warm Up to Biology</i> • Coming Soon: <i>Warm Up to IPC</i> and <i>Warm Up to Science for Grade 8</i> <p>Upcoming Region 4 Events</p> <ul style="list-style-type: none"> • Conferences • <u>Science and Social Studies: Critical A-F Levers PD</u> • JASON Learning Opportunity • Shell Science Awards
9:35-9:40	Region 4 STEM Updates	Region 4 Science Team	<ul style="list-style-type: none"> • Engineering Challenge Day on March 5 • AI in Education Series
9:40-9:50	Planning Summer PD	Region 4 Science Team	District leaders were provided with a checklist of topics to consider (parking, signage, staffing, etc) to consider when planning summer PD.
9:50-9:55	Legislative Updates	Region 4 Science Team	<ul style="list-style-type: none"> • Applied Science Pathways Programs, released on TAA 1/15/26 • Can substitute some of the core 4 science classes in HS for different certification based courses.
9:55-10:20	District Spotlights	<ul style="list-style-type: none"> • La Porte ISD • Waller ISD 	<p>LaPorte ISD</p> <ul style="list-style-type: none"> • District science leaders were able to bring teachers to the R4 Science Conference using Shell Collaborative money to learn more about 3D science. The teachers then took their learning back to their campuses. • Many of their teachers are still introducing vocabulary before investigating or experiencing learning. Other teachers heavily focus on conveying all the background knowledge before allowing students to investigate. The specialists knew that they had to change teachers' minds. • Physics is their weakest area in elementary school and after seeing the SEPs/RTCs session, educators saw the shift that needed to happen. <ul style="list-style-type: none"> ○ Educators needed to focus on how students were learning, not what teachers were teaching. ○ A fifth-grade teacher who attended the science conference led a PLC and started by giving teachers a tray holding all the components of a circuit. The goal was to build a working, complete, functioning circuit.

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			<ul style="list-style-type: none"> ○ Teachers did not introduce the vocabulary first. ○ Teachers were able to see themselves as facilitators. They guided discussion questions with the support of sentence stems. ○ The remainder of the lesson focused on learners predicting, building, and explaining how circuits work. ○ Students then had to make a checklist of what must be included for a working circuit. ○ Findings: <ul style="list-style-type: none"> ▪ Students showed strong understanding of parts of a system and their interactions through pattern observations. ▪ Students moved from describing what was happening to why it happens. ▪ Observation skills improved, vocabulary was better understood during the explain portion of the lesson, etc. <p>Waller ISD</p> <ul style="list-style-type: none"> • <u>Topic</u>: <i>Virtual PLCs and Office Hours for 5th grade science</i> • The goal is for all 8 campuses to support each other knowing that many teachers are isolated. • Hosting virtual PLCs has strengthened learning and relationships among all campuses and teachers are seeing increases in data. • Teachers so strongly believe in the time that they meet even when the coordinator cannot be present. • The district science coordinator offers standing virtual office hours from 7:00-8:00 a.m. on Mondays and Fridays. • The district made master scheduling a priority to allow for common PLC times across campuses.
10:20-10:30	Break		
10:30-11:30	TEA Assessment Update	Jo Ann Bilderback <i>Content Director, Math Science, and Social Studies Assessment Development Division</i>	<ul style="list-style-type: none"> • New TEA science assessment specialist will be starting March 1, 2026 • Resources: https://linktr.ee/joann.bilderback1
11:30-12:30	Lunch		<i>Generously provided by Vernier</i> https://bit.ly/ConnectionsVernier
12:30-1:00	Learning for Leaders: Maximizing Collaborative Instruction in Science	Keisha Berry	The presentation showcased different methods of co-teaching and emphasized the impact of having more than one adult instructor in the classroom if both/all were able to actively teach and engage with students. https://esc4.net/service/aqc/

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1:00-1:30	Unconference Topic Discussions	Region 4 Science Team	Attendees were able to choose from topics including: <ul style="list-style-type: none"> • Assessment • STAAR Review • Professional Development Planning • Topic of Choice These topics were named based on survey feedback from members of the Science Leadership Network. Attendees had the freedom to move from topic to topic and/or form subgroups within the topics.
1:30-1:40	Break		
1:40-2:55	Data Dig and Targeted Review	Region 4 Science Team	Members of the Science Leadership Network were able to invite instructional coaches and teachers they wanted to work with to dig into campus/district/charter data. Teams were able to build targeted review plans for STAAR. In addition to data, we discussed familiarizing students with the tools in Cambium (STAAR platform) and prioritizing TEKS based on TEA's blueprints and assessed curriculum documents.
2:55-3:00	Closing Activities	Region 4 Science Team	Meeting Date <ul style="list-style-type: none"> • May 13, 2026 (Virtual Only from 8:30-11:30 a.m.) <i>2026-2027 Meeting Dates</i> <ul style="list-style-type: none"> • Tuesday, September 22 • Tuesday, December 1 • Wednesday, February 24 • Tuesday, May 11 (Virtual Only from 8:30-11:30 a.m.)