

# CAST 2022 Workshops and Chats

### Workshops: Thur. 11/10 Topaz Meeting Room

## Better Scientists, Better Readers: Engaging Students Authentically in Literacy and

#### Science | 8:00 AM -9:00 AM

Stimulate students to read like scientists! Through scaffolded, interactive practice, our versatile lessons encompass reading skills authentic to science, including invoking inquiry, evaluating information, analyzing and interpreting data, and constructing explanations. Further supports connect science and reading instruction to amplify students' inference, response, and comprehension skills while exploring science concepts via a variety of texts and for different aims. Join us for a hands-on/screens-on workshop and meet today's demands for integrative instruction!

#### Making Science Relevant with Real-World Problem-Solving | 2:30 PM-3:30 PM

Rescue Texas turtles. Become a materials scientist for the space program. Save your school from flooding. Engineer an amusement park. These are a few of the regional and global explorations designed to help teachers answer a very common student question, "Why is this important?" Be ready to unpack versatile lessons that seamlessly capture students interest, appeal to science in relevant ways from personal, professional or social contexts, and apply learning to solve problems and situations!

# STAT Chats: Fri. 11/11

**Governors Lecture Hall** 

#### Better Connections, Better Outcomes | 8:40 AM-9:00 AM | 2 Lisa "Kersch" Kerscher

Research shows that educator wellness is linked to student outcomes. An educator's capacity - as an effective teacher and for supporting students in so many other ways - is driven by their resilience. This doesn't mean going it alone; in fact, resilience is significantly enhanced by connection. Discover a refreshing approach for cultivating support networks that make a difference. Research-based strategies will help make you a happier, healthier educator and extend wellness and success to your students.

#### Learning Hacks to Improve Retention | 9:20 AM-9:40 AM | 2 Lisa "Kersch" Kerscher

It's a no-brainer: the more we exercise our "mind muscles", the easier it is to remember things. Teachers use a variety of methods to help students retain and recall key concepts. We'll explore the science behind two proven practices: personal connections and "interrupting forgetting". Take away a few new durable learning strategies to try with your students to rock the STAAR this year!

#### Igniting Engagement in ESL Classrooms | 10:00 AM-10:20 AM | 2 Angie Maxey

"This class is boring!" These are the four words you never want to hear in your ESL classrooms...especially after spending your entire weekend meticulously crafting inclusive lesson plans. We'll explore the art of inquiry, creativity, and other literacy-based experiences that amplify student interest and engagement for optimal learning.

#### Fearlessly Teach the Future TEKS | 10:40 AM-11:00 AM | 2 Jess Rowell

Feeling anxious about next year's rollout of the updated TEKS Science standards? Discover how the new expectations stimulate observing phenomena and evaluating solutions and what that means for you. Combine the best of your current practices with "the why" from the Framework for K12 Science Education, including recurring themes in science and increased rigor. Get ahead with examples from current practitioners on collaboration strategies and integration of science and engineering practices.

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# Booth 410