

Instructional Strategies
for the New Minnesota Science Standards
August 19-20, 2020
9:00am-12:00pm (Virtual)

This 2-day hybrid workshop on the new Minnesota Science Standards will explore the changes between the 2009 and 2019 Minnesota science standards. Among these changes is the instructional shift from students learning about science content to students engaging in the practices of science to figure out something puzzling from the natural or the designed world.

Participants will:

- View 3 asynchronous webinars to explore and introduce content (1 hour each)
- Contribute to 3 synchronous virtual small and large group discussions, centered on important ideas introduced in the webinars, facilitated by the presenter (1 hour each)
- Receive an electronic portfolio of resources to support the educators' transition to the new science standards

August 19:

9:00-10:00 AM - Webinar 1: Introduction to the Shifts in the New MN Science Standards

10:00-11:00 AM – Discussion

1:00pm – Webinar 2: Phenomena-based Instruction and a Deep Dive into the Practice of Scientific Modeling.

2:00-3:00 PM – Discussion

August 20:

9:00-10:00 AM – Webinar 3: Storylines – Crafting Coherence from the Students' Point of View.

10:00-11:00 AM – Discussion

Who Should Attend? K-12 Science teachers, and all other interested educators



Mary Colson is an eighth-grade earth science teacher at Horizon Middle School in Moorhead, Minn. She was co-chair of the 2019 MN Science Standards Review Committee, served as a member of the NGSS writing team, has served on NSTA's Council of District Directors, and is a former president of the Minnesota Science Teachers Association. Mary is coauthor of the NSTA Press Book Learning to Read the Earth and Sky: Explorations Supporting the NGSS.

Registration Information

Fee: \$60 [Metro ECSU Member](#);
\$100 Non-member

Register online:
<https://metrocsu.myquickreg.com/register/event>

Registration Deadline: August 18, 2020

Cancellation Deadline: August 17, 2020

Program Contact: Angela Skrade,
612.638.1528 angela.skrade@metrocsu.org

Virtual: Zoom link will be provided upon registration



In compliance with the Americans with Disabilities Act, when special accommodations are needed, contact Angela Skrade at 612.638.1528 or angela.skrade@metrocsu.org at least two (2) weeks before the event date. Special accommodation cancellation notices are accepted no later than two (2) business days before the event date. Cancellations after the deadline will be billed for special accommodations fees.